

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057849.D
 Acq On : 23 Jun 2023 19:53
 Operator : CG/JU
 Sample : 03363-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCKING

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 23 23:16:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/26/2023
1) 1,4-Dichlorobenzene-d4	7.920	152	40312	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.723	136	169756	20.000	ng	0.00	
39) Acenaphthene-d10	14.554	164	118942	20.000	ng	0.00	
64) Phenanthrene-d10	17.297	188	288893	20.000	ng	0.00	
76) Chrysene-d12	21.551	240	260603	20.000	ng	0.00	
86) Perylene-d12	24.701	264	326440	20.000	ng	0.00	06/27/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.494	112	230591	88.199	ng	0.00	
7) Phenol-d6	7.086	99	343718	86.162	ng	0.00	
23) Nitrobenzene-d5	9.078	82	216094	65.333	ng	-0.01	
42) 2,4,6-Tribromophenol	16.040	330	141060	85.137	ng	0.00	
45) 2-Fluorobiphenyl	13.179	172	490826	62.590	ng	0.00	
79) Terphenyl-d14	19.912	244	889707	63.660	ng	0.00	
Target Compounds							Qvalue
31) Naphthalene	10.770	128	46646	5.163	ng		98
37) 2-Methylnaphthalene	12.380	142	13607	2.066	ng		96
52) Acenaphthene	14.618	154	105186	15.777	ng		99
55) Dibenzofuran	14.953	168	125913	11.746	ng		98
58) Fluorene	15.599	166	173533	20.450	ng		98
71) Phenanthrene	17.344	178	1387704	99.209	ng		97
72) Anthracene	17.433	178	509977	35.705	ng		99
73) Carbazole	17.703	167	653934	49.655	ng		100
75) Fluoranthene	19.372	202	1134073	68.057	ng		98
78) Pyrene	19.718	202	1079263	58.056	ng		98
81) Benzo(a)anthracene	21.534	228	312848	17.497	ng		99
83) Chrysene	21.598	228	309105	18.014	ng		98
87) Indeno(1,2,3-cd)pyrene	28.267	276	62451	2.926	ng	#	93
88) Benzo(b)fluoranthene	23.708	252	206351	11.535	ng	#	97
89) Benzo(k)fluoranthene	23.760	252	76815m	4.216	ng		
90) Benzo(a)pyrene	24.548	252	150787	8.583	ng		98
92) Benzo(g,h,i)perylene	29.395	276	56984	3.214	ng		99

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

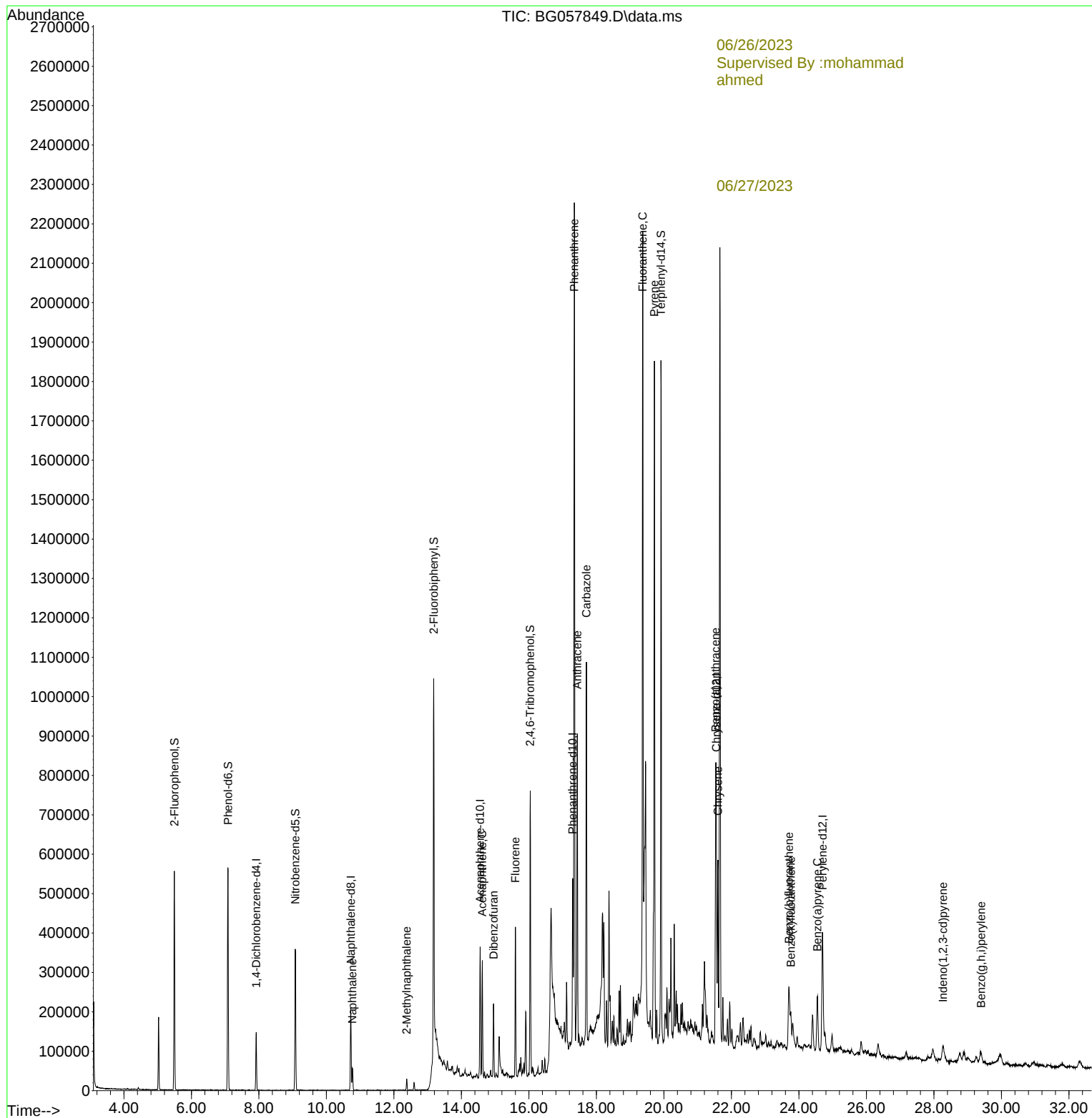
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057849.D
Acq On : 23 Jun 2023 19:53
Operator : CG/JU
Sample : 03363-03
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ALS Vial : 4 Sample Multiplier: 1

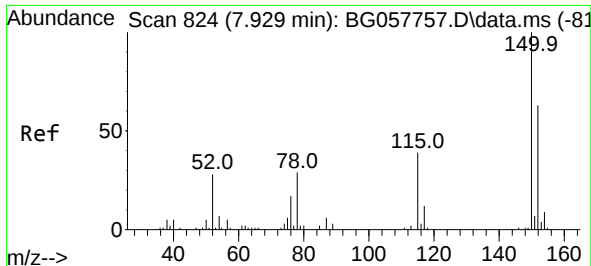
Instrument :
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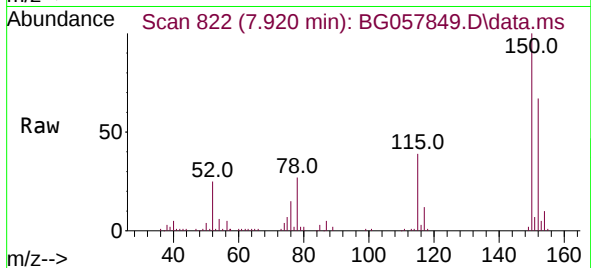
Quant Time: Jun 23 23:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

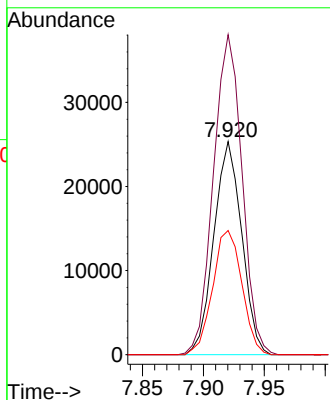
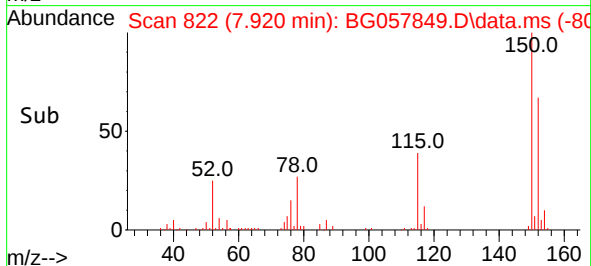
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:152 Resp: 40312
Ion Ratio Lower Upper
152 100
150 150.2 126.6 189.8
115 58.3 48.9 73.3

