

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025860.D
 Acq On : 15 Jun 2023 16:17
 Operator : MA/JU
 Sample : 03225-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-84-104-061323

Quant Time: Jun 16 01:46:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 01:41:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5592	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	14367	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	7465	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	15026	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	12424	0.400	ng	0.00
35) Perylene-d12	24.040	264	12112	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	2222	0.141	ng	0.01
5) Phenol-d6	7.167	99	1388	0.072	ng	0.01
8) Nitrobenzene-d5	9.170	82	4339	0.325	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	7550	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	936	0.407	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	12020	0.381	ng	0.00
27) Fluoranthene-d10	19.407	212	14896	0.482	ng	0.00
31) Terphenyl-d14	19.997	244	11716	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	224252	34.180	ng	# 93
28) Fluoranthene	19.435	202	1202	0.026	ng	# 84
32) Benzo(a)anthracene	21.551	228	2263m	0.047	ng	
33) Chrysene	21.605	228	3435	0.068	ng	96
34) Bis(2-ethylhexyl)phtha...	21.462	149	6261	0.219	ng	99
36) Indeno(1,2,3-cd)pyrene	26.659	276	2815m	0.054	ng	
37) Benzo(b)fluoranthene	23.288	252	6002	0.126	ng	# 76
38) Benzo(k)fluoranthene	23.338	252	4666	0.096	ng	# 68
39) Benzo(a)pyrene	23.937	252	2686m	0.059	ng	
40) Dibenzo(a,h)anthracene	26.677	278	2014m	0.048	ng	
41) Benzo(g,h,i)perylene	27.451	276	2777	0.059	ng	# 85

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

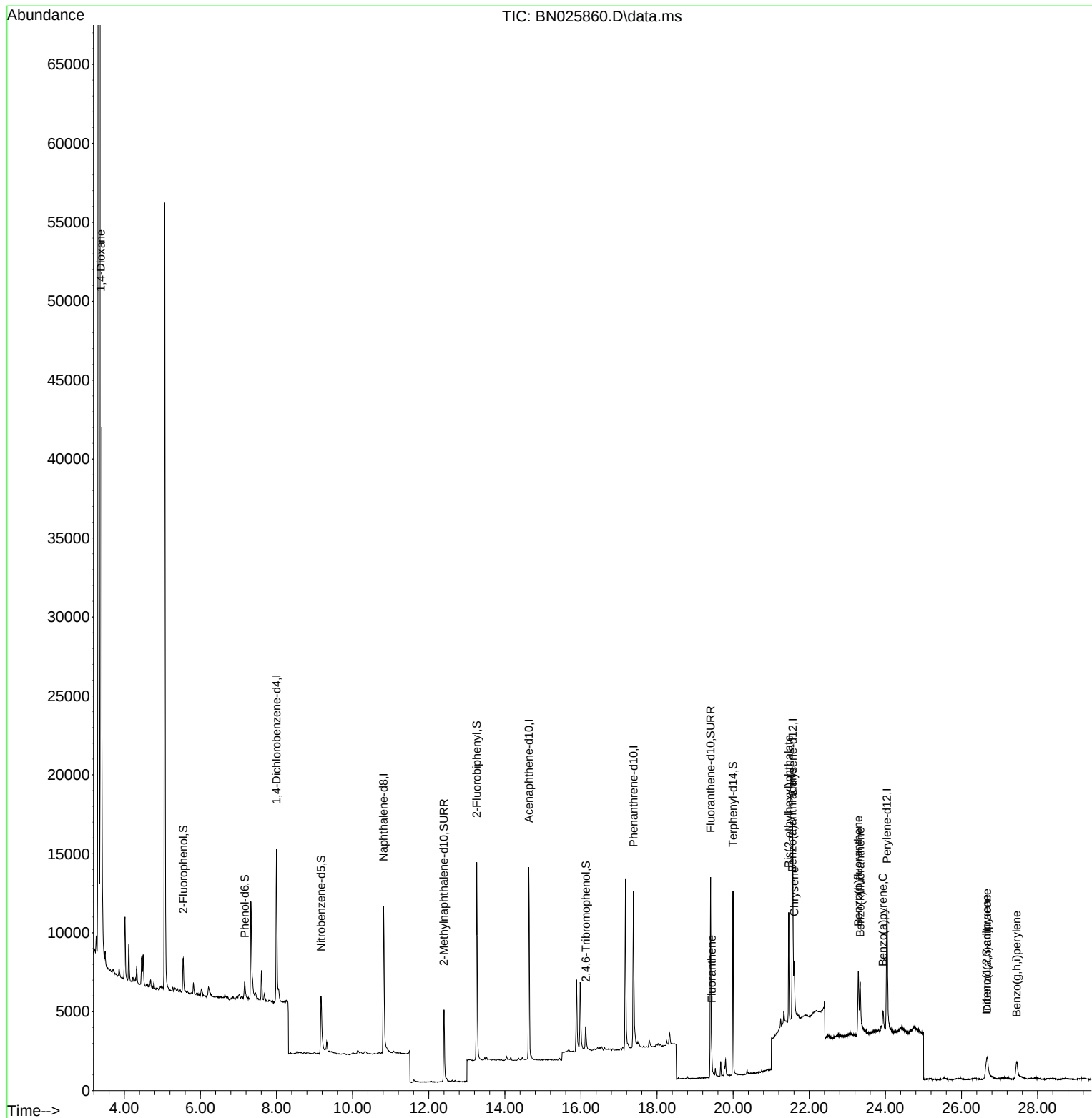
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
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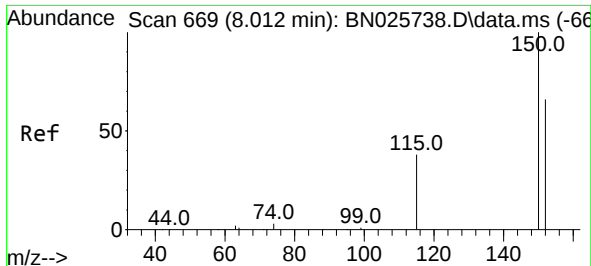
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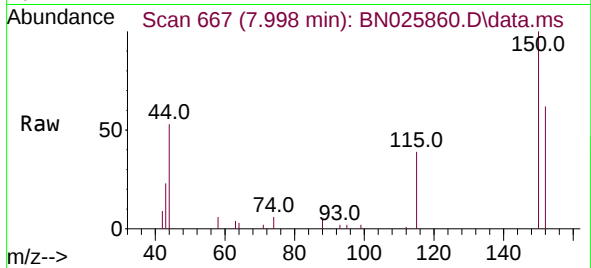
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

