

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061151.D
 Acq On : 9 May 2024 14:48
 Operator : MA/JU
 Sample : P2414-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 09 15:37:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	23668	20.000	ng	-0.03
21) Naphthalene-d8	10.723	136	89335	20.000	ng	#-0.03
39) Acenaphthene-d10	14.560	164	68169	20.000	ng	-0.03
64) Phenanthrene-d10	17.310	188	167531	20.000	ng	-0.02
76) Chrysene-d12	21.569	240	171588	20.000	ng	-0.02
86) Perylene-d12	24.695	264	204342	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	142478	122.428	ng	-0.02
7) Phenol-d6	7.110	99	190633	110.731	ng	-0.02
23) Nitrobenzene-d5	9.084	82	143234	79.481	ng	-0.03
42) 2,4,6-Tribromophenol	16.052	330	155789	114.334	ng	-0.02
45) 2-Fluorobiphenyl	13.185	172	368781	79.996	ng	-0.02
79) Terphenyl-d14	19.930	244	750237	72.718	ng	-0.02
Target Compounds						
75) Fluoranthene	19.366	202	35213	3.355	ng	Qvalue 98
78) Pyrene	19.730	202	31150	2.855	ng	98
83) Chrysene	21.610	228	22840m	2.171	ng	
88) Benzo(b)fluoranthene	23.702	252	30216	2.646	ng	# 99
90) Benzo(a)pyrene	24.548	252	21349	2.146	ng	# 96

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

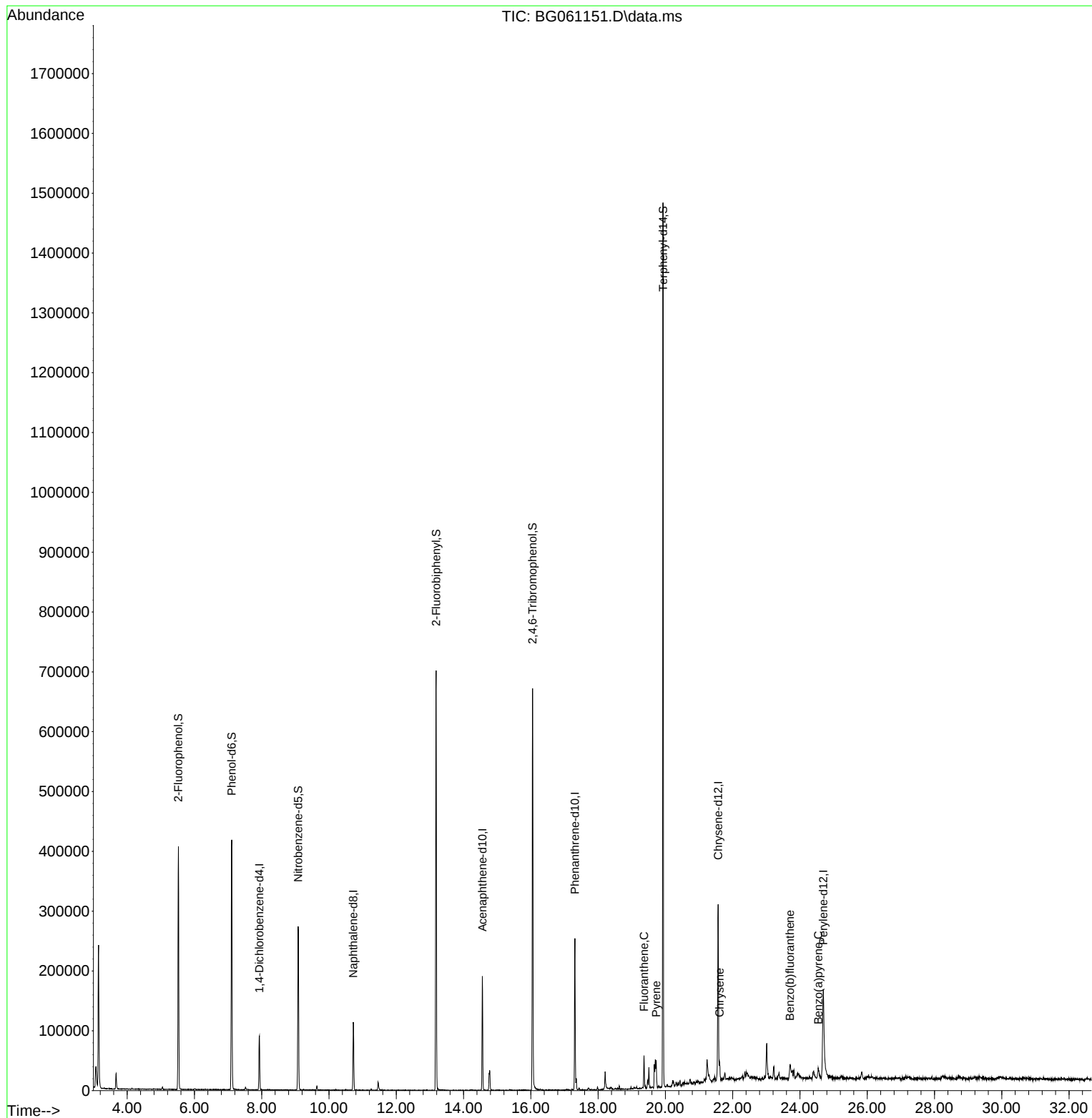
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061151.D
Acq On : 9 May 2024 14:48
Operator : MA/JU
Sample : P2414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

