

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060994.D
 Acq On : 22 Apr 2024 16:43
 Operator : MA/JU
 Sample : P2147-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-B

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 02:18:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	27255	20.000	ng	0.00
21) Naphthalene-d8	10.736	136	101168	20.000	ng	0.00
39) Acenaphthene-d10	14.567	164	78247	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	184687	20.000	ng	0.00
76) Chrysene-d12	21.577	240	182809	20.000	ng	0.00
86) Perylene-d12	24.697	264	227083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	128711	95.524	ng	0.00
7) Phenol-d6	7.111	99	167819	83.943	ng	0.00
23) Nitrobenzene-d5	9.091	82	125006	55.516	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	130440	75.915	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	332918	58.886	ng	0.00
79) Terphenyl-d14	19.937	244	674440	57.267	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.368	202	54232	4.335	ng	98
78) Pyrene	19.732	202	49223	3.954	ng	95
81) Benzo(a)anthracene	21.553	228	30488	2.372	ng	99
83) Chrysene	21.618	228	27533m	2.250	ng	
88) Benzo(b)fluoranthene	23.709	252	36027	2.800	ng	# 98
90) Benzo(a)pyrene	24.556	252	25632	2.058	ng	# 95

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

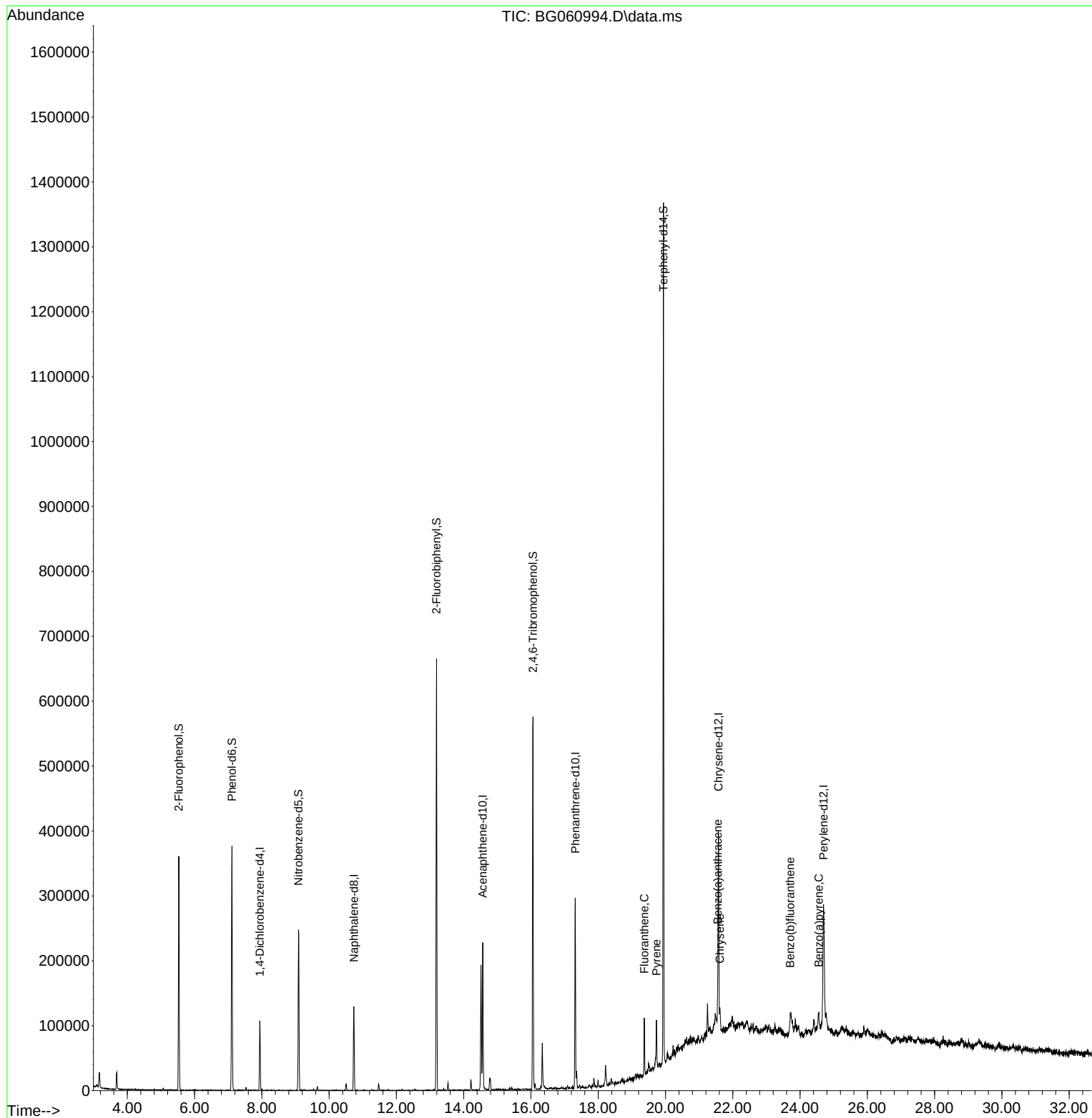
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060994.D
Acq On : 22 Apr 2024 16:43
Operator : MA/JU
Sample : P2147-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

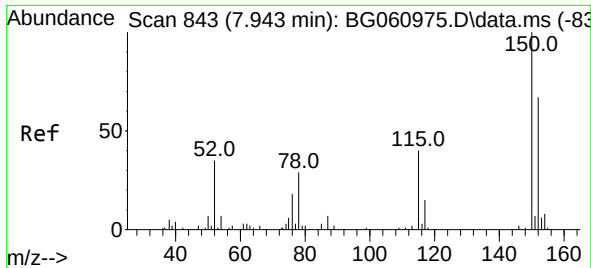
Instrument :
BNA_G
ClientSampleId :
COMP-B