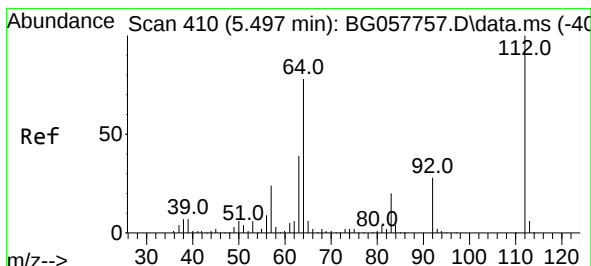
Manual Integrations
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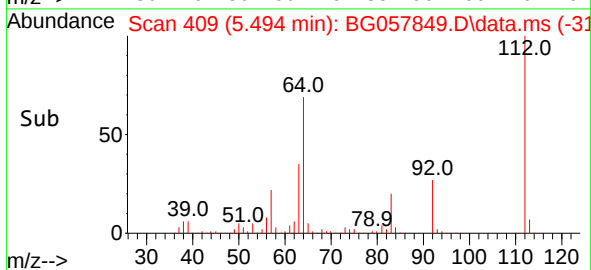
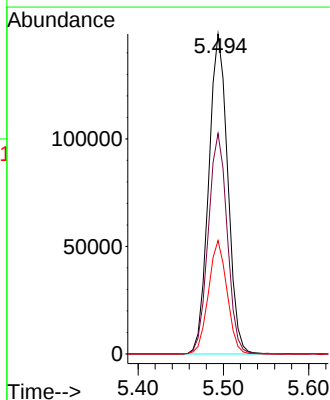
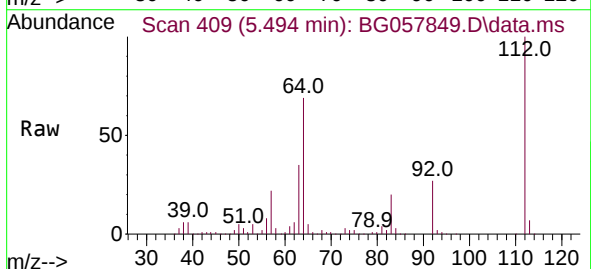
06/26/2023
Supervised By :mohammad
ahmed

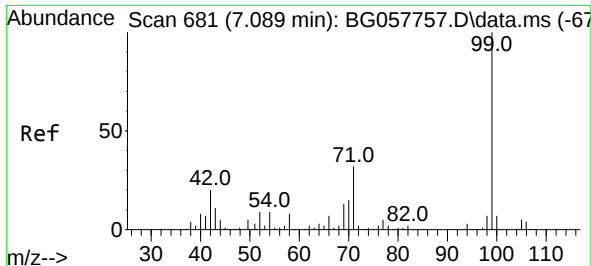
06/27/2023



#5
2-Fluorophenol
Concen: 88.199 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

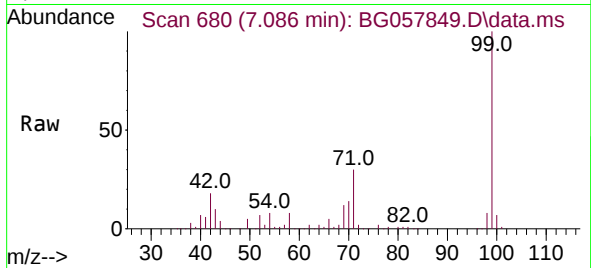
Tgt Ion:112 Resp: 230591
Ion Ratio Lower Upper
112 100
64 68.9 62.1 93.1
63 35.5 31.5 47.3





#7
Phenol-d6
Concen: 86.162 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

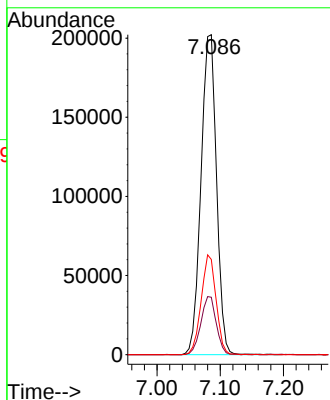
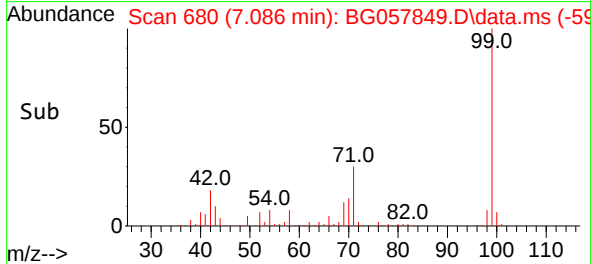
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion: 99 Resp: 343718
Ion Ratio Lower Upper
99 100
42 17.9 16.4 24.6
71 29.7 25.8 38.6

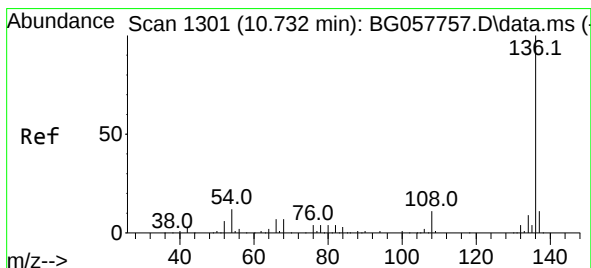
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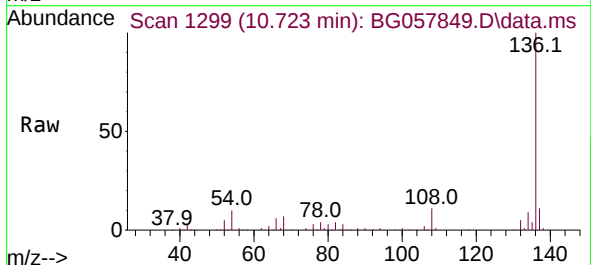


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Supervised By :mohammad
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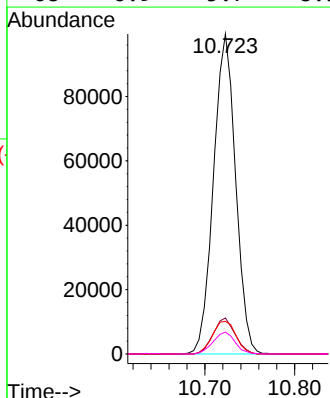
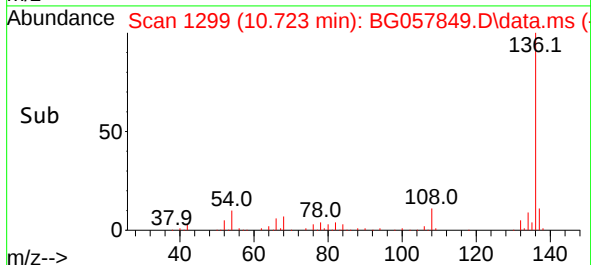
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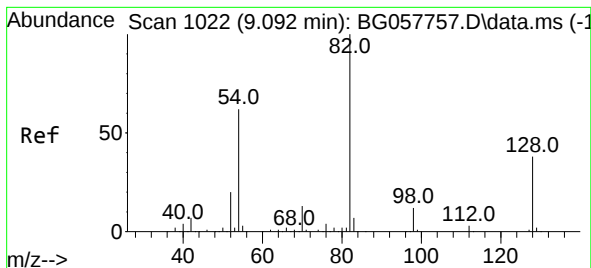


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53



Tgt Ion:136 Resp: 169756
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.2 9.5 14.3
68 6.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 65.333 ng

RT: 9.078 min Scan# 1022

Delta R.T. -0.015 min

Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

Instrument :

BNA_G

ClientSampleId :

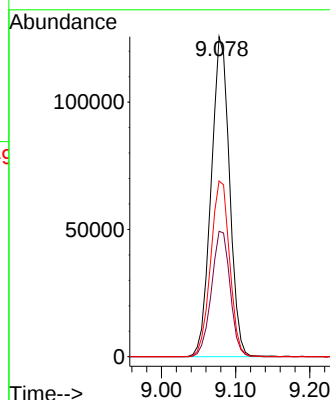
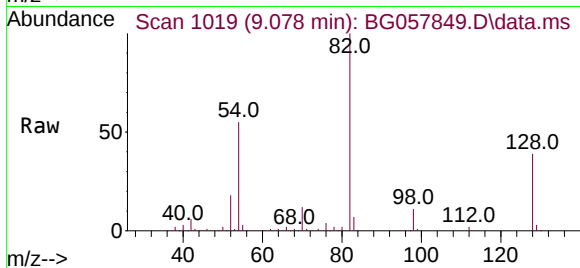
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Tgt Ion: 82 Resp: 216094

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.7	46.1
54	54.9	49.6	74.4

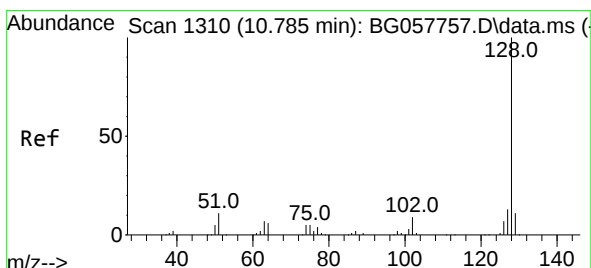
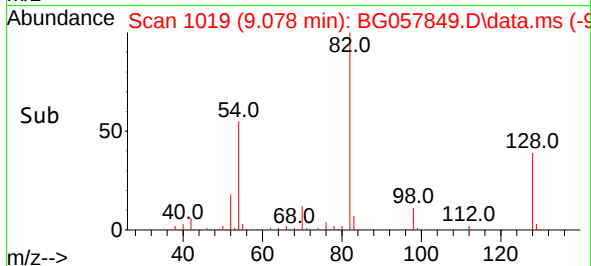
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#31