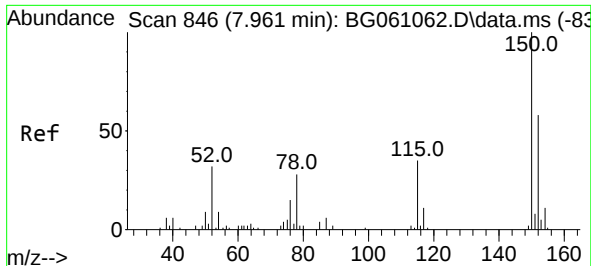
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01

Quant Time: May 09 15:37:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

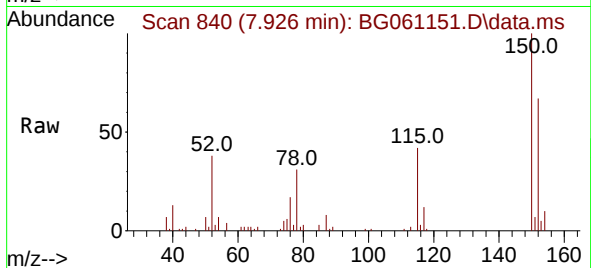
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 846
Delta R.T. -0.035 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

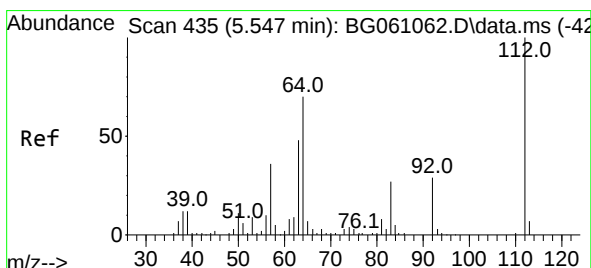
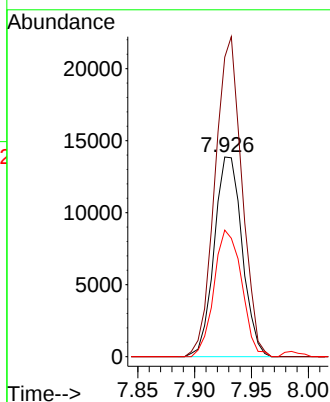
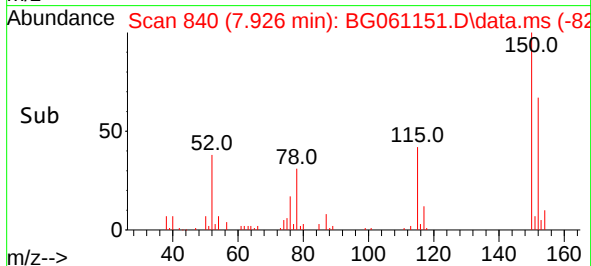
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



Tgt Ion:152 Resp: 23668
Ion Ratio Lower Upper
152 100
150 150.1 138.3 207.5
115 63.4 48.0 72.0

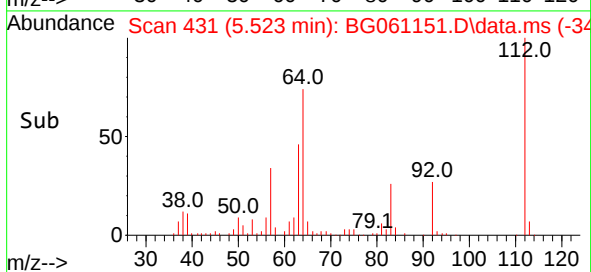
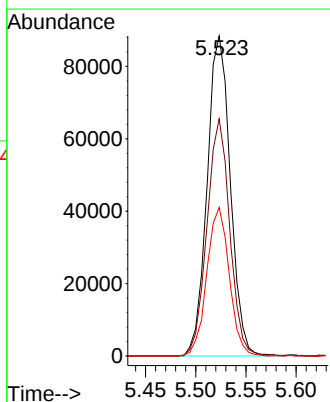
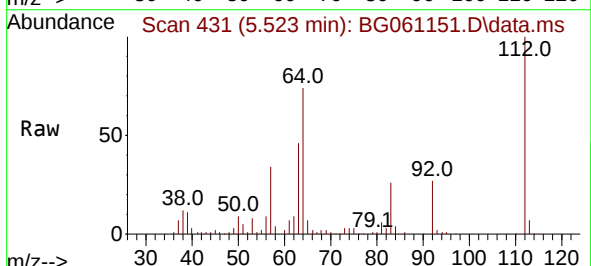
Manual Integrations
APPROVED

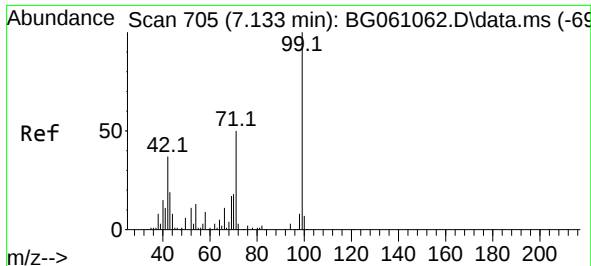
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#5
2-Fluorophenol
Concen: 122.428 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.023 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

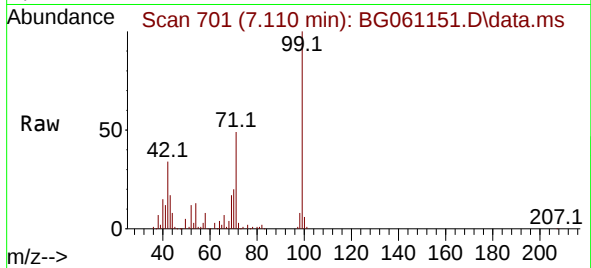
Tgt Ion:112 Resp: 142478
Ion Ratio Lower Upper
112 100
64 74.1 55.7 83.5
63 46.4 38.1 57.1