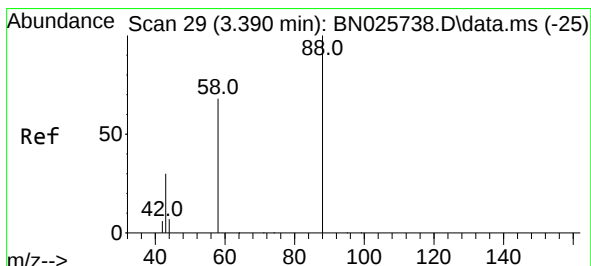
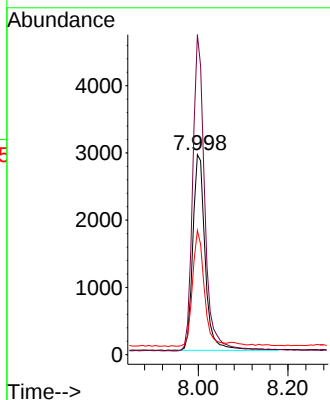
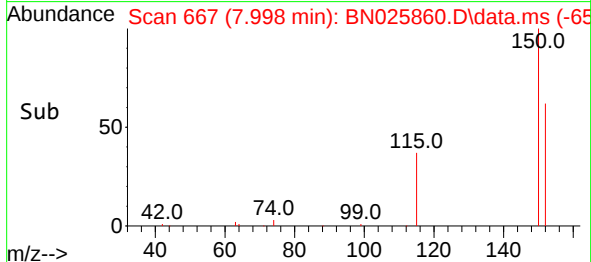
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



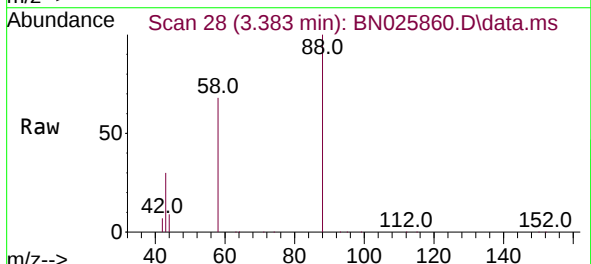
Tgt Ion:152 Resp: 5592
Ion Ratio Lower Upper
152 100
150 160.0 121.5 182.3
115 62.1 47.7 71.5

Manual Integrations
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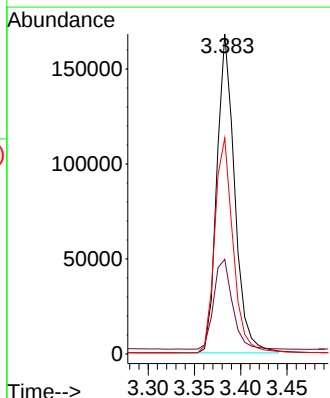
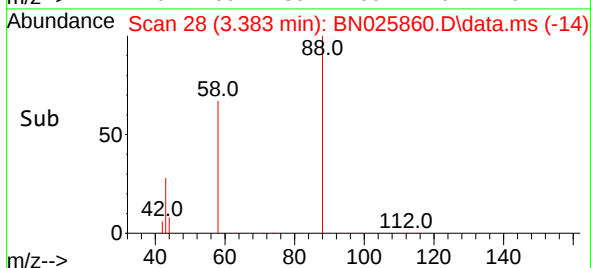
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

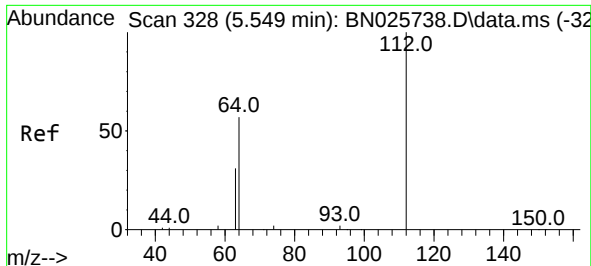


#2
1,4-Dioxane
Concen: 34.180 ng
RT: 3.383 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17



Tgt Ion: 88 Resp: 224252
Ion Ratio Lower Upper
88 100
43 29.5 31.0 46.4#
58 69.3 57.3 85.9





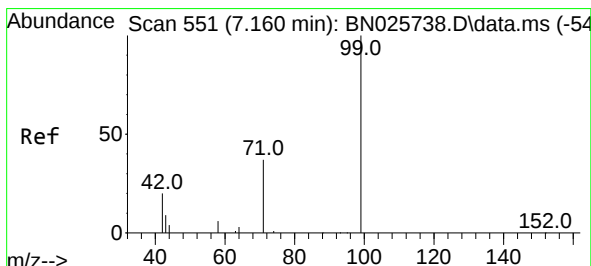
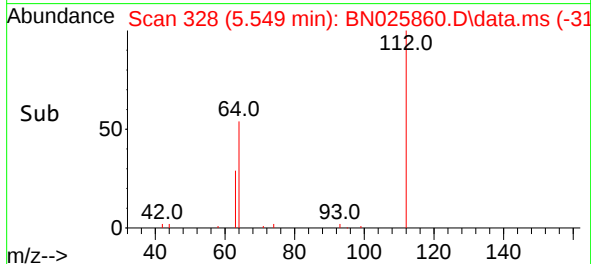
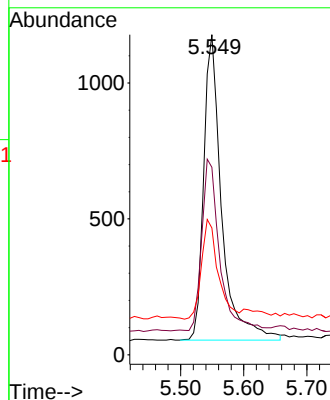
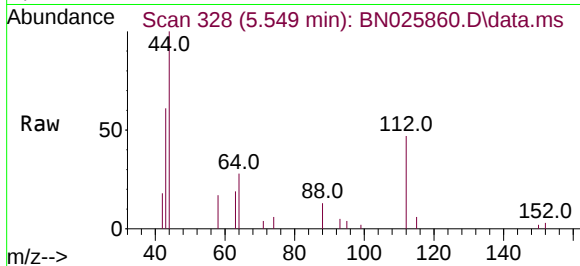
#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.549 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323

Tgt Ion:112 Resp: 222
Ion Ratio Lower Upper
112 100
64 56.1 47.5 71.3
63 30.5 26.2 39.4