Quant Time: Apr 23 02:18:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024





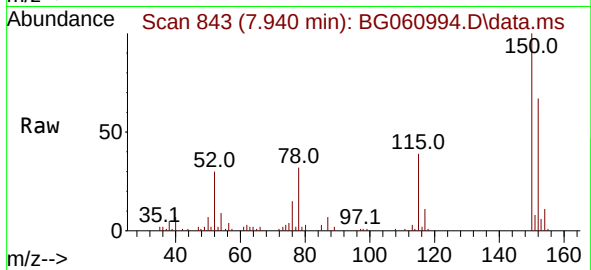
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B



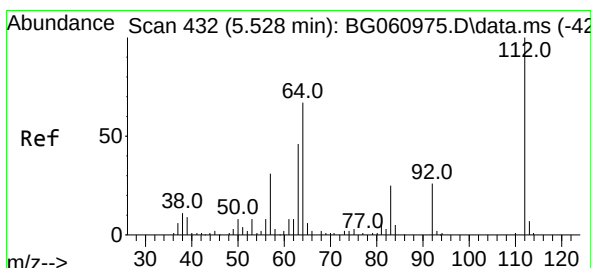
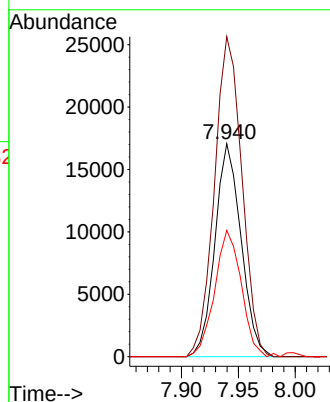
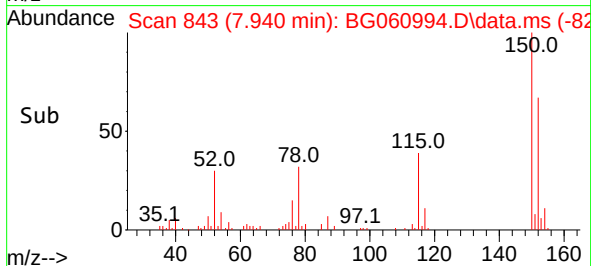
Tgt Ion:152 Resp: 2725
Ion Ratio Lower Upper
152 100
150 150.3 118.6 178.0
115 59.3 47.4 71.0

Manual Integrations

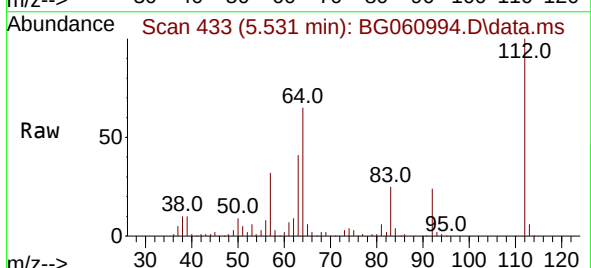
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

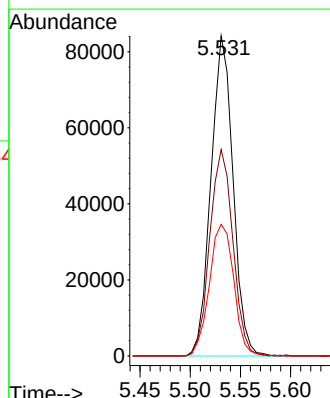
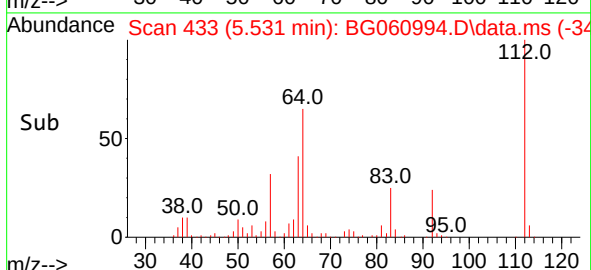
Supervised By :mohammad ahmed 04/24/2024

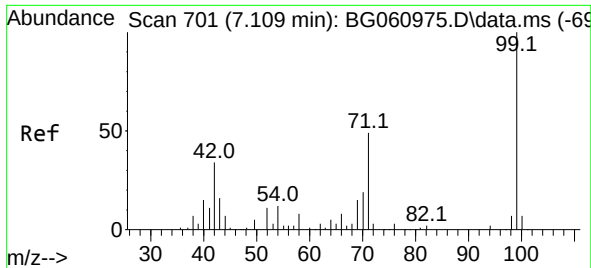


#5
2-Fluorophenol
Concen: 95.524 ng
RT: 5.531 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43



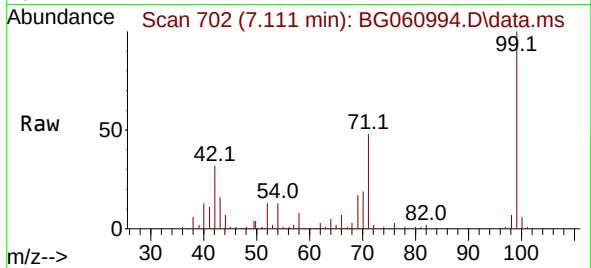
Tgt Ion:112 Resp: 128711
Ion Ratio Lower Upper
112 100
64 64.5 53.7 80.5
63 41.1 37.0 55.6





#7
Phenol-d6
Concen: 83.943 ng
RT: 7.111 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