#7
Phenol-d6
Concen: 110.731 ng
RT: 7.110 min Scan# 705
Delta R.T. -0.023 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

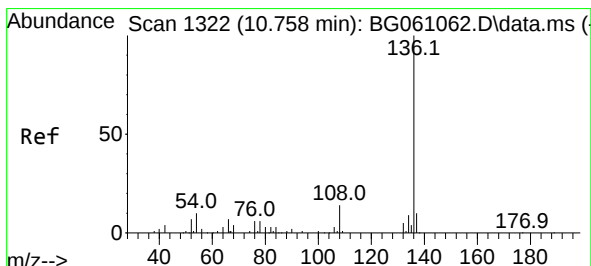
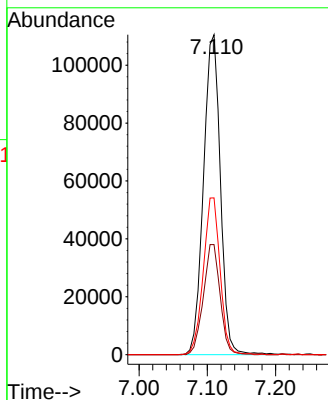
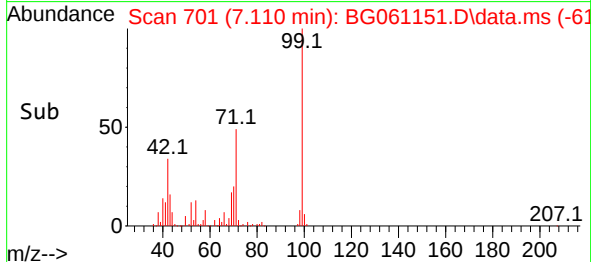
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



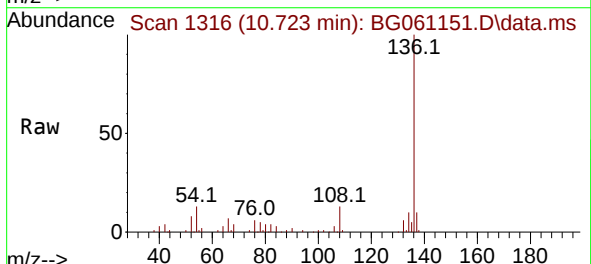
Tgt Ion: 99 Resp: 19063
Ion Ratio Lower Upper
99 100
42 34.4 29.2 43.8
71 49.0 39.7 59.5

Manual Integrations
APPROVED

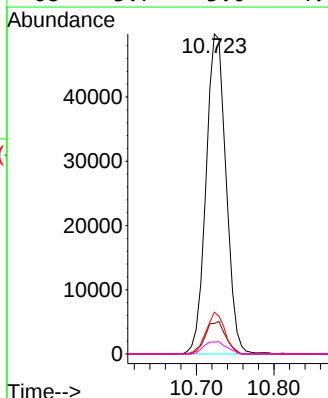
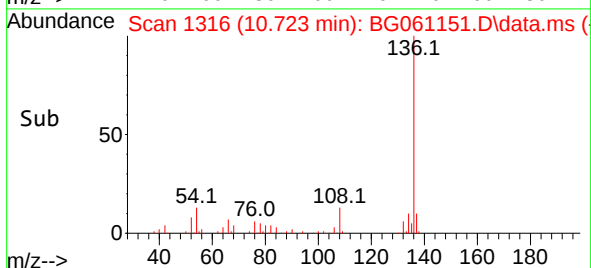
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1316
Delta R.T. -0.035 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48



Tgt Ion:136 Resp: 89335
Ion Ratio Lower Upper
136 100
137 9.6 7.8 11.6
54 13.1 8.1 12.1#
68 3.7 3.0 4.4





#23

Nitrobenzene-d5

Concen: 79.481 ng

RT: 9.084 min Scan# 1043

Delta R.T. -0.035 min

Lab File: BG061151.D

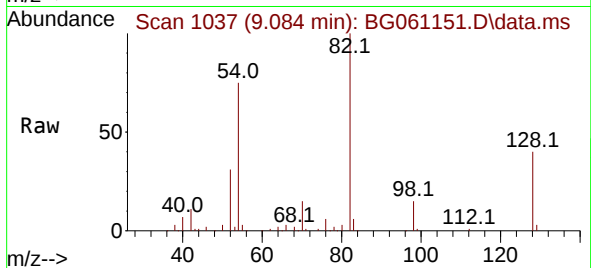
Acq: 9 May 2024 14:48

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01

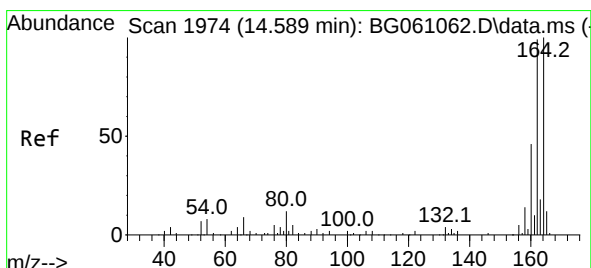
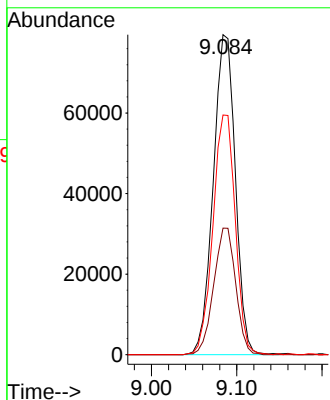
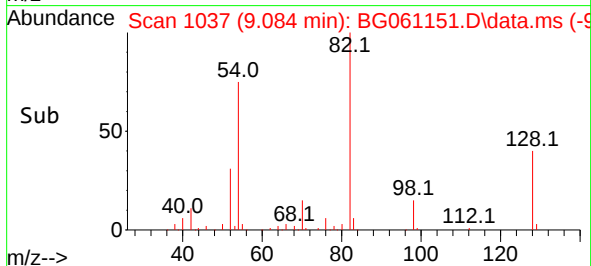