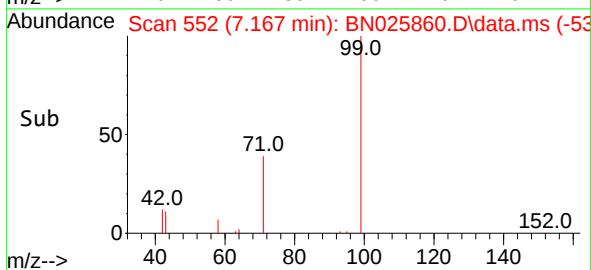
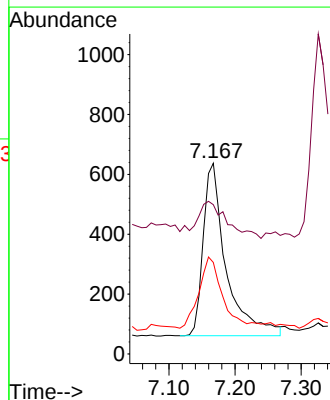
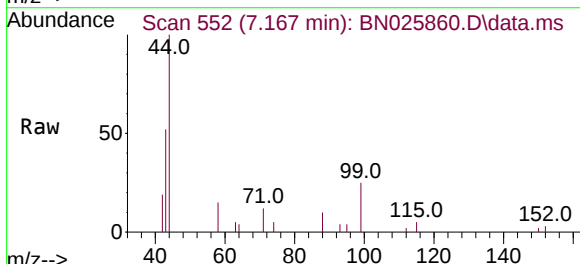
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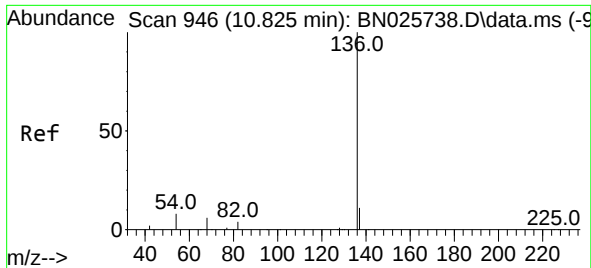
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.167 min Scan# 552
Delta R.T. 0.015 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

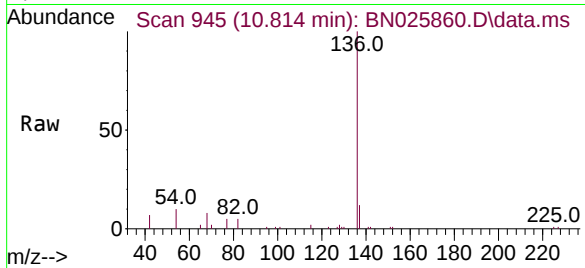
Tgt Ion: 99 Resp: 1388
Ion Ratio Lower Upper
99 100
42 26.2 18.6 28.0
71 45.0 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

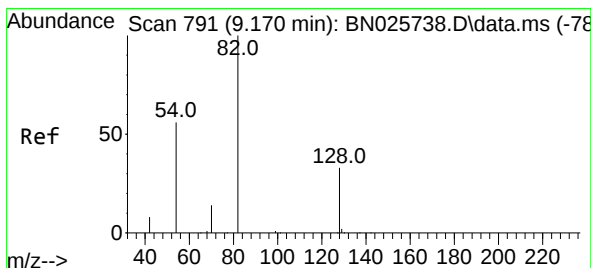
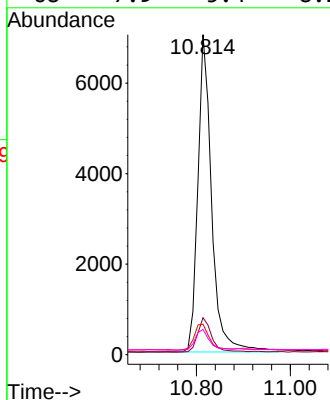
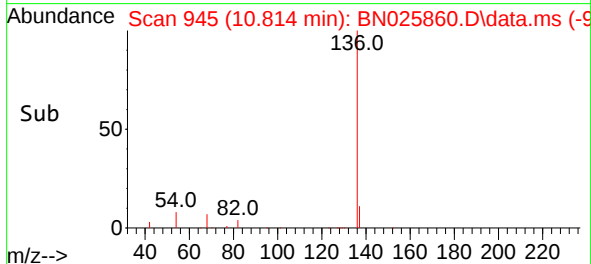
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion:	136	Resp:	1436
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	9.6	7.2	10.8
68	7.9	5.4	8.2

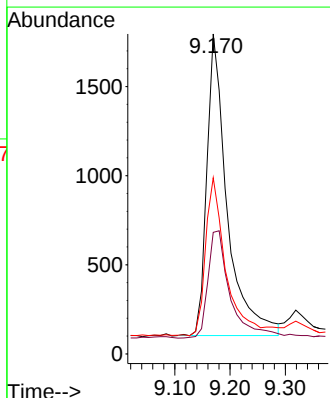
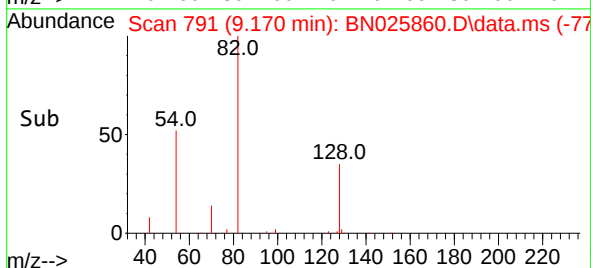
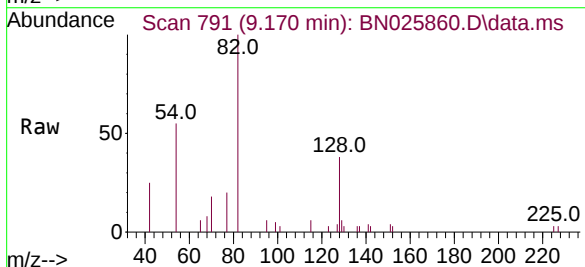
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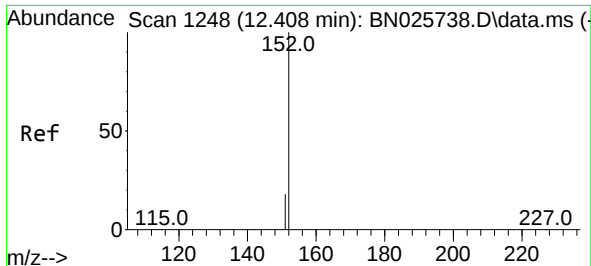
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