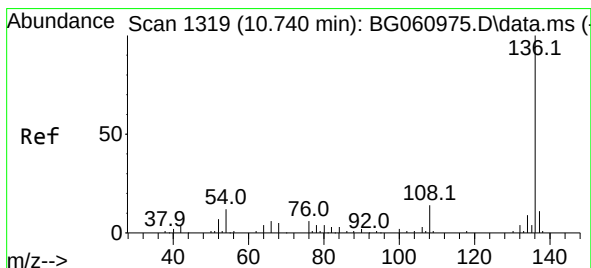
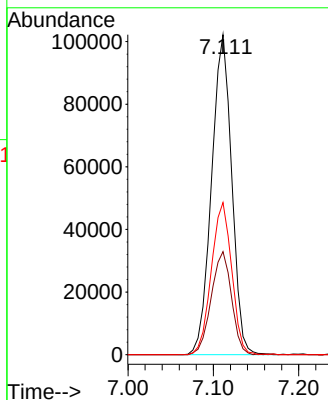
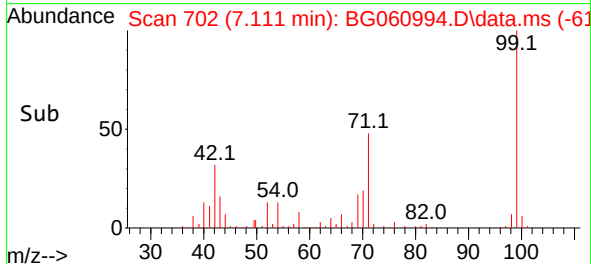
Instrument :
BNA_G
ClientSampleId :
COMP-B



Tgt Ion: 99 Resp: 167819
Ion Ratio Lower Upper
99 100
42 32.2 27.2 40.8
71 47.6 38.8 58.2

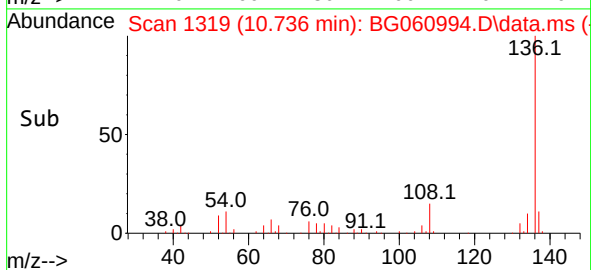
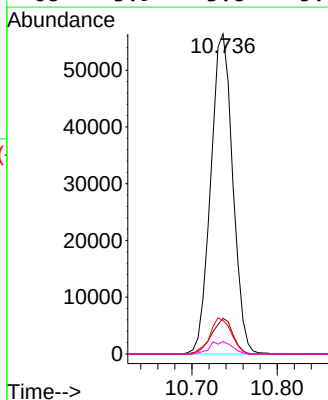
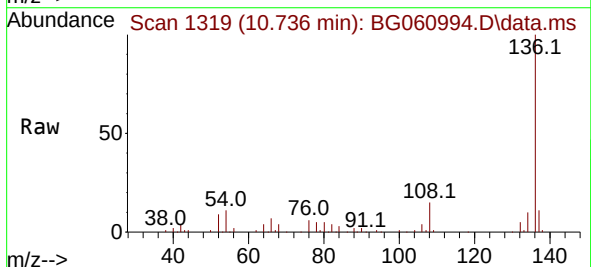
Manual Integrations
APPROVED

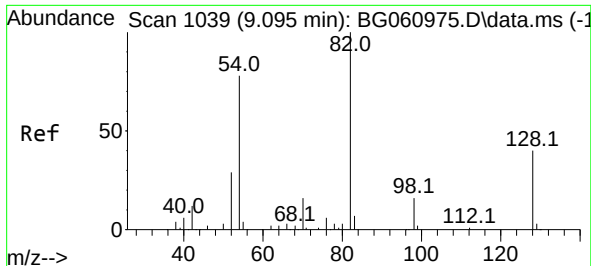
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1319
Delta R.T. -0.004 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

Tgt Ion:136 Resp: 101168
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.5 9.4 14.0
68 3.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 55.516 ng

RT: 9.091 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B

Tgt Ion: 82 Resp: 125000

Ion Ratio Lower Upper

82 100

128 39.2 32.1 48.1

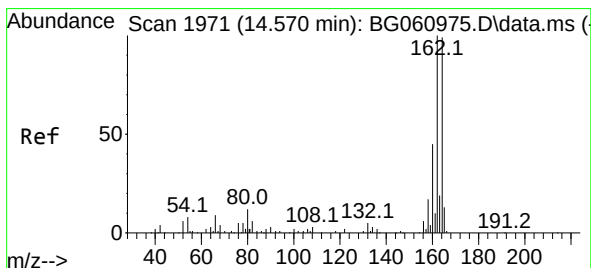
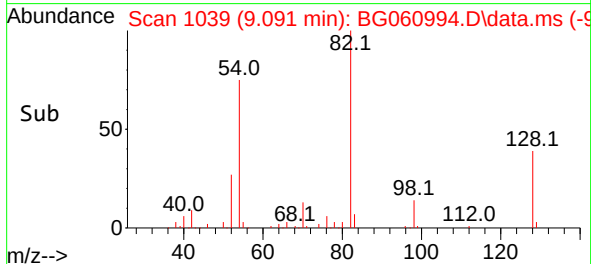
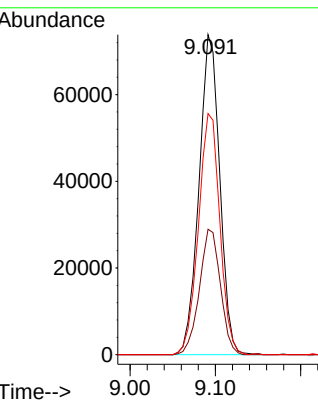
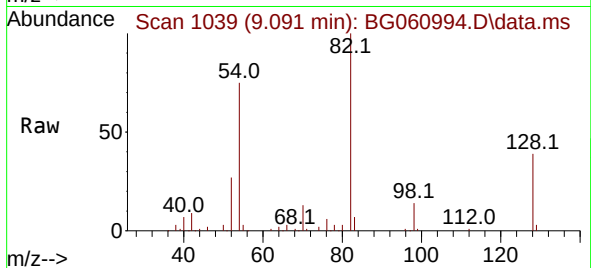
54 75.3 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.567 min Scan# 1971

Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

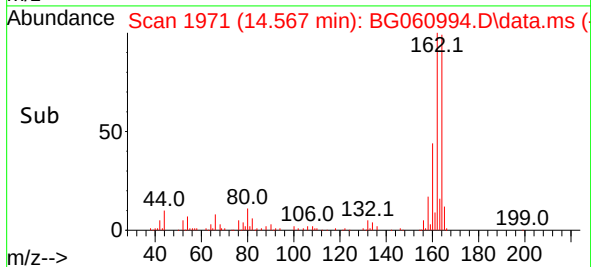
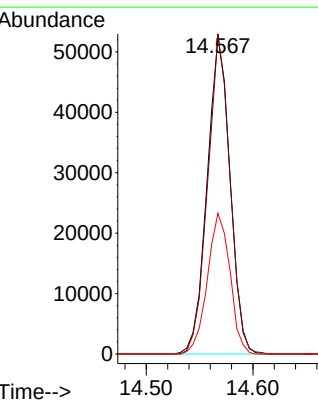
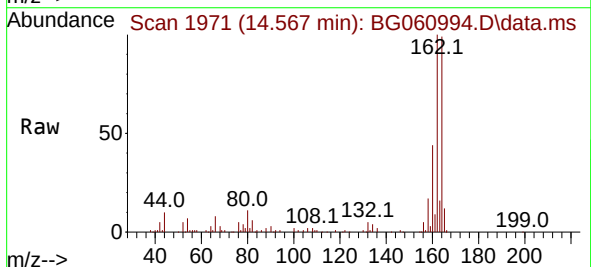
Tgt Ion:164 Resp: 78247

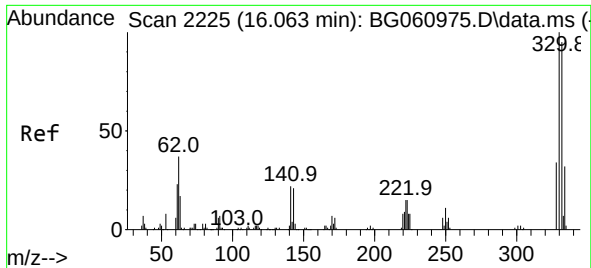
Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 44.4 36.2 54.2





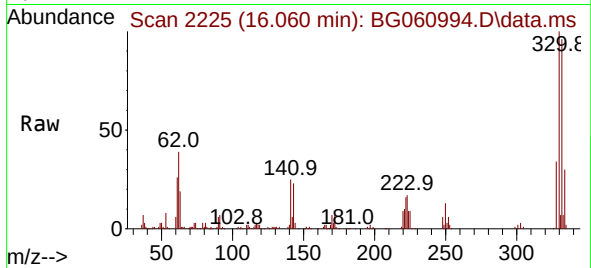
#42
2,4,6-Tribromophenol
Concen: 75.915 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B



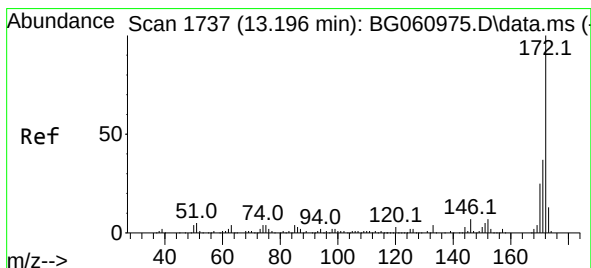
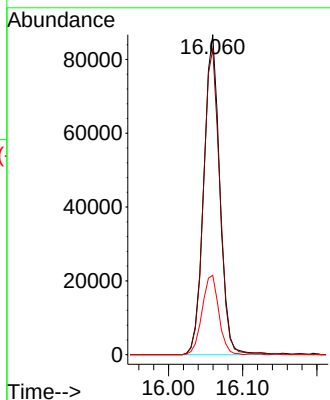
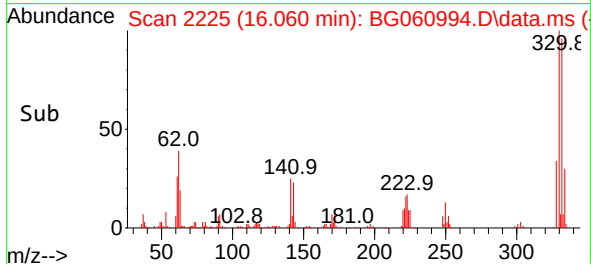
Tgt Ion:330 Resp: 130440
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 25.8 20.6 31.0

Manual Integrations

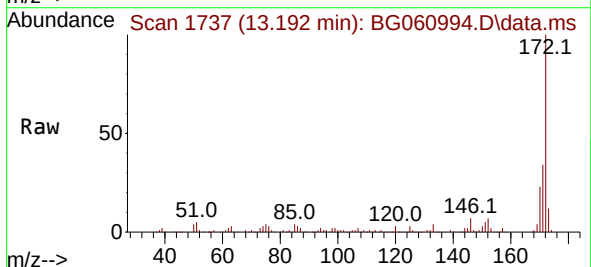
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

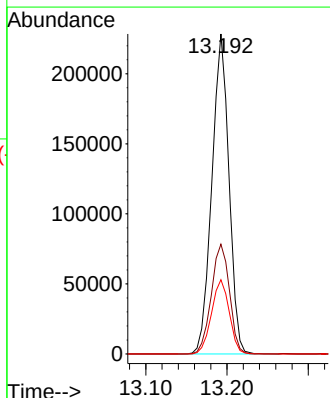
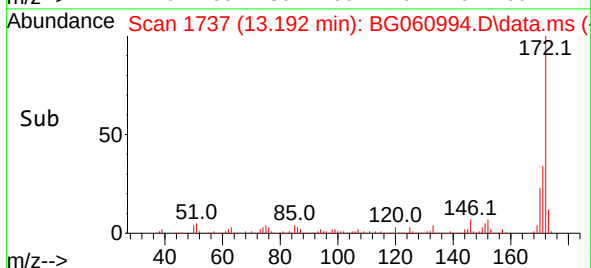
Supervised By :mohammad ahmed 04/24/2024