Tgt Ion:	82	Resp:	143234
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.7	49.1
54	74.9	65.6	98.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

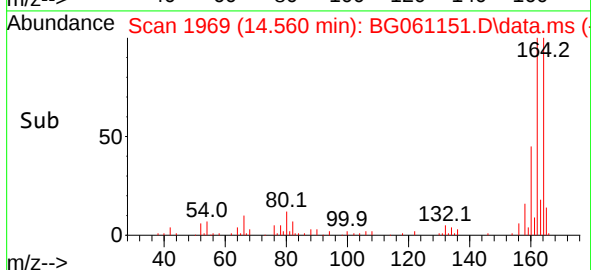
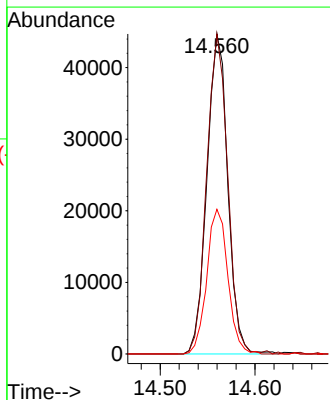
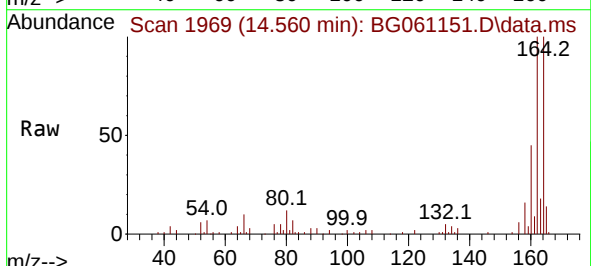
RT: 14.560 min Scan# 1969

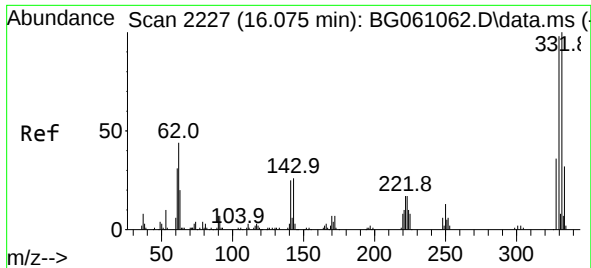
Delta R.T. -0.029 min

Lab File: BG061151.D

Acq: 9 May 2024 14:48

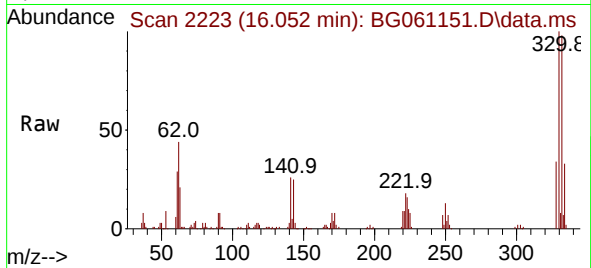
Tgt Ion:	164	Resp:	68169
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.4	119.2
160	45.2	37.0	55.6





#42
2,4,6-Tribromophenol
Concen: 114.334 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

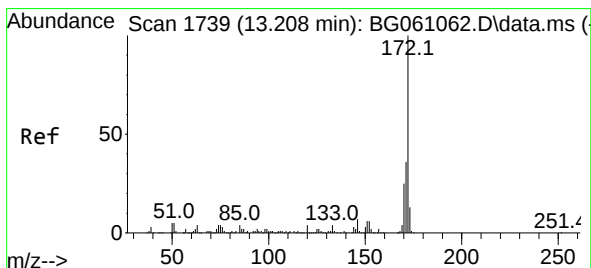
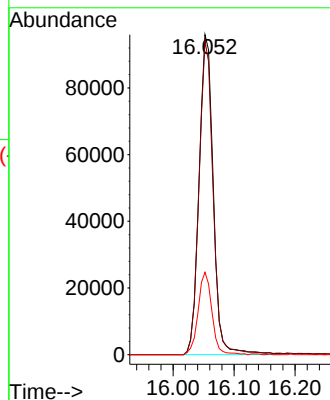
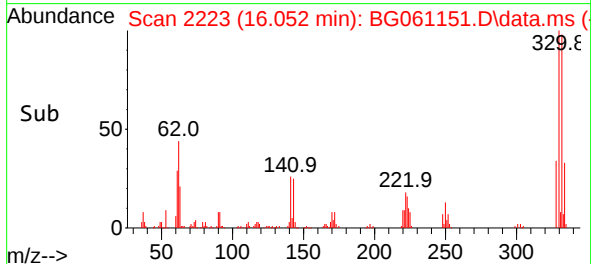
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



Tgt Ion:330 Resp: 155789
Ion Ratio Lower Upper
330 100
332 97.7 78.6 117.8
141 24.9 20.5 30.7