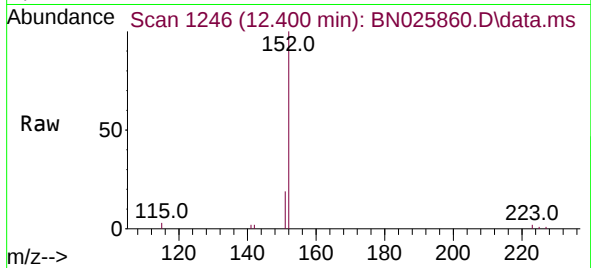
Tgt Ion:	82	Resp:	4339
Ion Ratio	Lower	Upper	
82	100		
128	38.0	27.6	41.4
54	55.0	45.7	68.5





#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.400 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

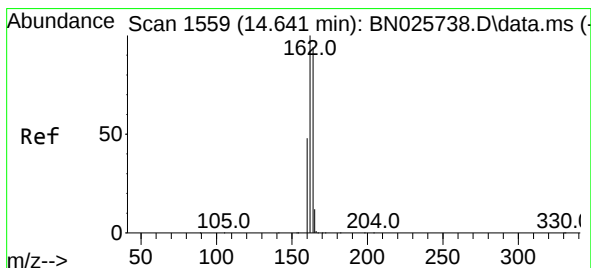
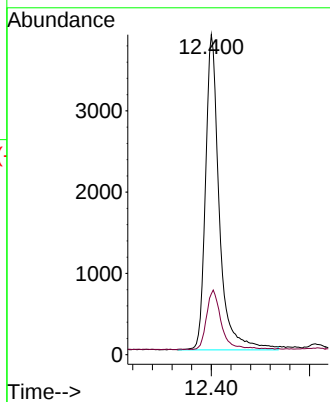
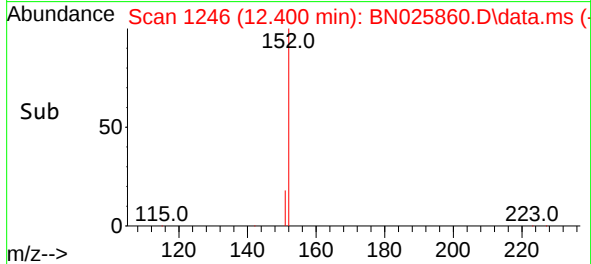
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BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



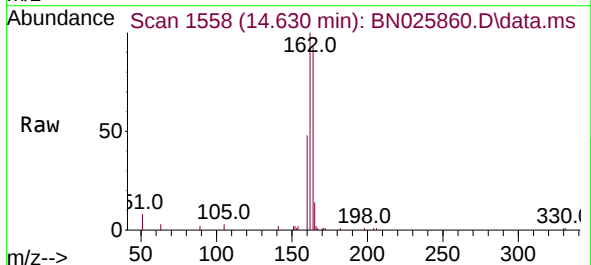
Tgt Ion:152 Resp: 7550
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6

Manual Integrations
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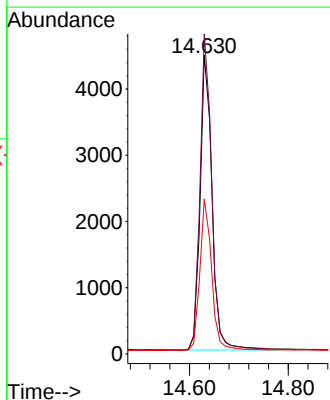
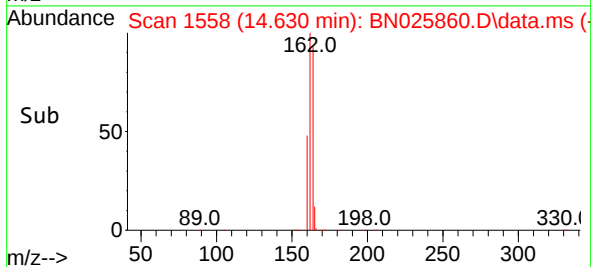
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Supervised By :mohammad ahmed 06/16/2023

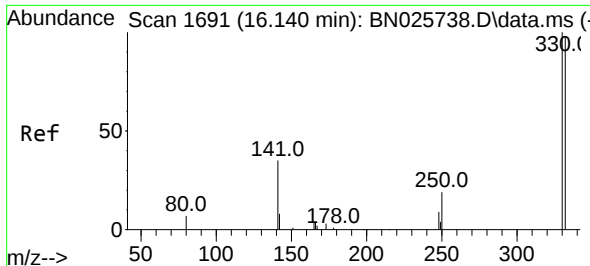


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17



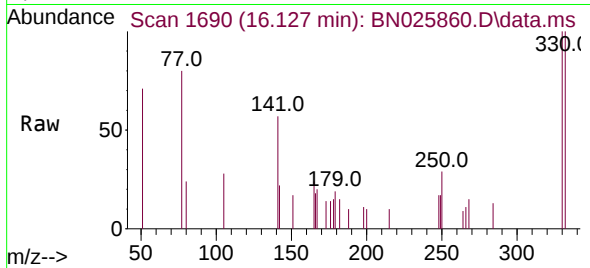
Tgt Ion:164 Resp: 7465
Ion Ratio Lower Upper
164 100
162 107.0 85.0 127.6
160 51.8 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

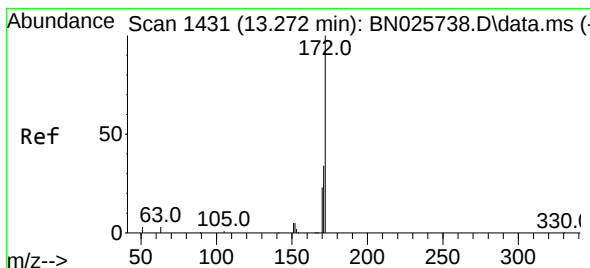
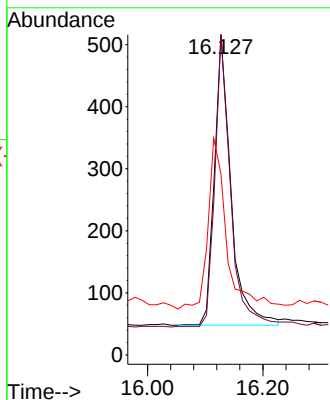
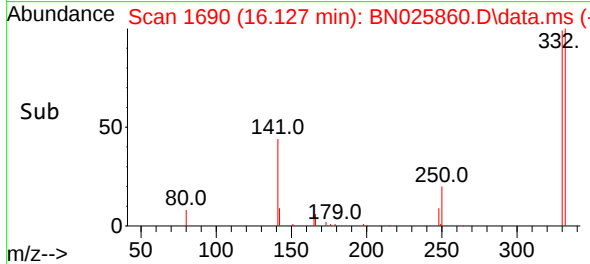
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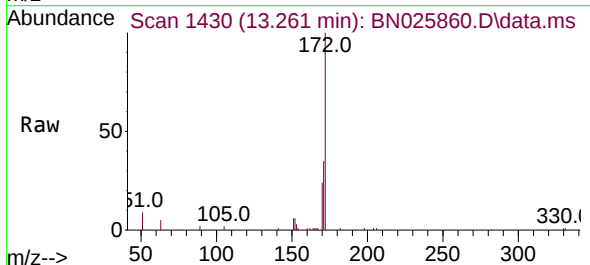
Tgt Ion:330 Resp: 930
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 65.4 55.0 82.6