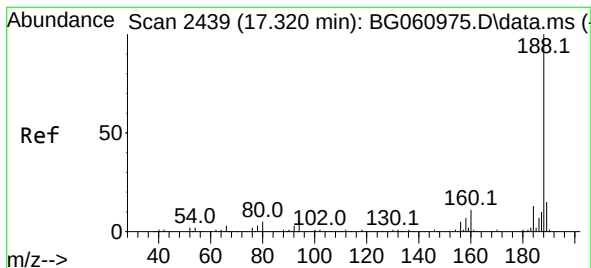


#45
2-Fluorobiphenyl
Concen: 58.886 ng
RT: 13.192 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43



Tgt Ion:172 Resp: 332918
Ion Ratio Lower Upper
172 100
171 34.3 29.3 43.9
170 23.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B

Tgt Ion:188 Resp: 18468

Ion Ratio Lower Upper

188 100

94 4.3 4.1 6.1

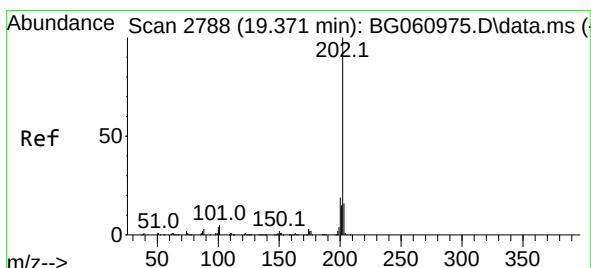
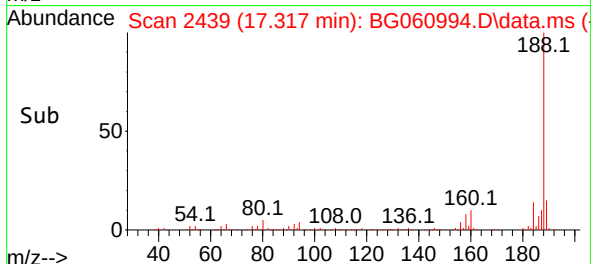
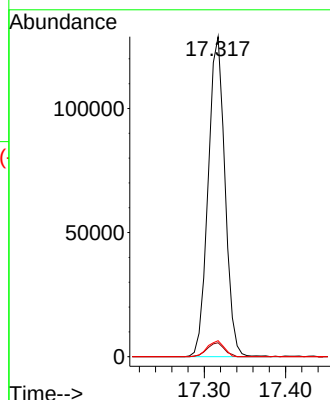
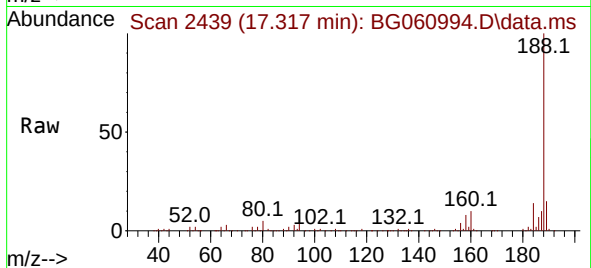
80 5.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#75

Fluoranthene

Concen: 4.335 ng

RT: 19.368 min Scan# 2788

Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

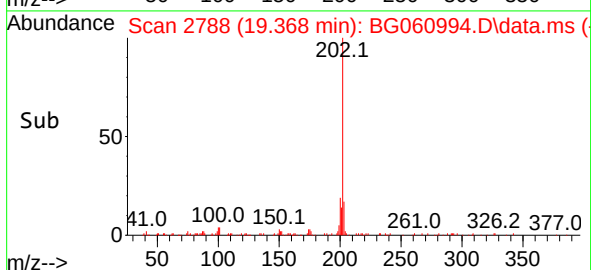
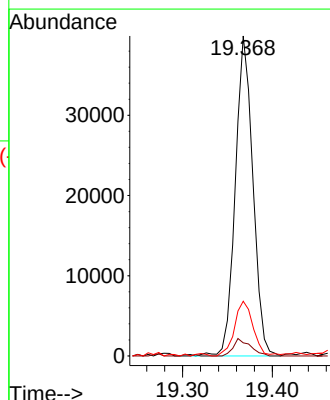
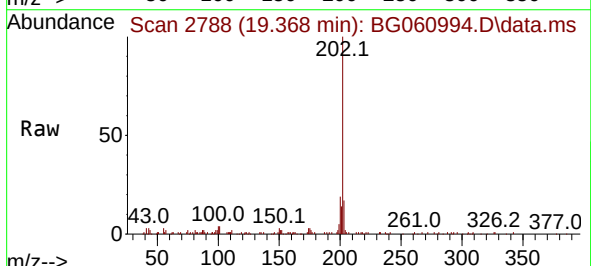
Tgt Ion:202 Resp: 54232

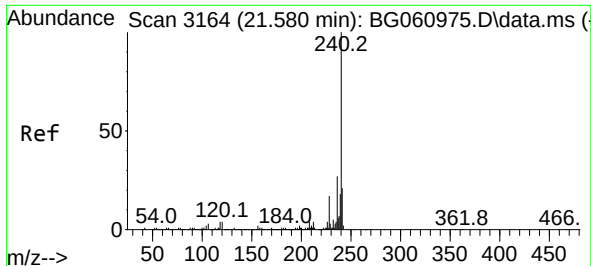
Ion Ratio Lower Upper

202 100

101 4.1 0.0 24.9

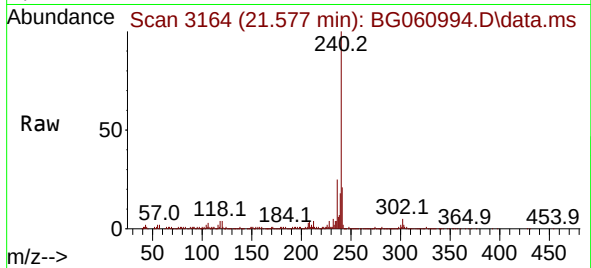
203 17.1 0.0 36.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