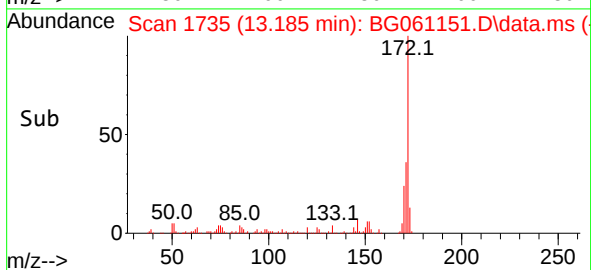
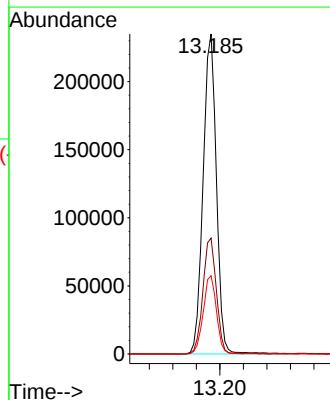
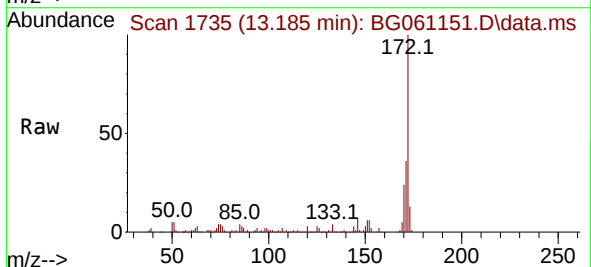
Manual Integrations
APPROVED

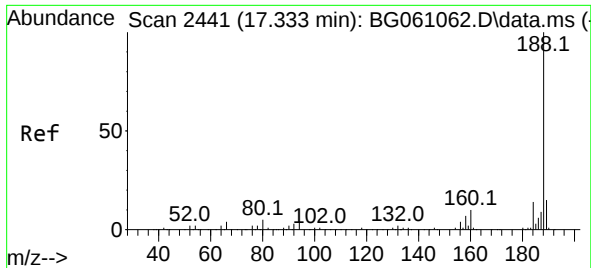
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#45
2-Fluorobiphenyl
Concen: 79.996 ng
RT: 13.185 min Scan# 1735
Delta R.T. -0.023 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

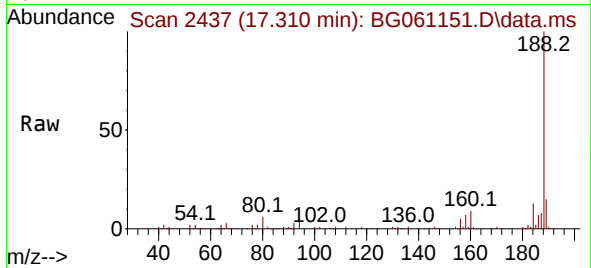
Tgt Ion:172 Resp: 368781
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.4 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2441
Delta R.T. -0.023 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

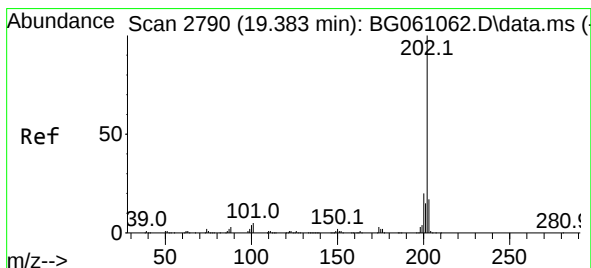
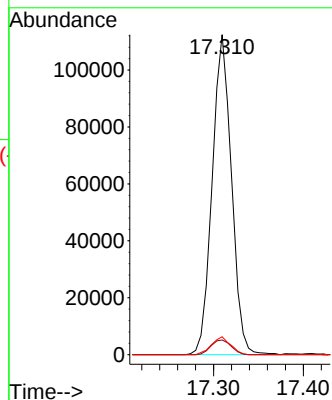
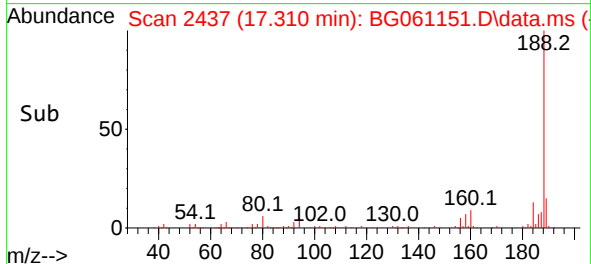
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



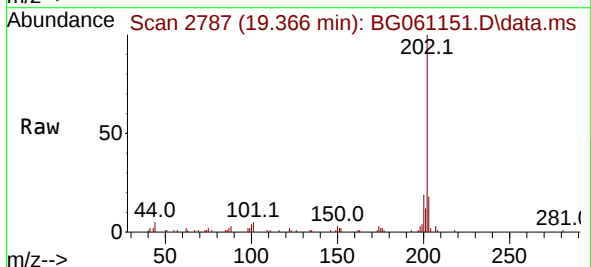
Tgt Ion:188 Resp: 16753
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 5.6 4.2 6.2

Manual Integrations
APPROVED

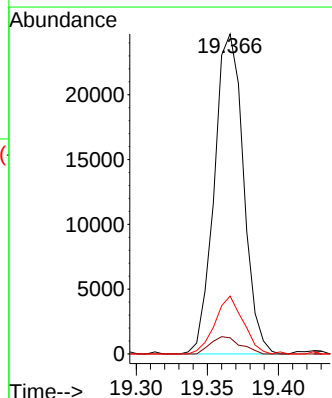
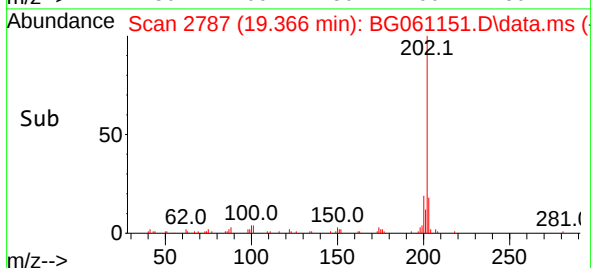
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