Manual Integrations
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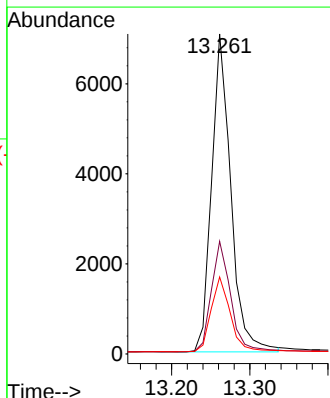
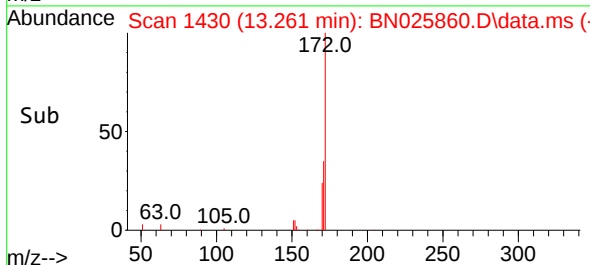
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

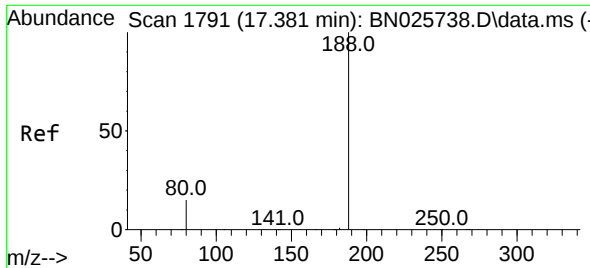


#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.261 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17



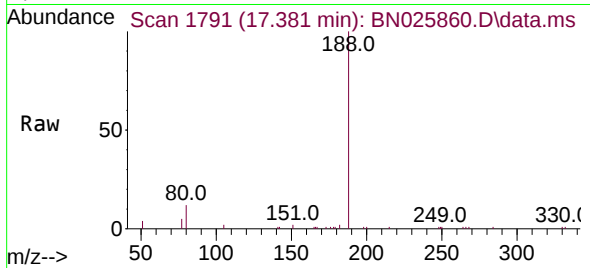
Tgt Ion:172 Resp: 12020
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 24.1 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

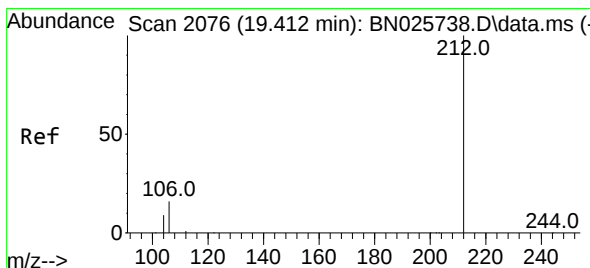
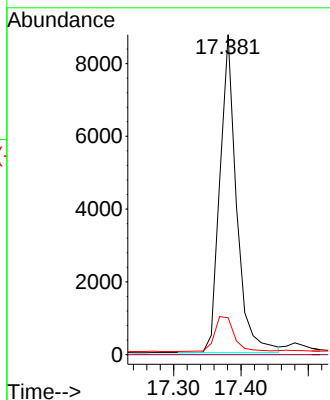
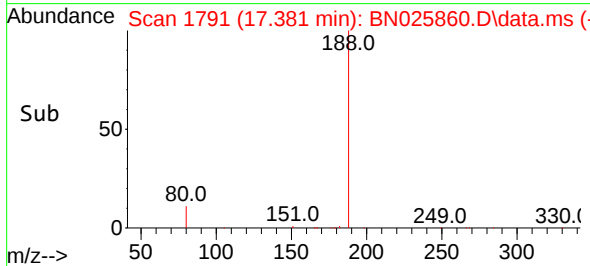
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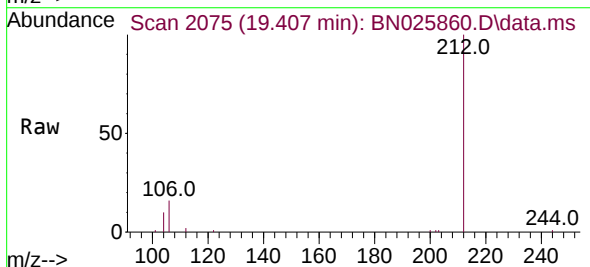
Tgt Ion:188 Resp: 15020
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 12.1 18.1

Manual Integrations
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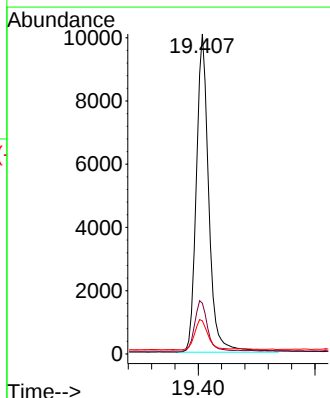
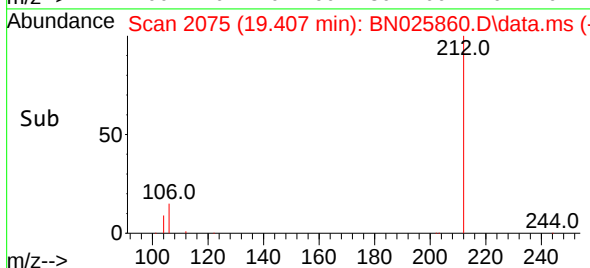
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

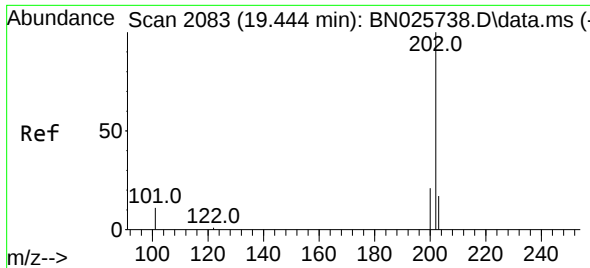


#27
Fluoranthene-d10
Concen: 0.482 ng
RT: 19.407 min Scan# 2075
Delta R.T. 0.005 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17