Naphthalene

Concen: 5.163 ng

RT: 10.770 min Scan# 1307

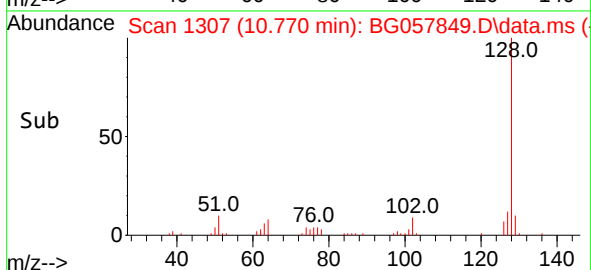
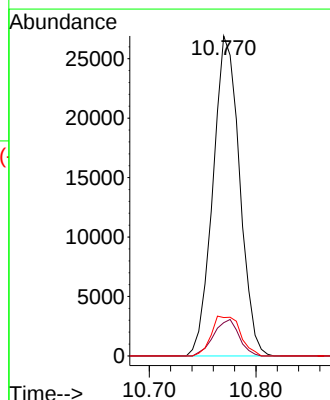
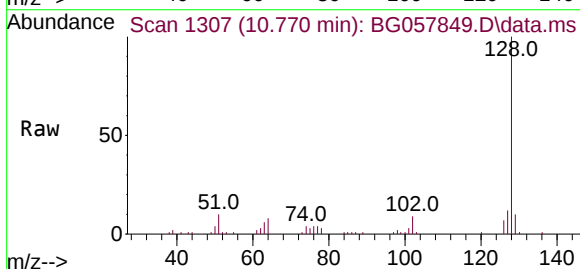
Delta R.T. -0.015 min

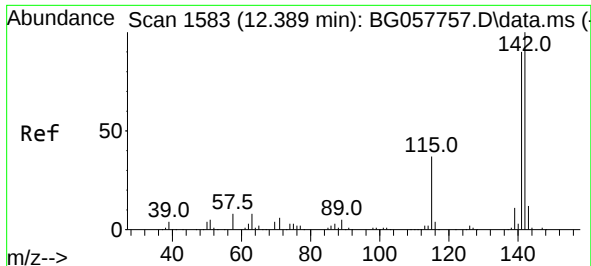
Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

Tgt Ion:128 Resp: 46646

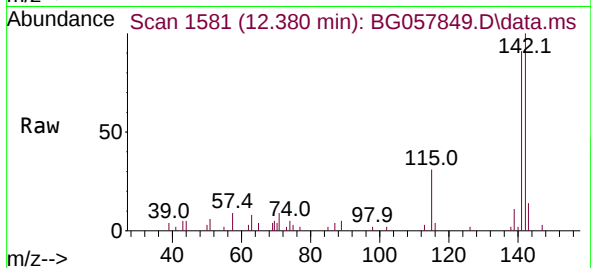
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	12.0	10.7	16.1





#37
2-Methylnaphthalene
Concen: 2.066 ng
RT: 12.380 min Scan# 1581
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

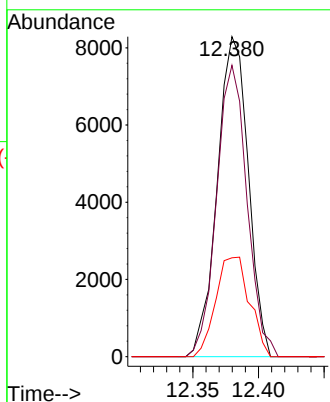
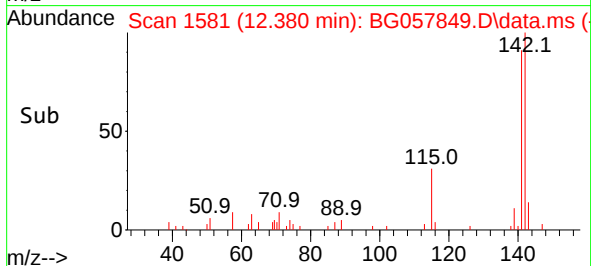
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1
115 30.9 29.7 44.5

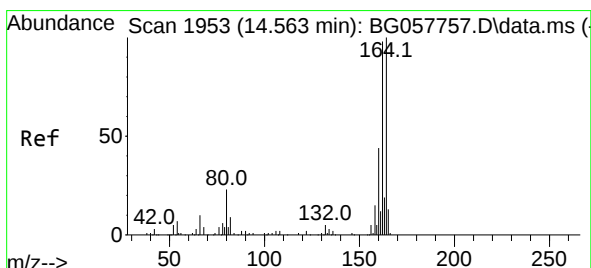
Manual Integrations
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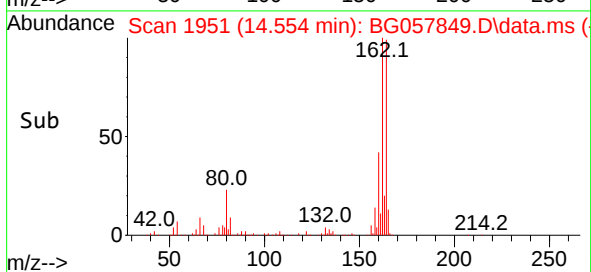
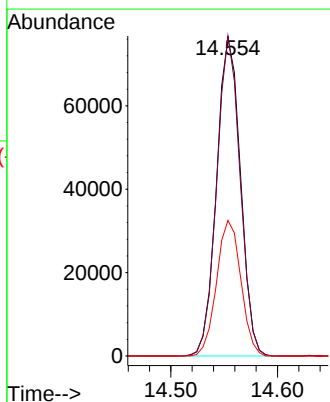
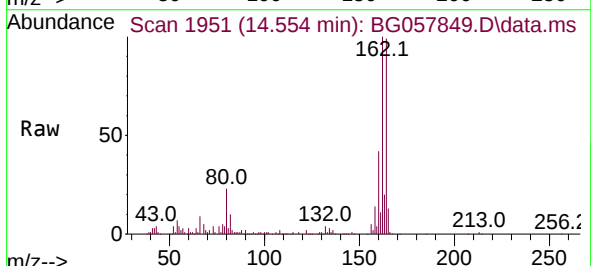
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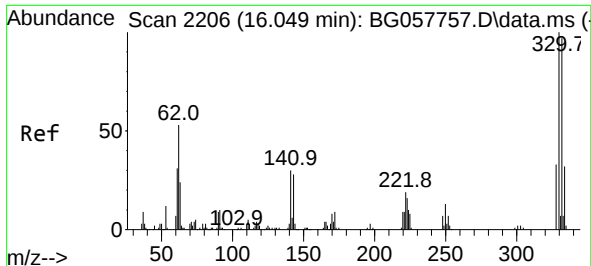
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

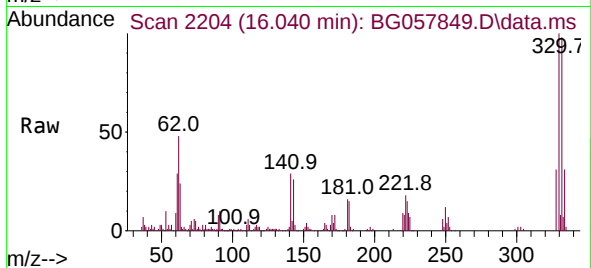
Tgt Ion:164 Resp: 118942
Ion Ratio Lower Upper
164 100
162 100.6 78.3 117.5
160 42.6 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 85.137 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

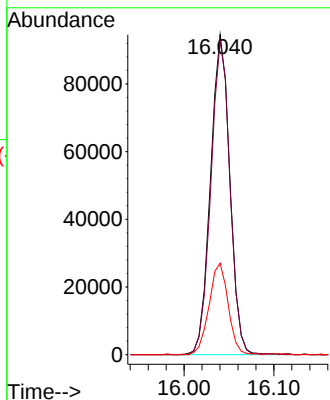
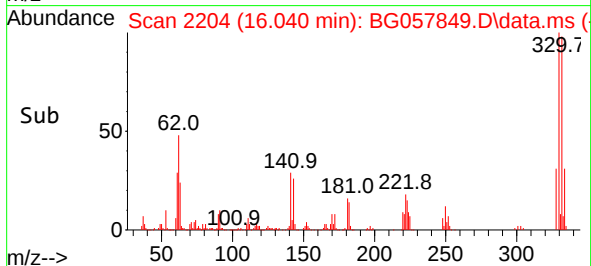
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:330 Resp: 141060
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.4 24.7 37.1