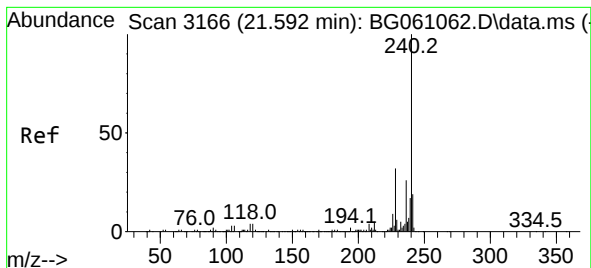


#75
Fluoranthene
Concen: 3.355 ng
RT: 19.366 min Scan# 2787
Delta R.T. -0.017 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48



Tgt Ion:202 Resp: 35213
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.7
203 18.1 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3166

Delta R.T. -0.023 min

Lab File: BG061151.D

Acq: 9 May 2024 14:48

Instrument :

BNA_G

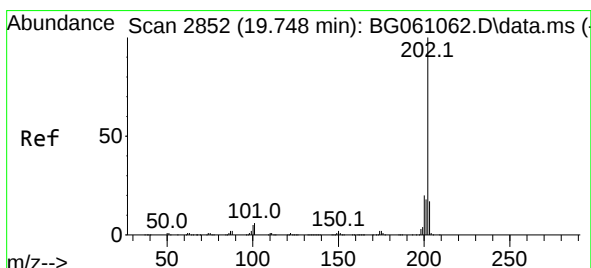
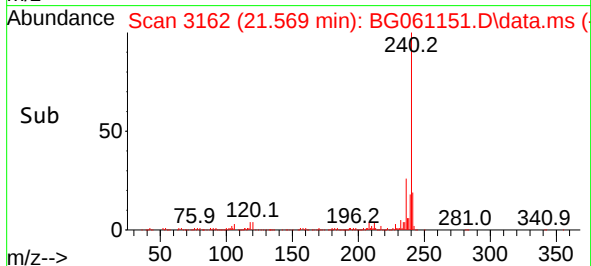
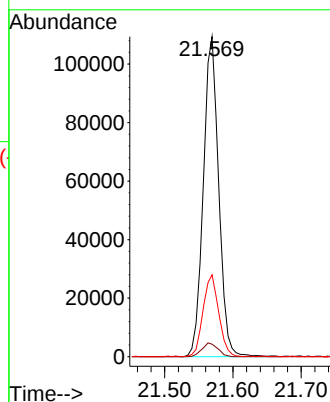
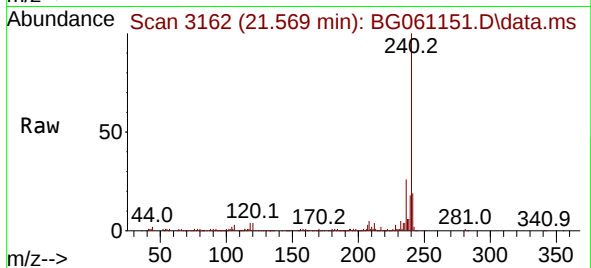
ClientSampleId :

1011UMR-SS004-0212-01

Tgt Ion:240 Resp: 171588
 Ion Ratio Lower Upper
 240 100
 120 3.9 3.2 4.8
 236 25.6 21.0 31.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#78

Pyrene

Concen: 2.855 ng

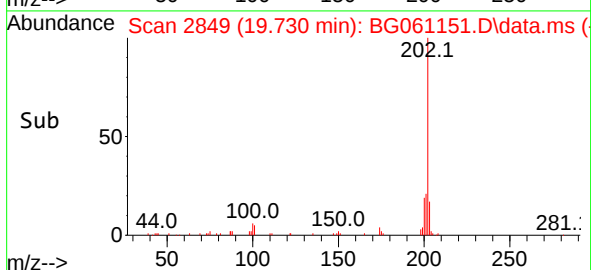
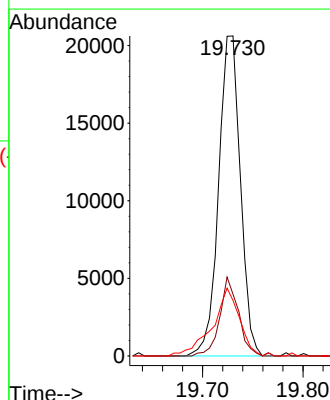
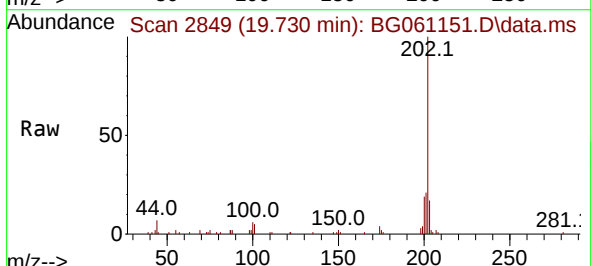
RT: 19.730 min Scan# 2849