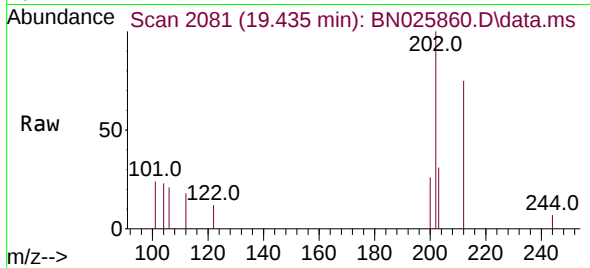
Tgt Ion:212 Resp: 14896
Ion Ratio Lower Upper
212 100
106 16.2 13.0 19.6
104 10.1 7.7 11.5





#28
Fluoranthene
Concen: 0.026 ng
RT: 19.435 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

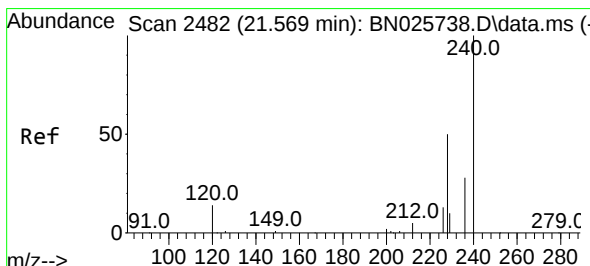
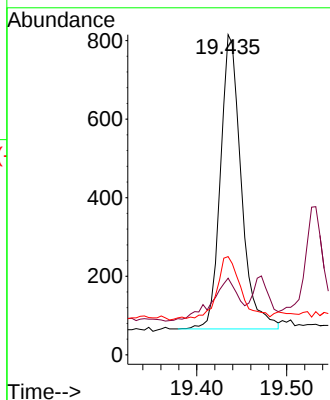
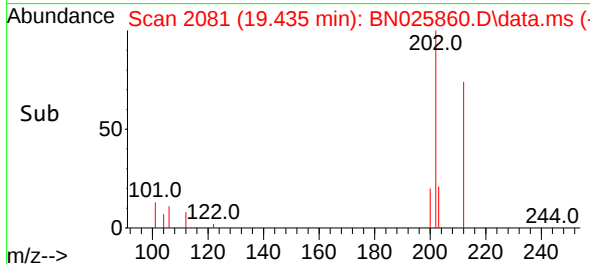
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion:202 Resp: 120
Ion Ratio Lower Upper
202 100
101 18.6 9.8 14.8
203 24.0 13.4 20.2

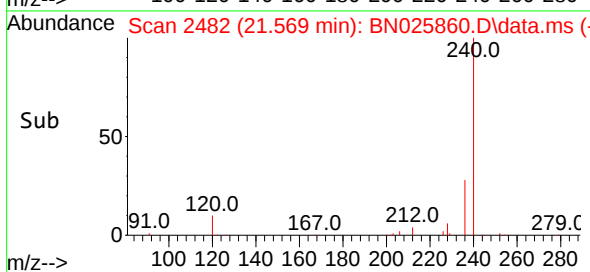
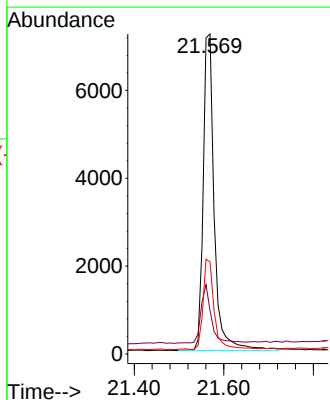
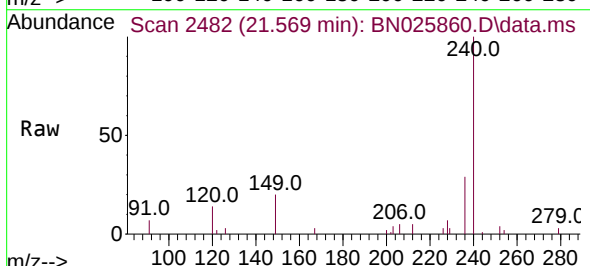
Manual Integrations
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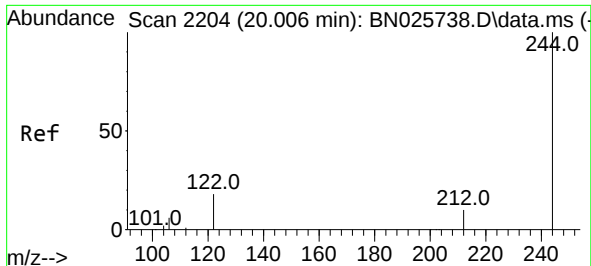
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

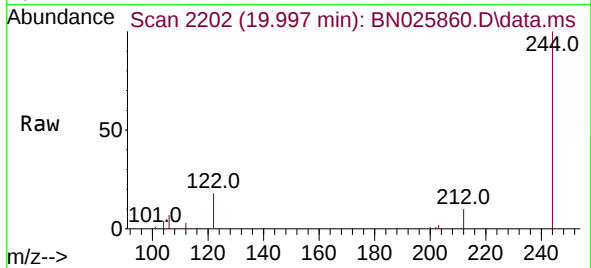
Tgt Ion:240 Resp: 12424
Ion Ratio Lower Upper
240 100
120 13.5 13.2 19.8
236 28.7 23.1 34.7





#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.997 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

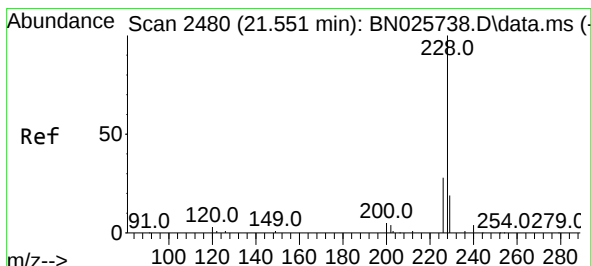
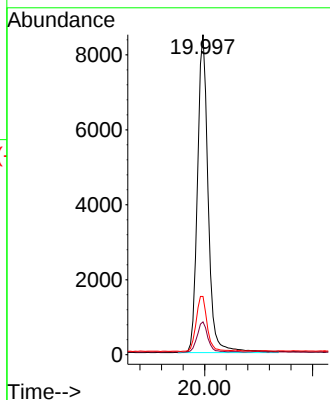
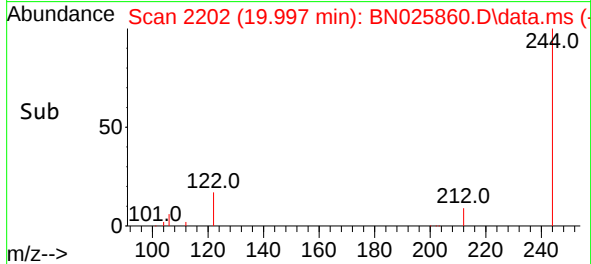
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion:244 Resp: 11710
Ion Ratio Lower Upper
244 100
212 10.3 8.6 12.8
122 18.2 15.2 22.8