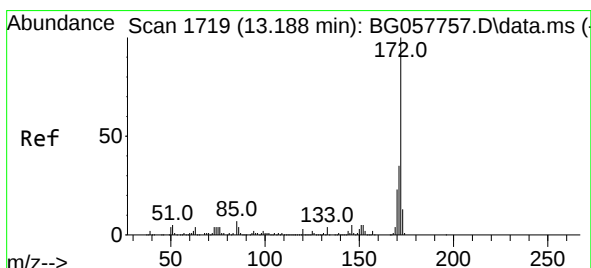
Manual Integrations
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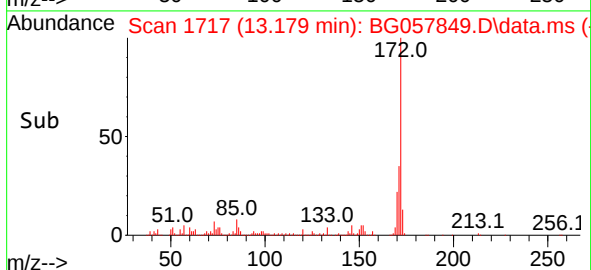
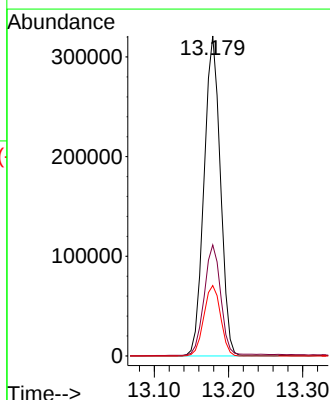
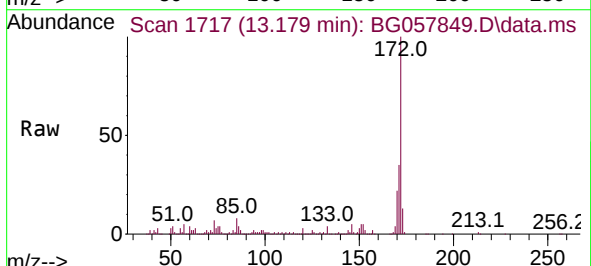
06/26/2023
Supervised By :mohammad
ahmed

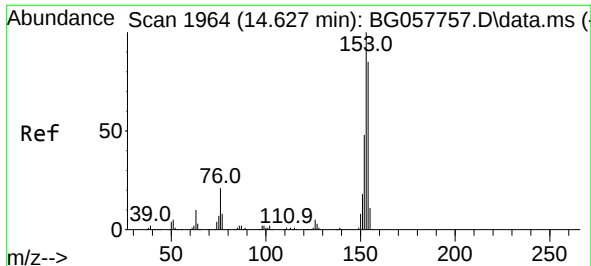
06/27/2023



#45
2-Fluorobiphenyl
Concen: 62.590 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

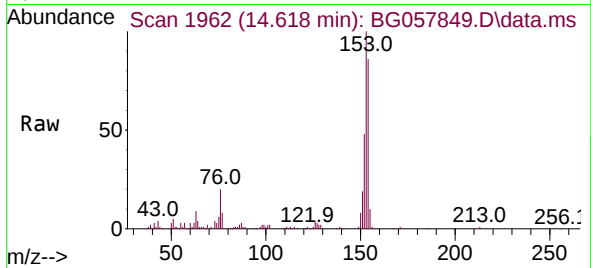
Tgt Ion:172 Resp: 490826
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.0 18.6 27.8





#52
Acenaphthene
Concen: 15.777 ng
RT: 14.618 min Scan# 1964
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

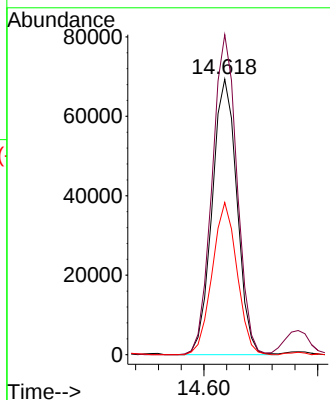
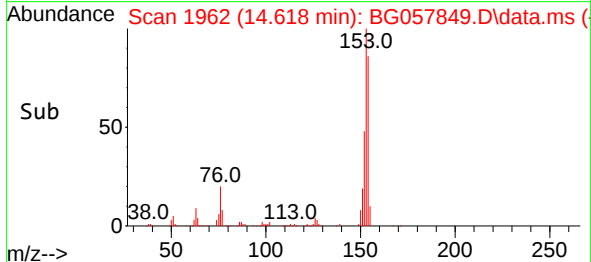
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:154 Resp: 105180
Ion Ratio Lower Upper
154 100
153 116.1 93.6 140.4
152 55.2 44.7 67.1

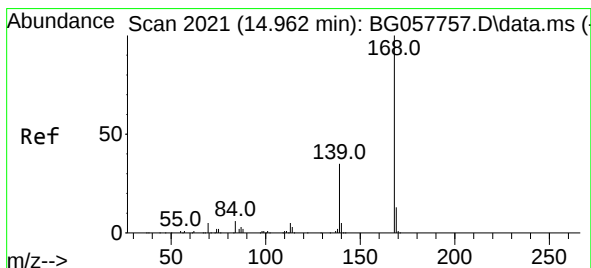
Manual Integrations
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Patel



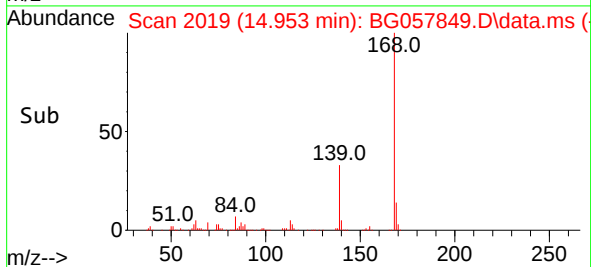
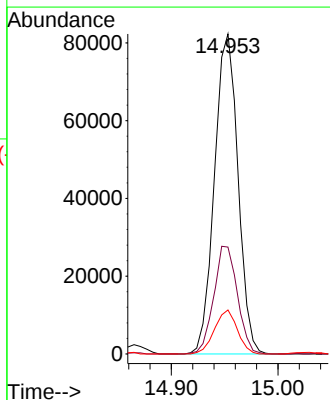
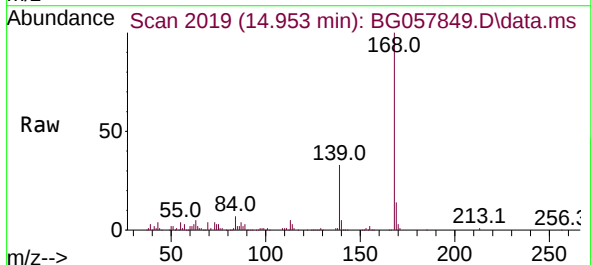
06/26/2023
Supervised By :mohammad
ahmed

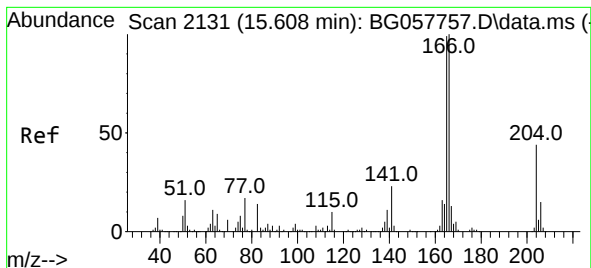
06/27/2023



#55
Dibenzofuran
Concen: 11.746 ng
RT: 14.953 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

Tgt Ion:168 Resp: 125913
Ion Ratio Lower Upper
168 100
139 33.4 28.1 42.1
169 13.7 10.7 16.1





#58

Fluorene

Concen: 20.450 ng

RT: 15.599 min Scan# 2131

Delta R.T. -0.009 min

Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

Instrument :

BNA_G

ClientSampleId :

CONCRETE-BLOCKING

Tgt Ion:166 Resp: 17353

Ion Ratio Lower Upper

166 100

165 102.1 79.5 119.3

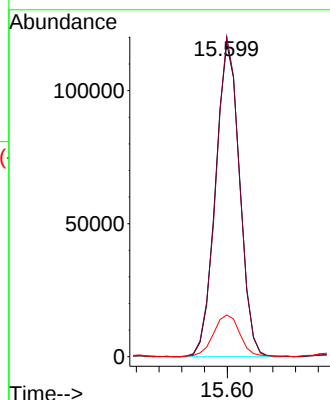
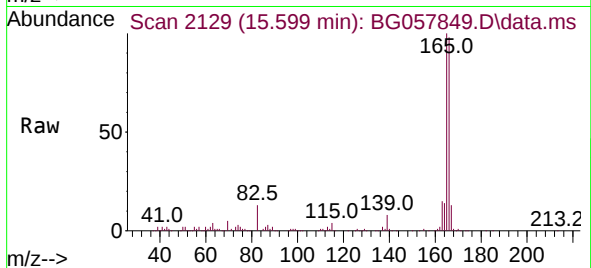
167 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh

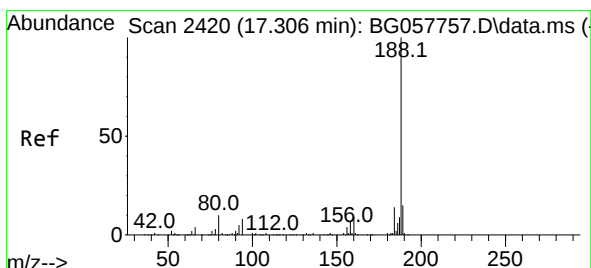
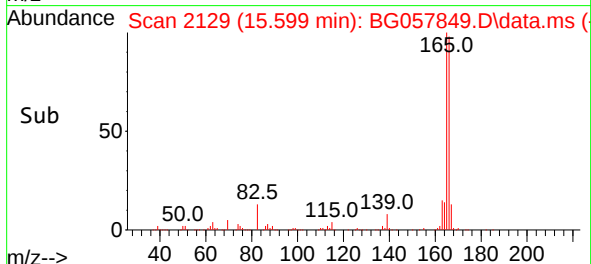
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Supervised By :mohammad
ahmed