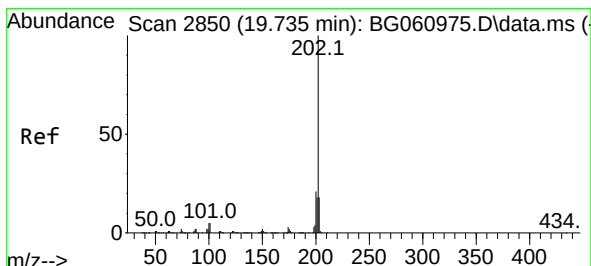
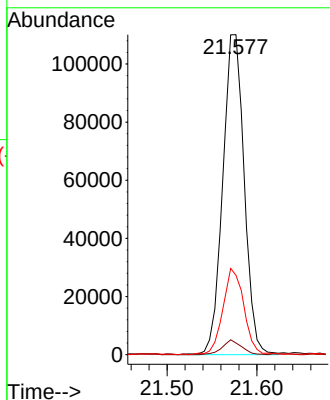
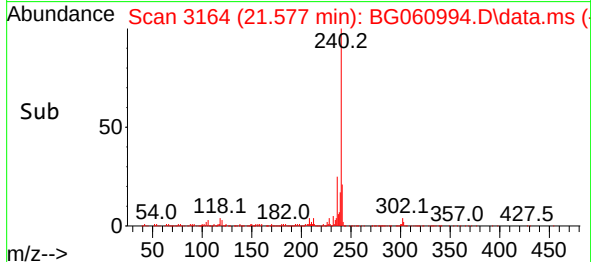
Instrument :
BNA_G
ClientSampleId :
COMP-B



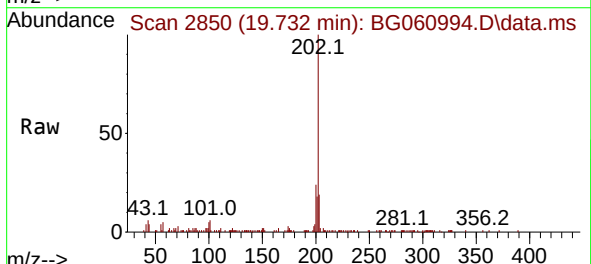
Tgt Ion:240 Resp: 182809
Ion Ratio Lower Upper
240 100
120 3.6 3.0 4.6
236 24.8 21.8 32.6

Manual Integrations
APPROVED

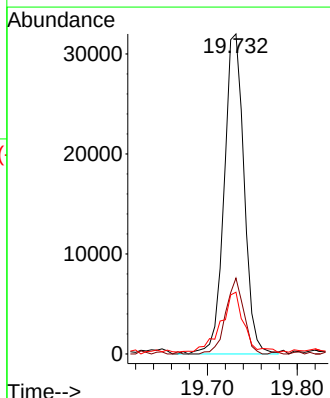
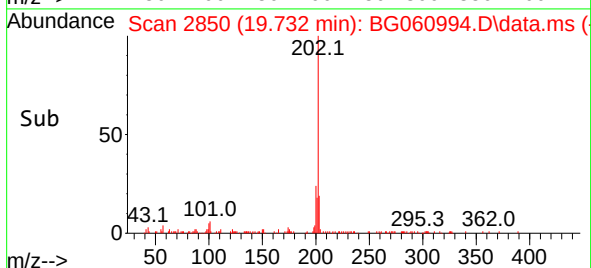
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

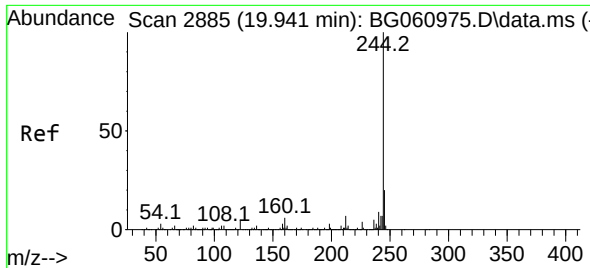


#78
Pyrene
Concen: 3.954 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43



Tgt Ion:202 Resp: 49223
Ion Ratio Lower Upper
202 100
200 23.7 16.8 25.2
203 19.3 14.2 21.2





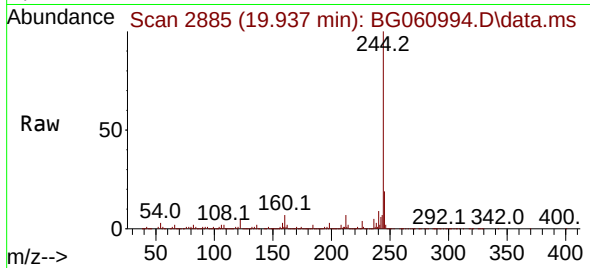
#79
 Terphenyl-d14
 Concen: 57.267 ng
 RT: 19.937 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060994.D
 Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B