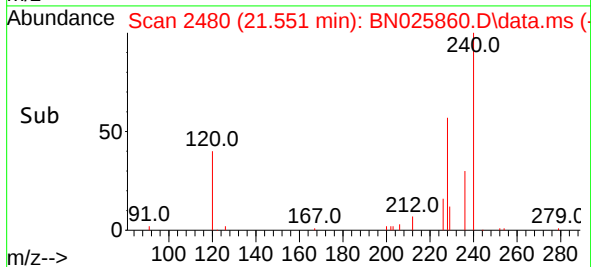
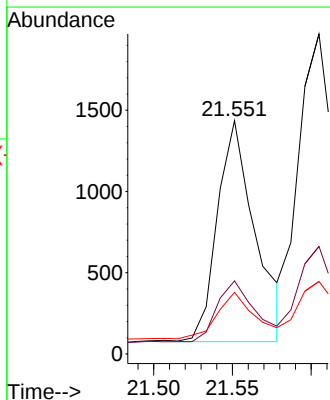
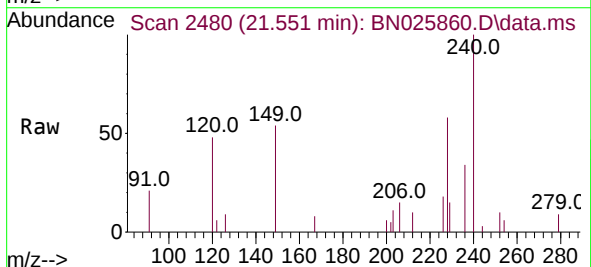
Manual Integrations
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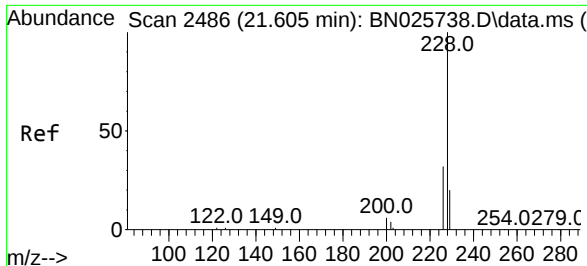
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzo(a)anthracene
Concen: 0.047 ng m
RT: 21.551 min Scan# 2480
Delta R.T. 0.009 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

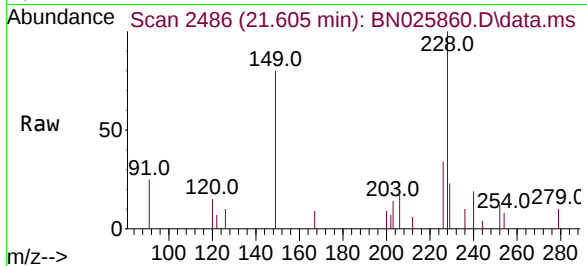
Tgt Ion:228 Resp: 2263
Ion Ratio Lower Upper
228 100
226 31.3 22.9 34.3
229 26.4 15.6 23.4#





#33
Chrysene
Concen: 0.068 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

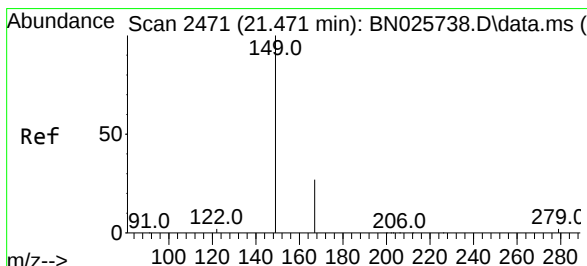
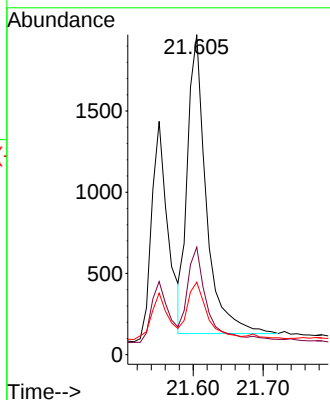
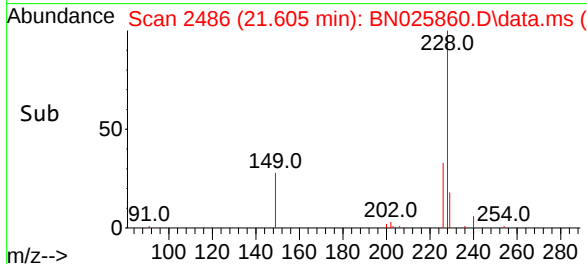
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion: 228 Resp: 343
Ion Ratio Lower Upper
228 100
226 33.6 25.4 38.2
229 22.6 16.1 24.1

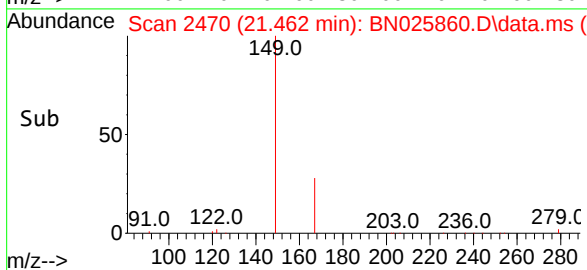
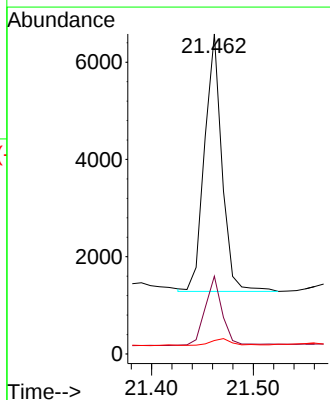
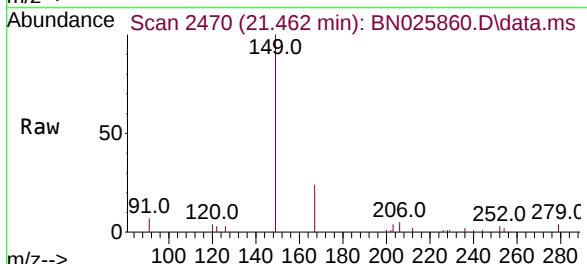
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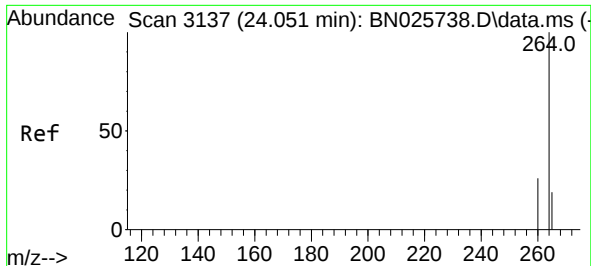
Reviewed By : Yogesh Patel 06/16/2023
Supervised By : mohammad ahmed 06/16/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.219 ng
RT: 21.462 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