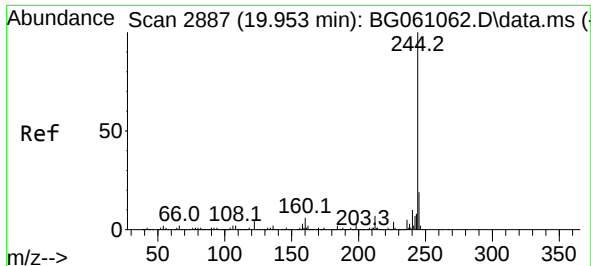
Delta R.T. -0.017 min

Lab File: BG061151.D

Acq: 9 May 2024 14:48

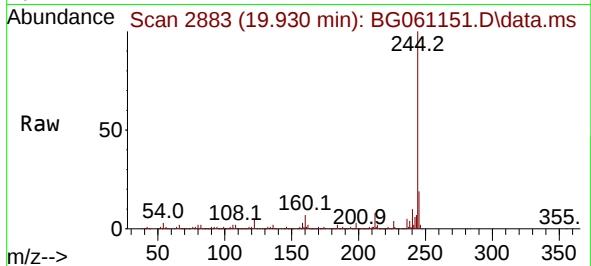
Tgt Ion:202 Resp: 31150
 Ion Ratio Lower Upper
 202 100
 200 19.3 16.2 24.4
 203 17.3 13.3 19.9





#79
 Terphenyl-d14
 Concen: 72.718 ng
 RT: 19.930 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG061151.D
 Acq: 9 May 2024 14:48

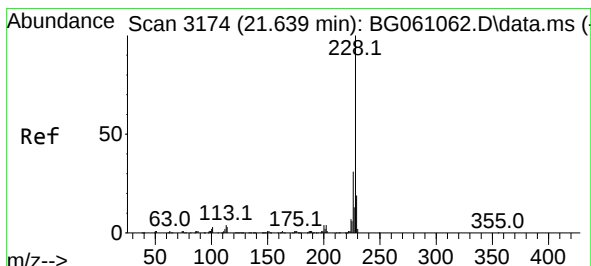
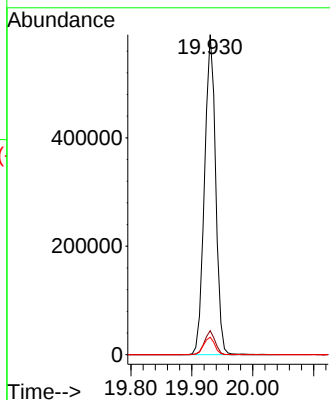
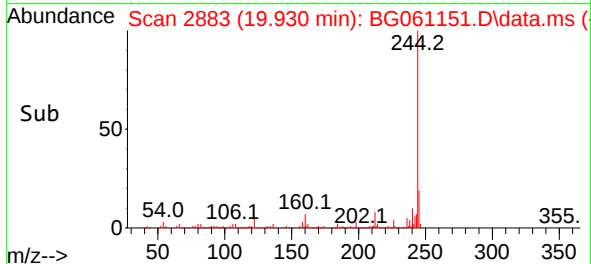
Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01



Tgt Ion:244 Resp: 75023
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.4 4.2 6.2

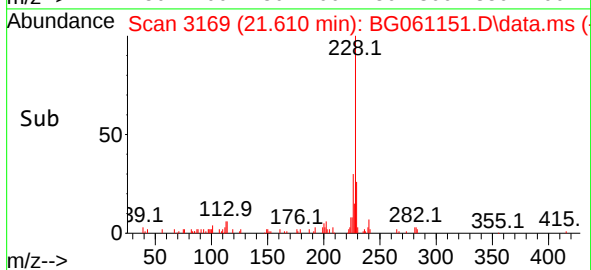
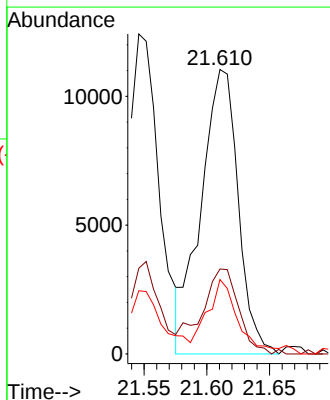
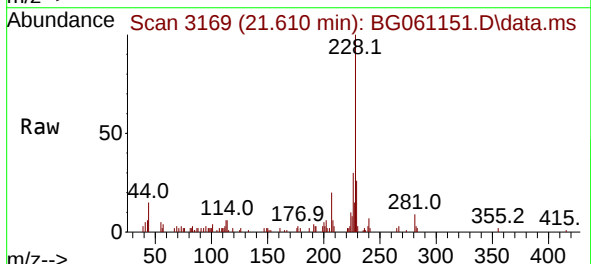
Manual Integrations
 APPROVED

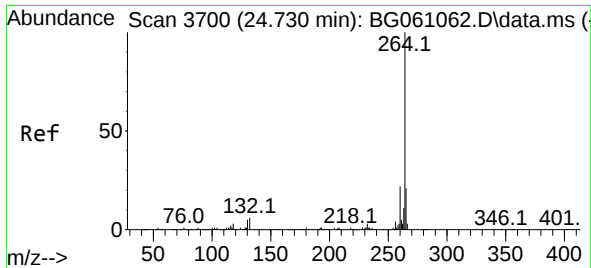
Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#83
 Chrysene
 Concen: 2.171 ng m
 RT: 21.610 min Scan# 3169
 Delta R.T. -0.029 min
 Lab File: BG061151.D
 Acq: 9 May 2024 14:48