06/27/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 2418

Delta R.T. -0.009 min

Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

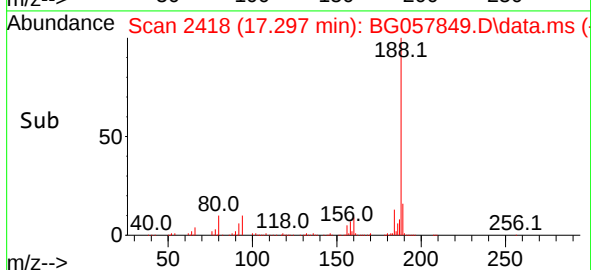
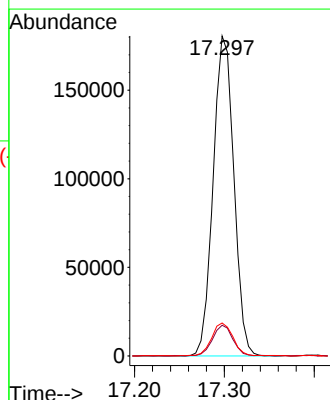
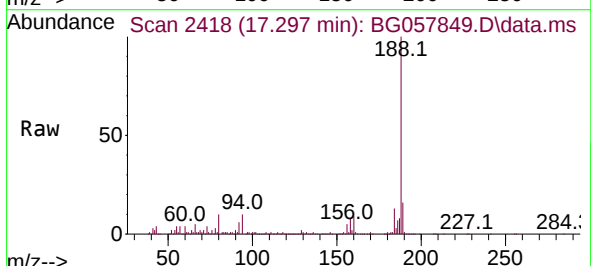
Tgt Ion:188 Resp: 288893

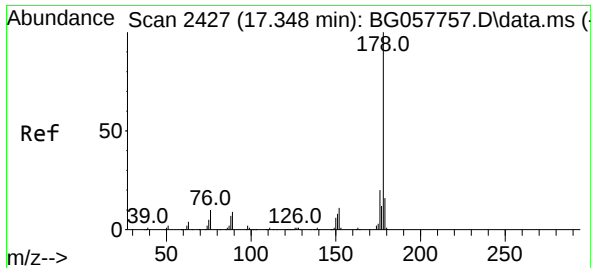
Ion Ratio Lower Upper

188 100

94 9.6 6.6 9.8

80 10.3 7.6 11.4





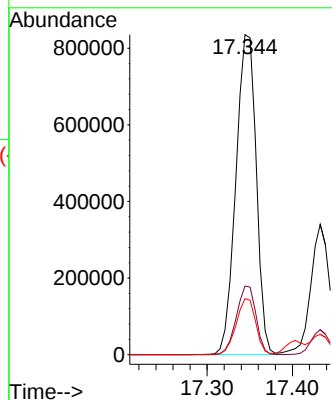
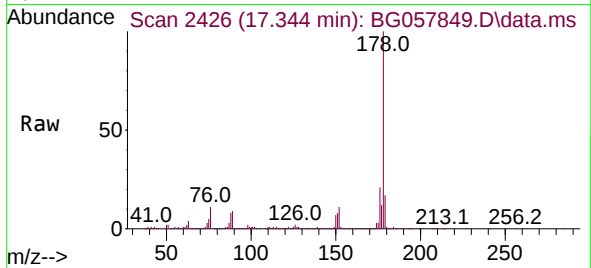
#71
Phenanthrene
Concen: 99.209 ng
RT: 17.344 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING

Tgt Ion:178 Resp: 1387704
Ion Ratio Lower Upper
178 100
176 21.5 16.3 24.5
179 17.5 13.0 19.6

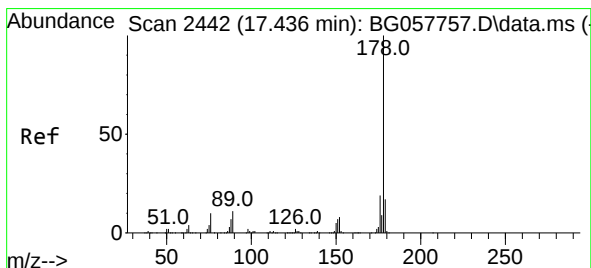
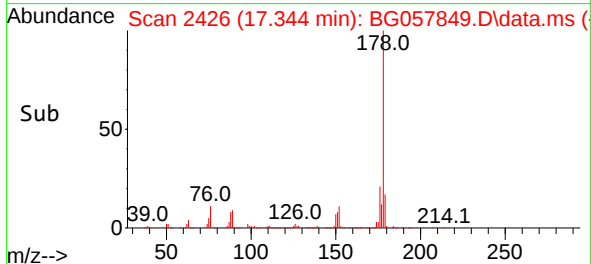
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Reviewed By :Yogesh
Patel



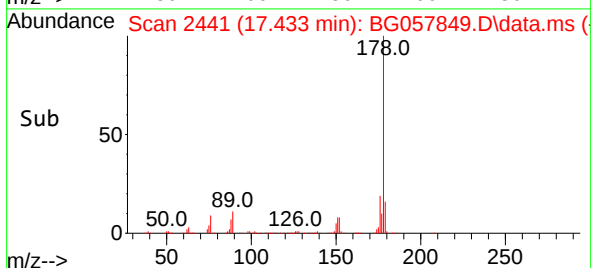
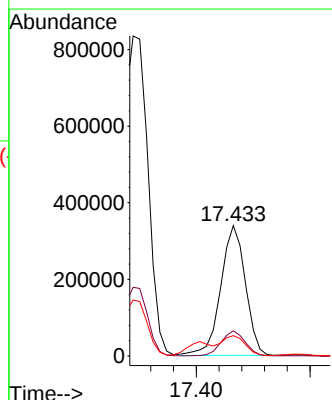
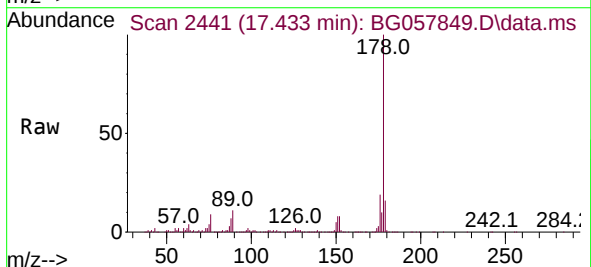
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Supervised By :mohammad
ahmed

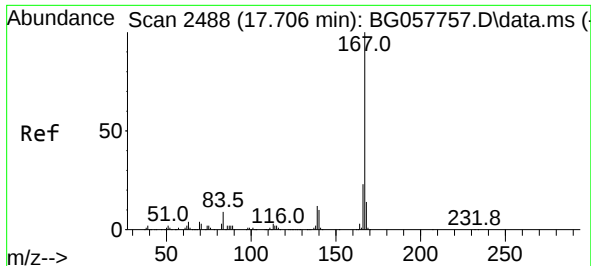
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#72
Anthracene
Concen: 35.705 ng
RT: 17.433 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

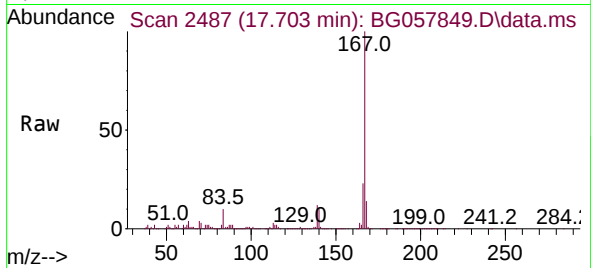
Tgt Ion:178 Resp: 509977
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 13.3 19.9





#73
 Carbazole
 Concen: 49.655 ng
 RT: 17.703 min Scan# 2488
 Delta R.T. -0.003 min
 Lab File: BG057849.D
 Acq: 23 Jun 2023 19:53

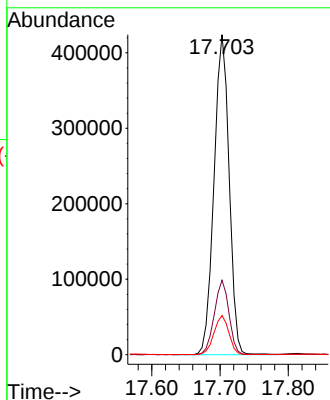
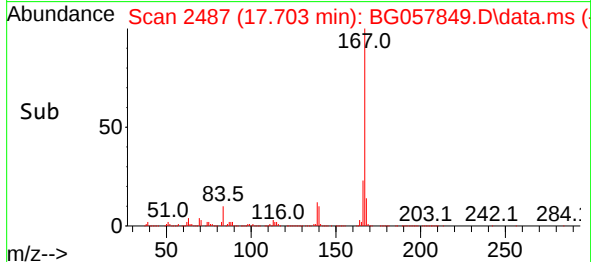
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCKING



Tgt Ion:167 Resp: 653934
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 12.2 9.9 14.9