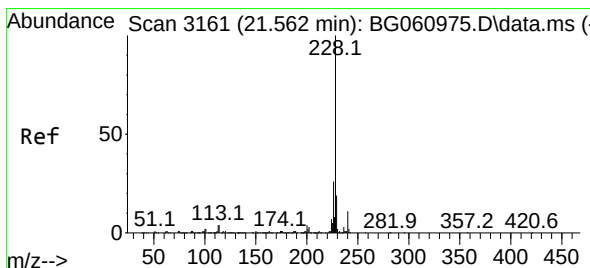
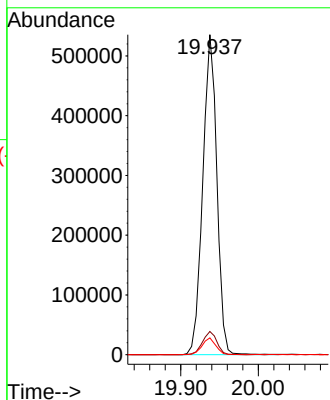
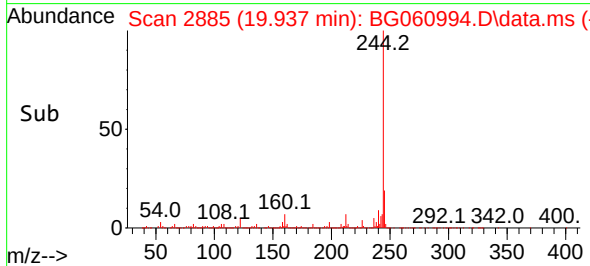
Tgt Ion:244 Resp: 674440
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 5.3 4.2 6.2

Manual Integrations

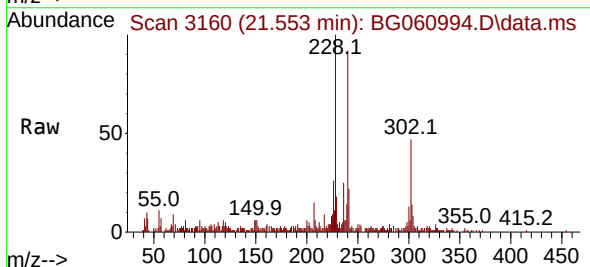
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

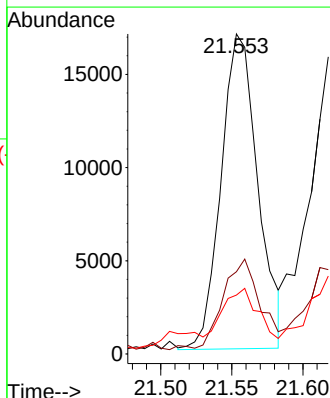
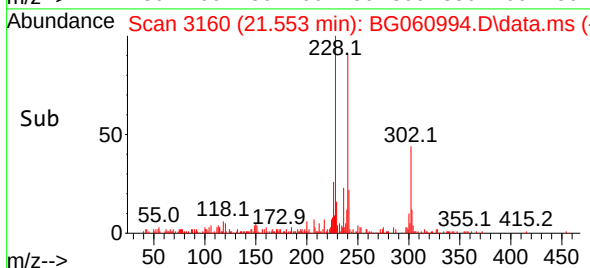
Supervised By :mohammad ahmed 04/24/2024

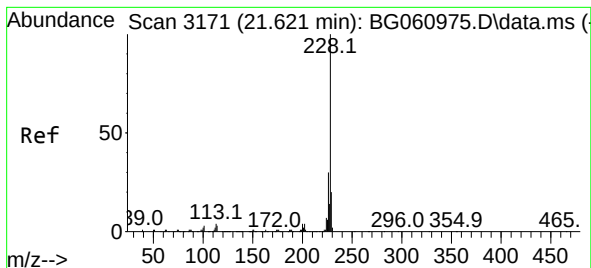


#81
 Benzo(a)anthracene
 Concen: 2.372 ng
 RT: 21.553 min Scan# 3160
 Delta R.T. -0.009 min
 Lab File: BG060994.D
 Acq: 22 Apr 2024 16:43



Tgt Ion:228 Resp: 30488
 Ion Ratio Lower Upper
 228 100
 226 25.7 21.0 31.4
 229 18.4 15.0 22.4





#83

Chrysene

Concen: 2.250 ng m

RT: 21.618 min Scan# 3171

Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

Instrument :

BNA_G

ClientSampleId :

COMP-B

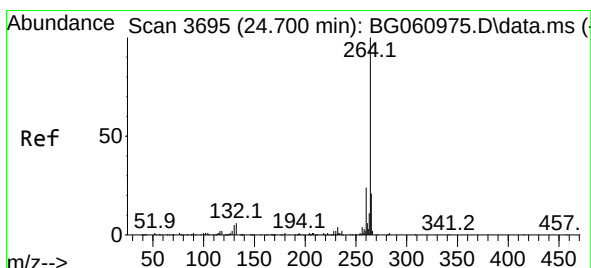
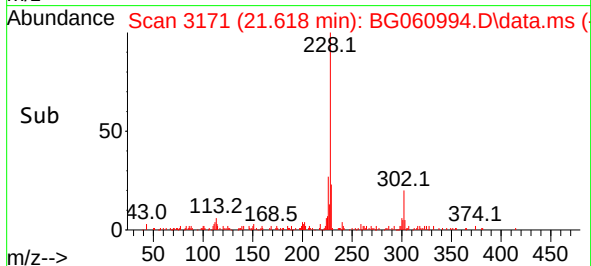
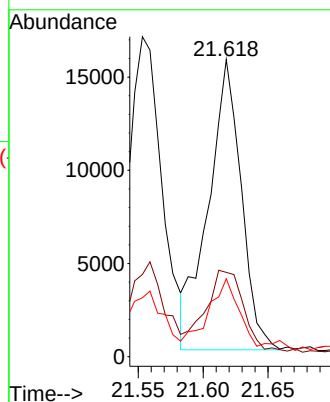
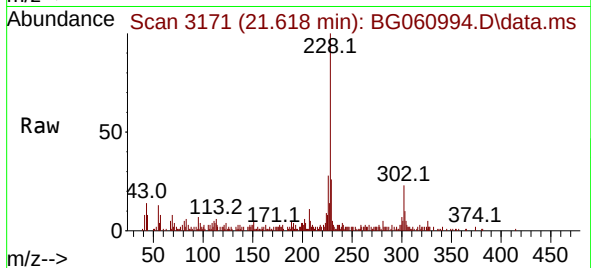
Tgt Ion:228	Resp:	2753
Ion Ratio	Lower	Upper
228	100	
226	28.4	24.2 36.2
229	26.2	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#86