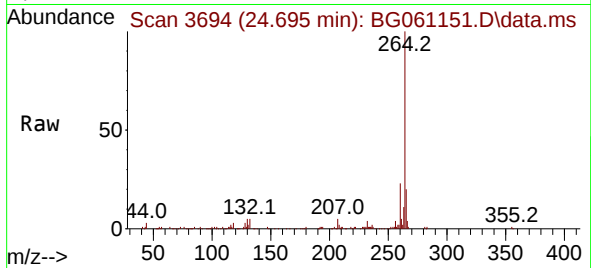
Tgt Ion:228 Resp: 22840
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 26.2 14.8 22.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.695 min Scan# 30
Delta R.T. -0.035 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

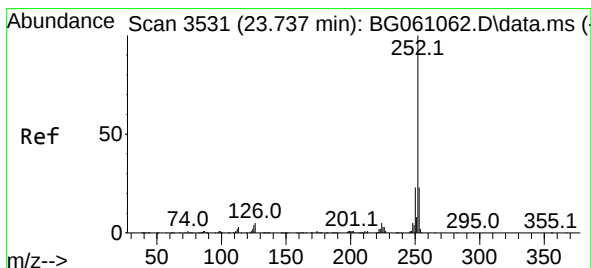
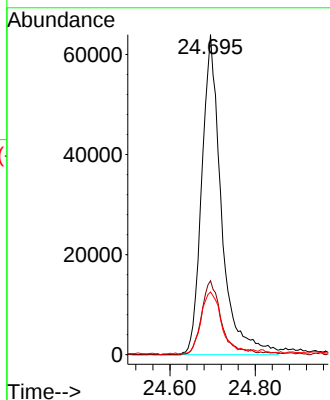
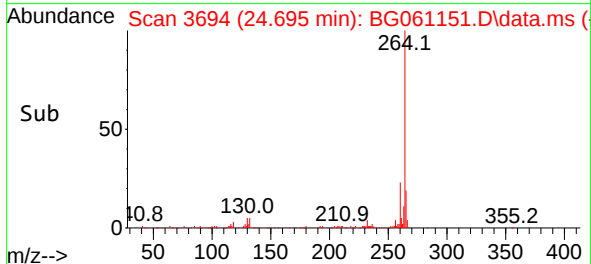
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



Tgt Ion:264 Resp: 20434
Ion Ratio Lower Upper
264 100
260 23.1 17.7 26.5
265 19.6 16.4 24.6

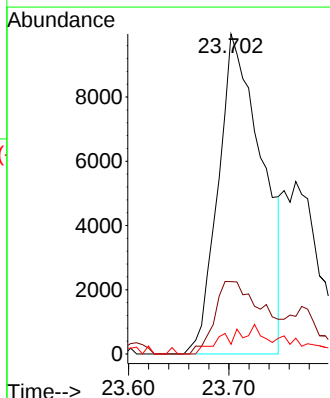
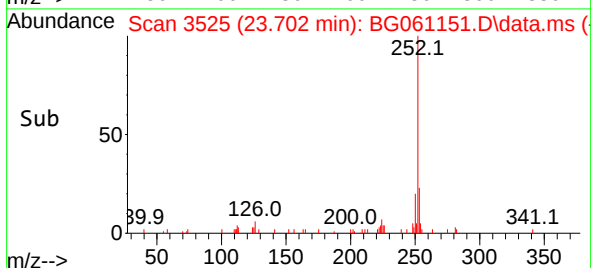
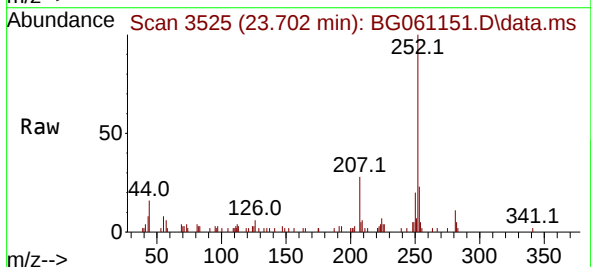
Manual Integrations
APPROVED

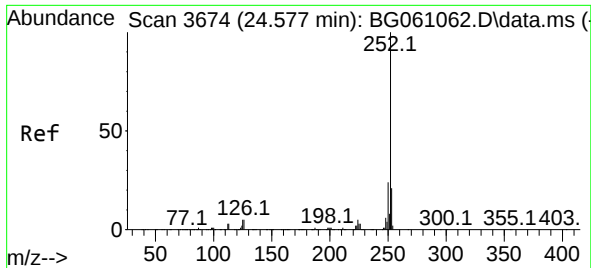
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#88
Benzo(b)fluoranthene
Concen: 2.646 ng
RT: 23.702 min Scan# 3525
Delta R.T. -0.035 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

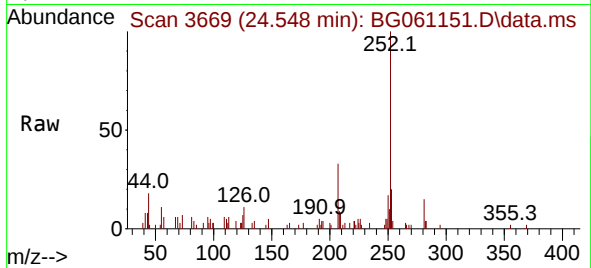
Tgt Ion:252 Resp: 30216
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 3.0 3.4 5.0#





#90
Benzo(a)pyrene
Concen: 2.146 ng
RT: 24.548 min Scan# 30
Delta R.T. -0.029 min
Lab File: BG061151.D
Acq: 9 May 2024 14:48

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01



Tgt Ion:252 Resp: 21349
Ion Ratio Lower Upper
252 100
253 19.8 16.9 25.3
125 7.1 3.8 5.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