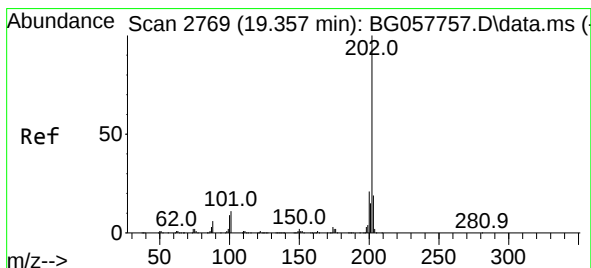
Manual Integrations
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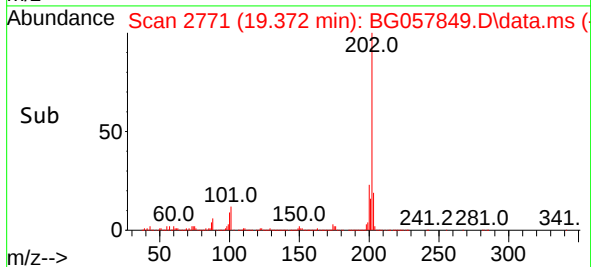
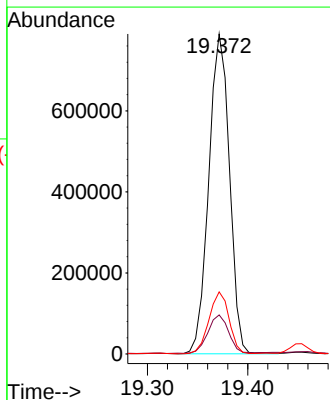
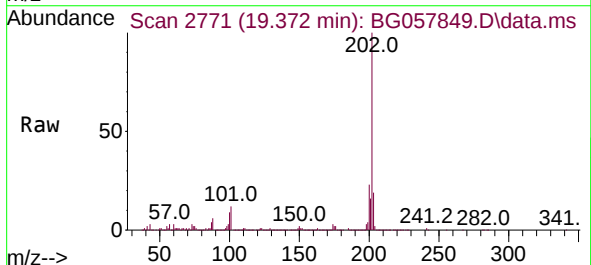
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 ahmed

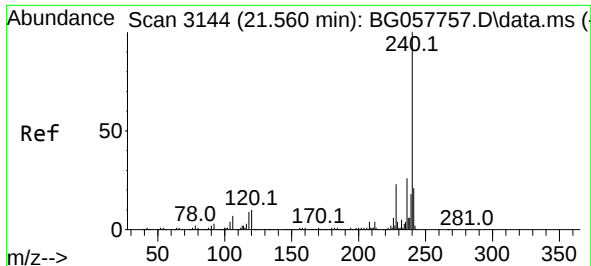
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#75
 Fluoranthene
 Concen: 68.057 ng
 RT: 19.372 min Scan# 2771
 Delta R.T. 0.015 min
 Lab File: BG057849.D
 Acq: 23 Jun 2023 19:53

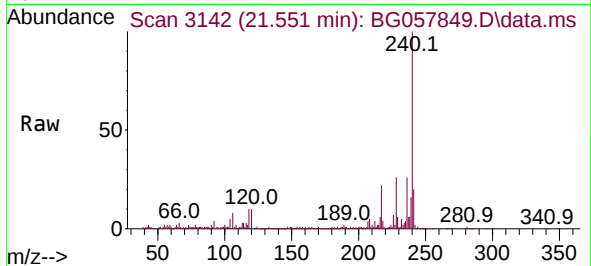
Tgt Ion:202 Resp: 1134073
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.3
 203 19.4 0.0 38.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

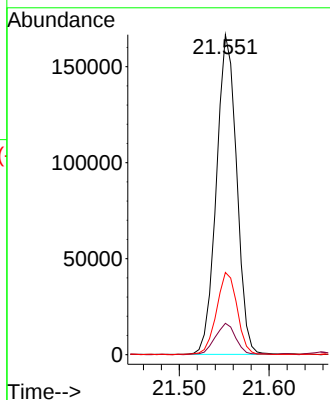
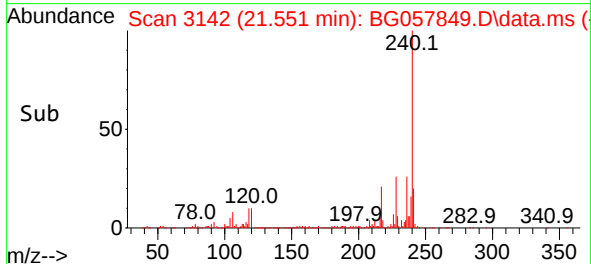
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:240 Resp: 260600
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.7 20.6 30.8

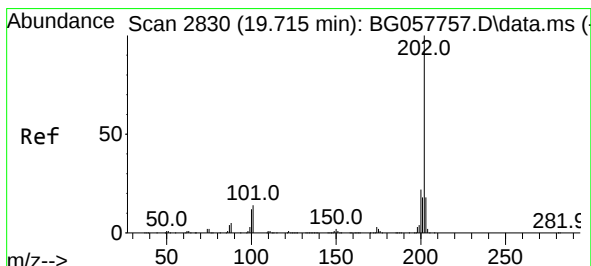
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Patel

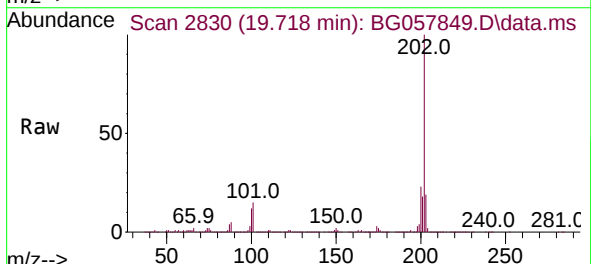


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Supervised By :mohammad
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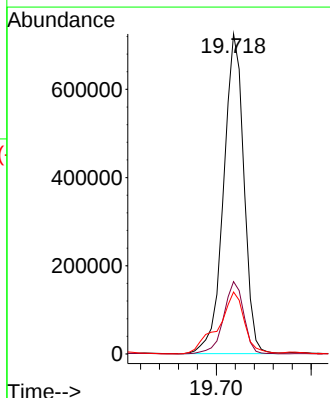
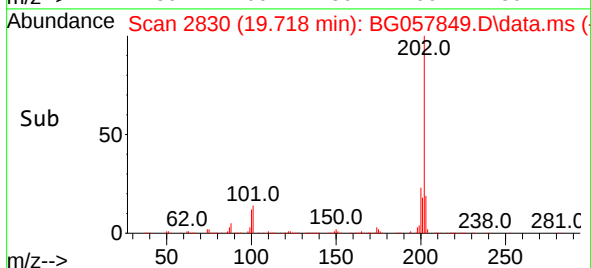
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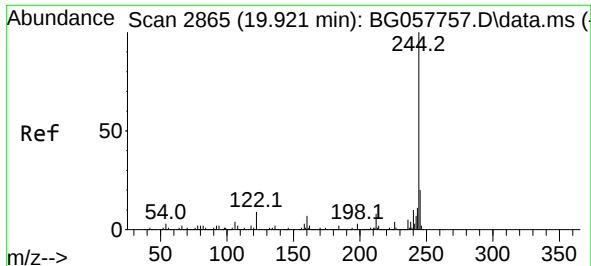


#78
Pyrene
Concen: 58.056 ng
RT: 19.718 min Scan# 2830
Delta R.T. 0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53



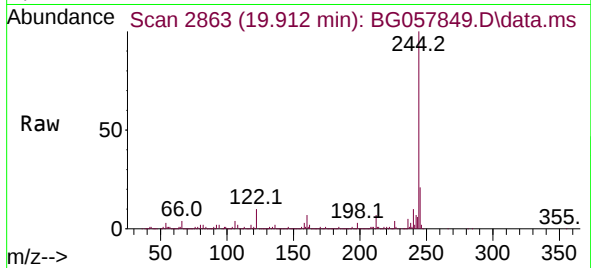
Tgt Ion:202 Resp: 1079263
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.0
203 19.4 14.6 22.0





#79
 Terphenyl-d14
 Concen: 63.660 ng
 RT: 19.912 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057849.D
 Acq: 23 Jun 2023 19:53

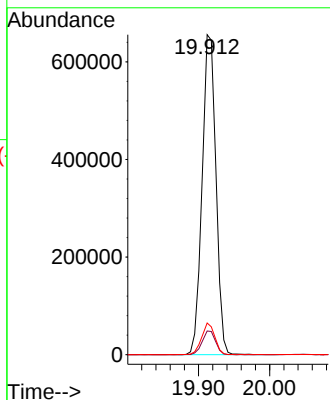
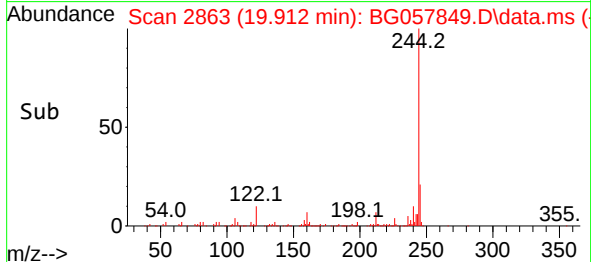
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-BLOCKING



Tgt Ion:244 Resp: 88970
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.9 7.6 11.4