Perylene-d12

Concen: 20.000 ng

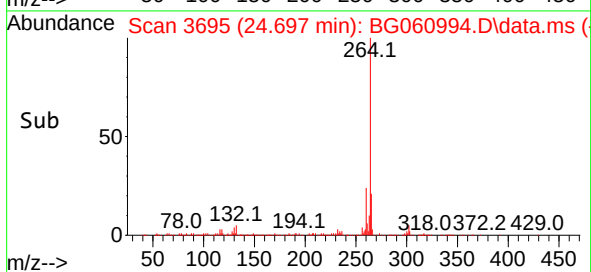
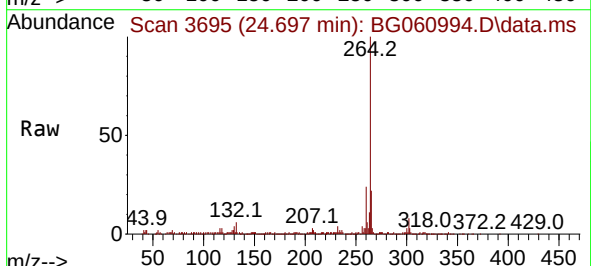
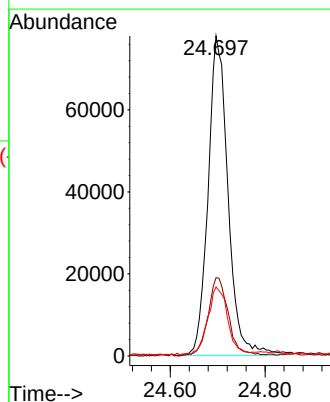
RT: 24.697 min Scan# 3695

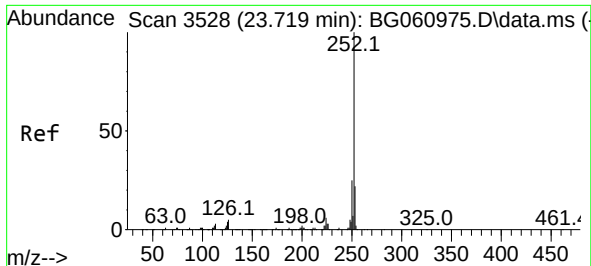
Delta R.T. -0.003 min

Lab File: BG060994.D

Acq: 22 Apr 2024 16:43

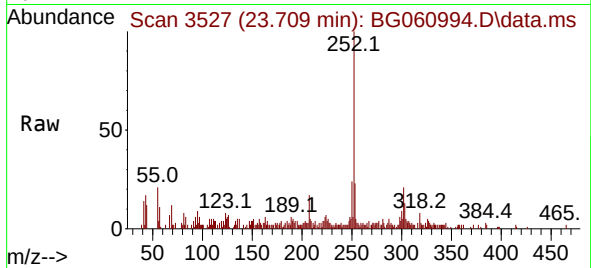
Tgt Ion:264	Resp:	227083
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.4 29.2
265	21.6	17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.800 ng
RT: 23.709 min Scan# 3528
Delta R.T. -0.009 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43

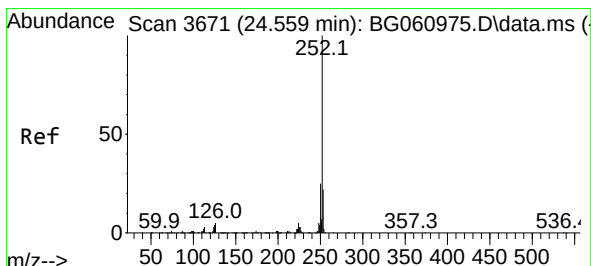
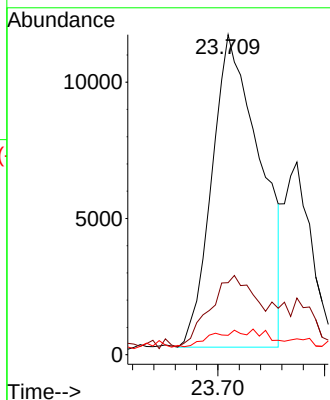
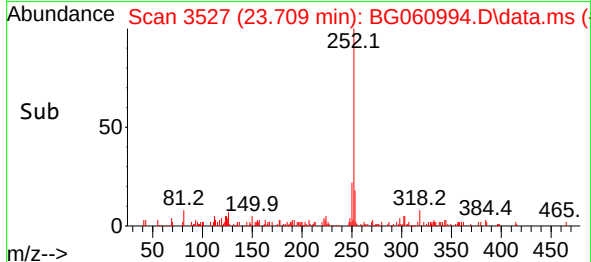
Instrument :
BNA_G
ClientSampleId :
COMP-B



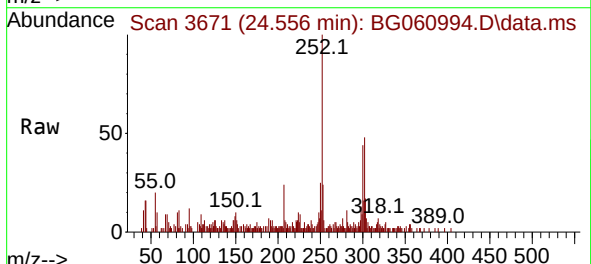
Tgt Ion:252 Resp: 3602
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 6.1 3.3 4.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#90
Benzo(a)pyrene
Concen: 2.058 ng
RT: 24.556 min Scan# 3671
Delta R.T. -0.003 min
Lab File: BG060994.D
Acq: 22 Apr 2024 16:43



Tgt Ion:252 Resp: 25632
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 6.2 3.6 5.4