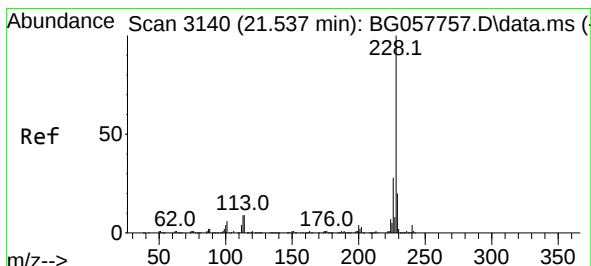
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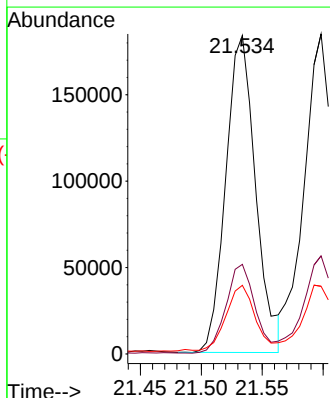
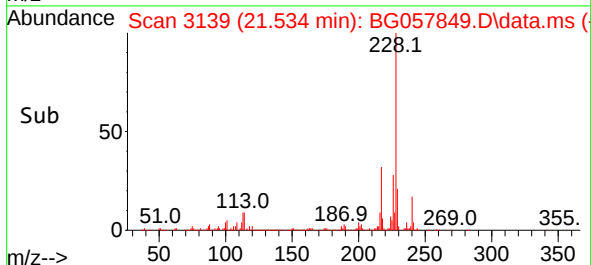
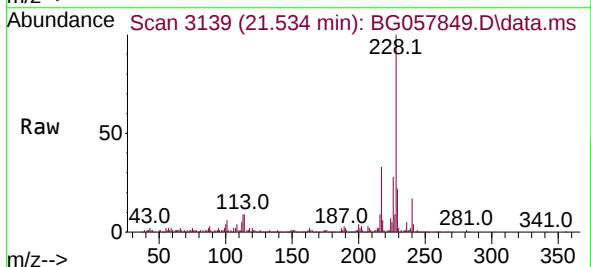
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 Supervised By :mohammad
 ahmed

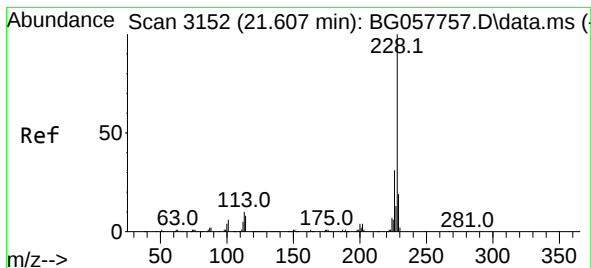
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#81
 Benzo(a)anthracene
 Concen: 17.497 ng
 RT: 21.534 min Scan# 3139
 Delta R.T. -0.003 min
 Lab File: BG057849.D
 Acq: 23 Jun 2023 19:53

Tgt Ion:228 Resp: 312848
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.3 33.5
 229 21.5 16.3 24.5





#83

Chrysene

Concen: 18.014 ng

RT: 21.598 min Scan# 3152

Delta R.T. -0.009 min

Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

Instrument :

BNA_G

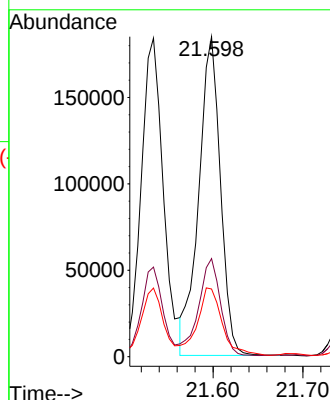
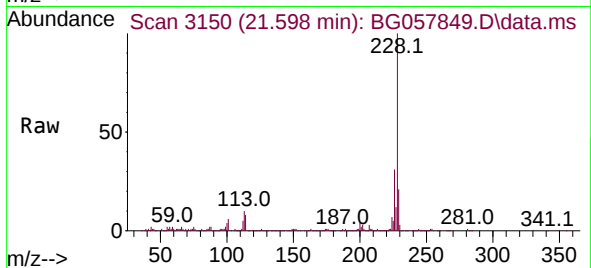
ClientSampleId :

CONCRETE-BLOCKING

Tgt Ion:228 Resp: 30910
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.8 37.2
 229 21.2 15.6 23.4

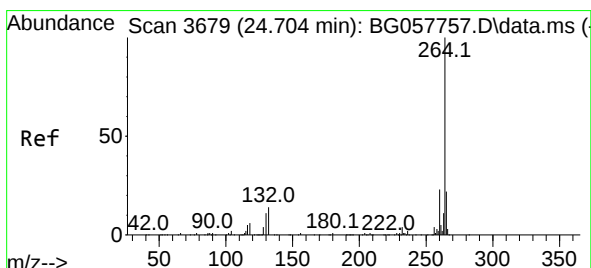
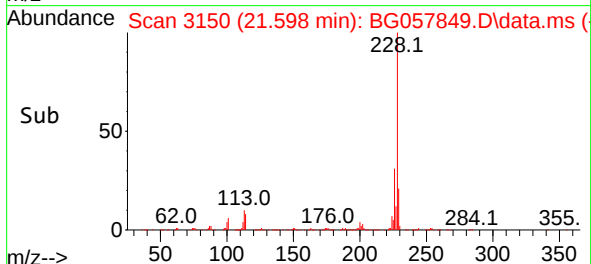
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#86

Perylene-d12

Concen: 20.000 ng

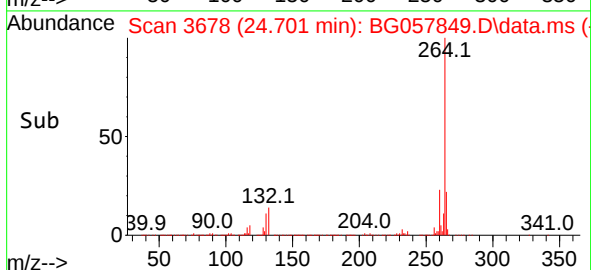
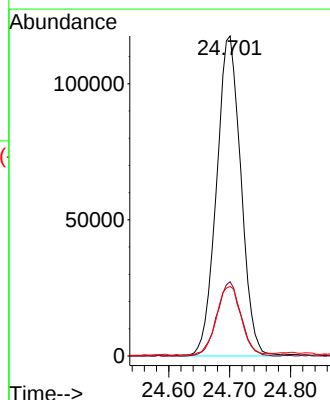
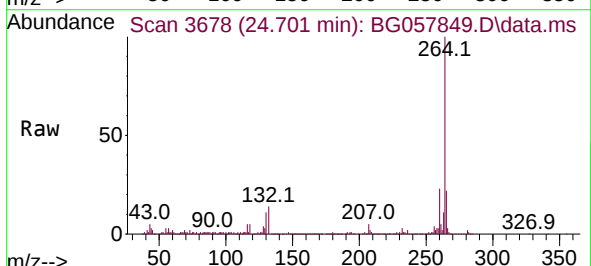
RT: 24.701 min Scan# 3678

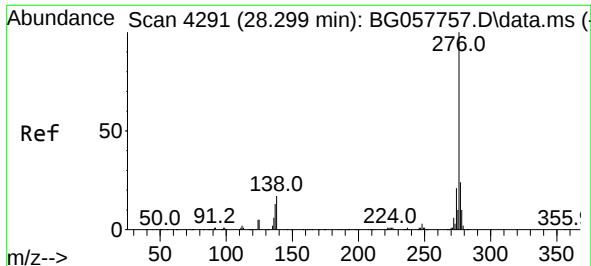
Delta R.T. -0.003 min

Lab File: BG057849.D

Acq: 23 Jun 2023 19:53

Tgt Ion:264 Resp: 326440
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.7 17.4 26.2





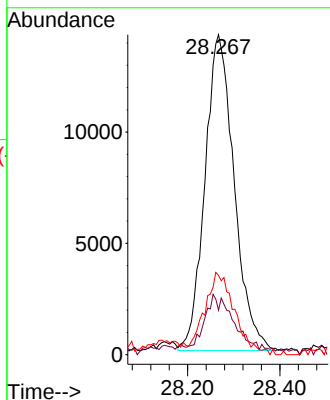
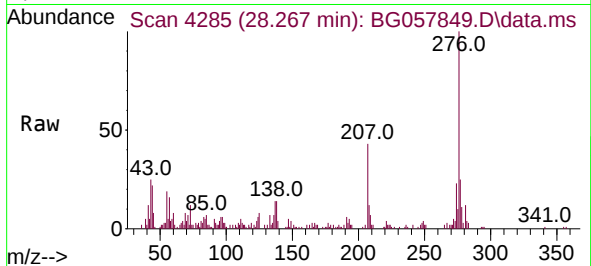
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.926 ng
RT: 28.267 min Scan# 4291
Delta R.T. -0.032 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING

Tgt Ion:276 Resp: 6245
Ion Ratio Lower Upper
276 100
138 7.5 11.3 16.9
277 26.7 20.4 30.6

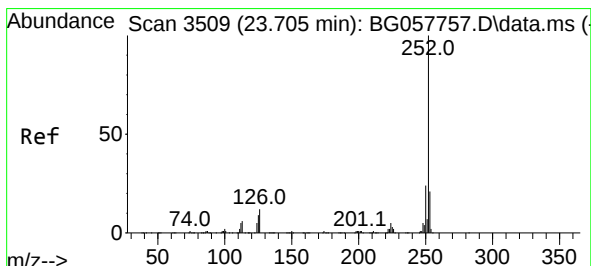
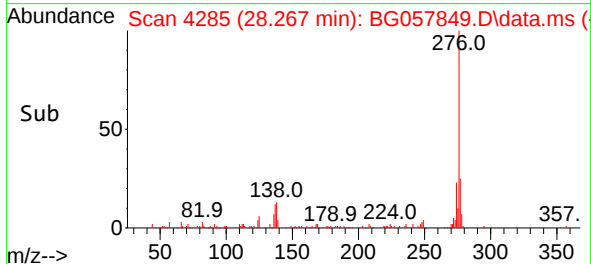
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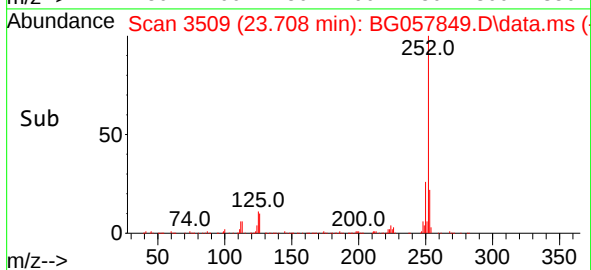
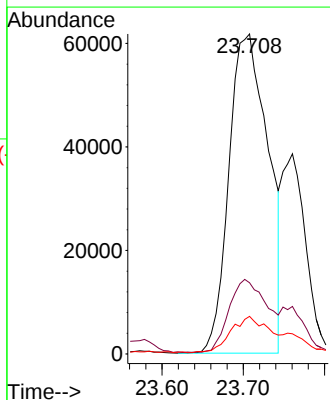
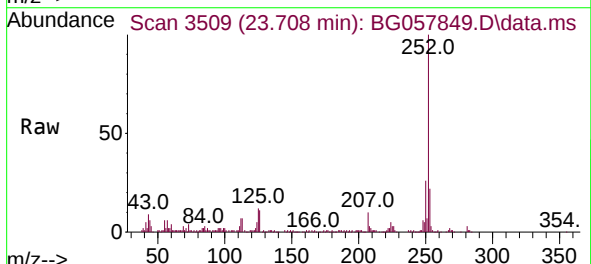
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ahmed

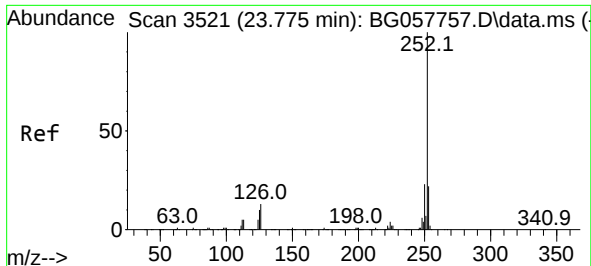
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#88
Benzo(b)fluoranthene
Concen: 11.535 ng
RT: 23.708 min Scan# 3509
Delta R.T. 0.003 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

Tgt Ion:252 Resp: 206351
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.7 7.4 11.0#





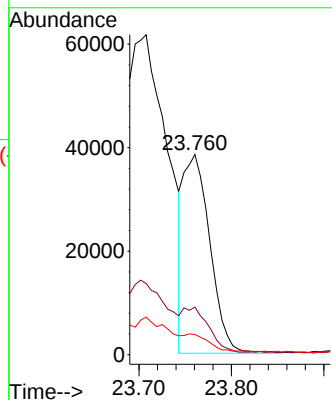
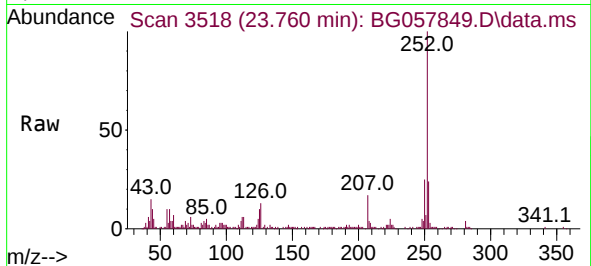
#89
Benzo(k)fluoranthene
Concen: 4.216 ng m
RT: 23.760 min Scan# 3518
Delta R.T. -0.015 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING

Tgt Ion:252 Resp: 76815
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 10.1 7.6 11.4

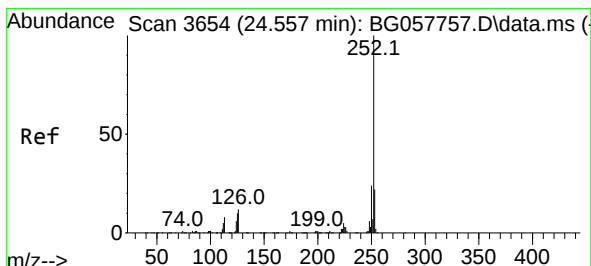
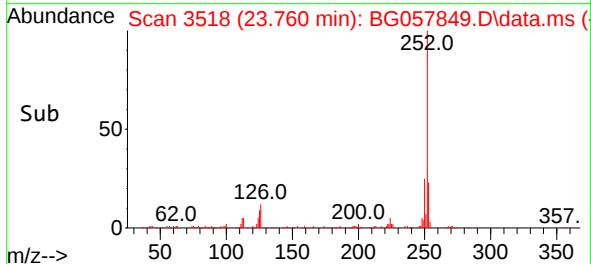
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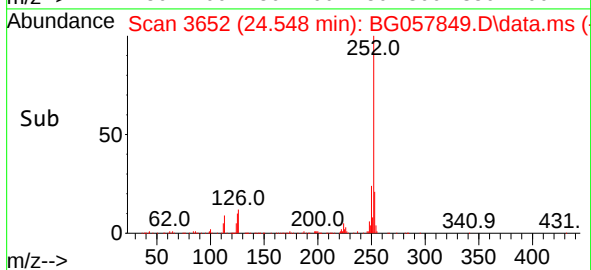
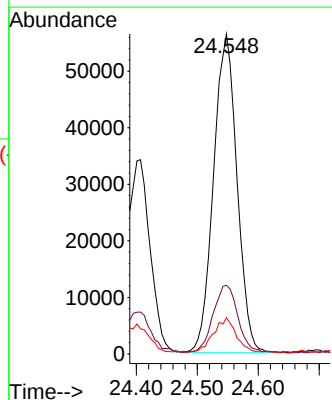
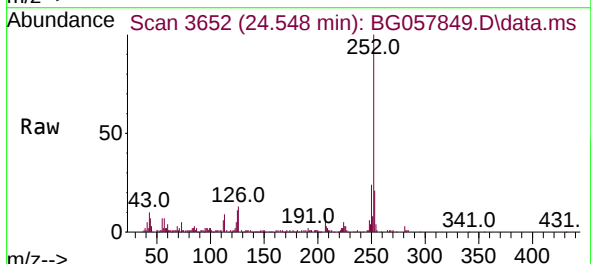
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Supervised By :mohammad
ahmed

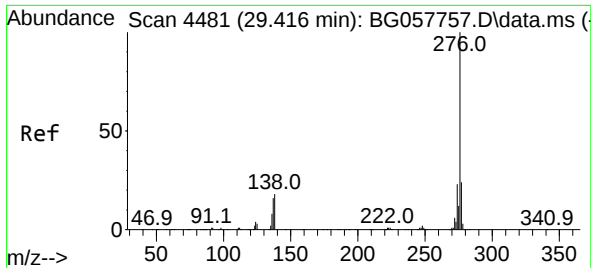
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#90
Benzo(a)pyrene
Concen: 8.583 ng
RT: 24.548 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

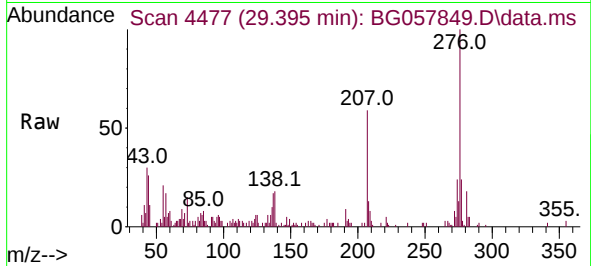
Tgt Ion:252 Resp: 150787
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 11.3 8.0 12.0





#92
Benzo(g,h,i)perylene
Concen: 3.214 ng
RT: 29.395 min Scan# 44
Delta R.T. -0.021 min
Lab File: BG057849.D
Acq: 23 Jun 2023 19:53

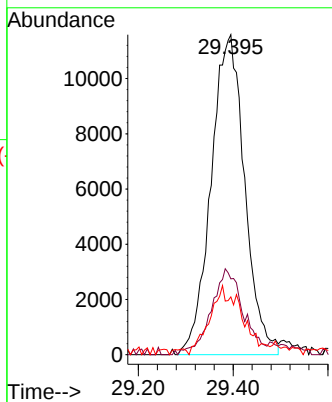
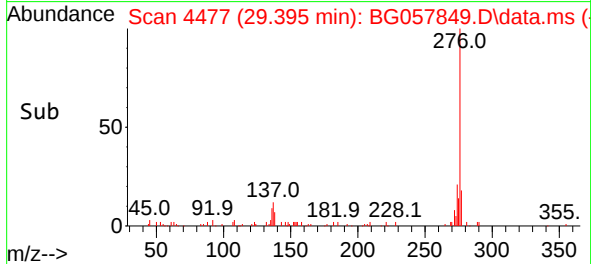
Instrument :
BNA_G
ClientSampleId :
CONCRETE-BLOCKING



Tgt Ion:276 Resp: 56984
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 18.1 14.2 21.4

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Supervised By :mohammad
ahmed

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