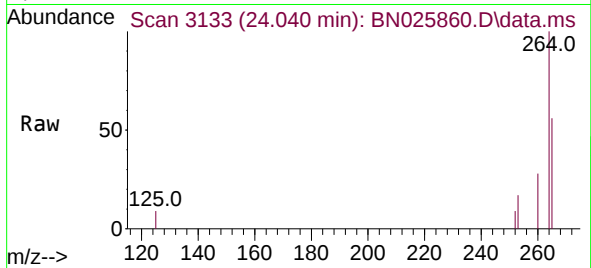
Tgt Ion: 149 Resp: 6261
Ion Ratio Lower Upper
149 100
167 26.8 21.0 31.6
279 3.1 2.2 3.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.040 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

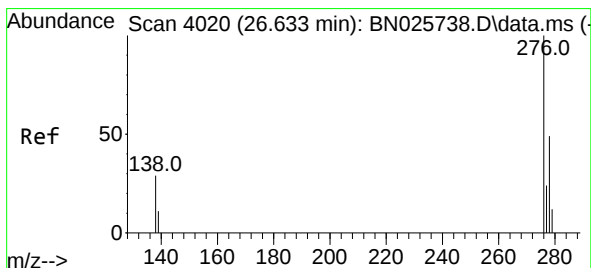
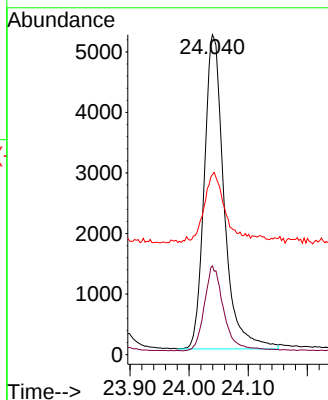
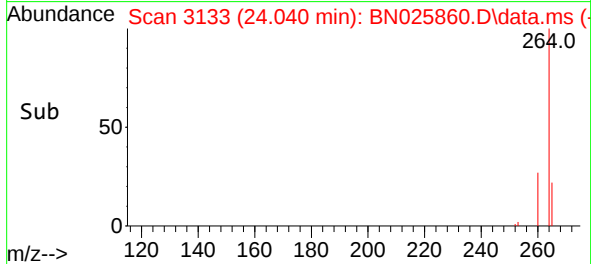
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion:264 Resp: 1211
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.2
265 56.2 44.7 67.1

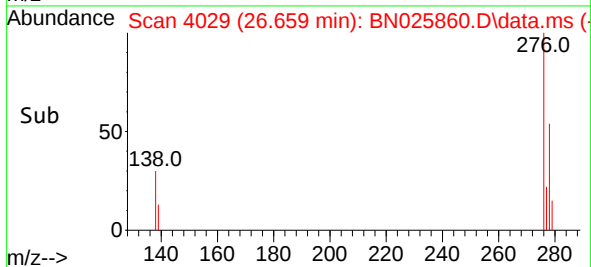
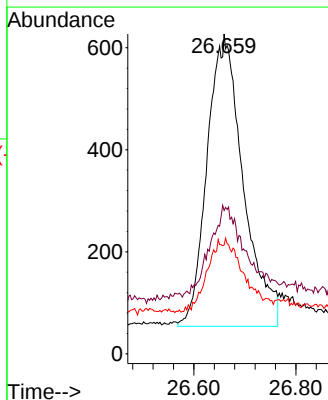
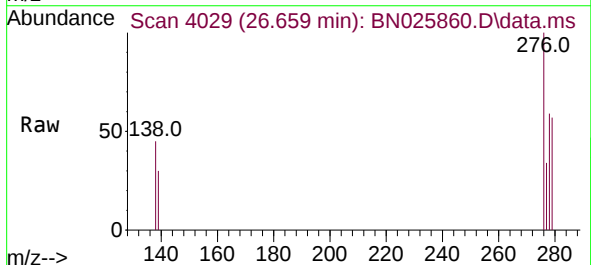
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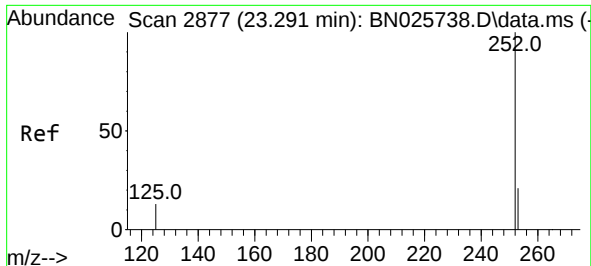
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng m
RT: 26.659 min Scan# 4029
Delta R.T. 0.018 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

Tgt Ion:276 Resp: 2815
Ion Ratio Lower Upper
276 100
138 28.5 26.1 39.1
277 9.9 19.4 29.2#





#37

Benzo(b)fluoranthene

Concen: 0.126 ng

RT: 23.288 min Scan# 2876

Delta R.T. 0.006 min

Lab File: BN025860.D

Acq: 15 Jun 2023 16:17

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-84-104-061323

Tgt Ion:252 Resp: 600

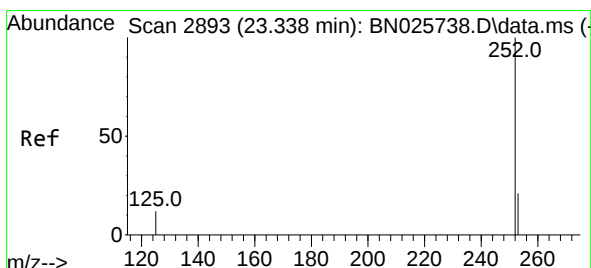
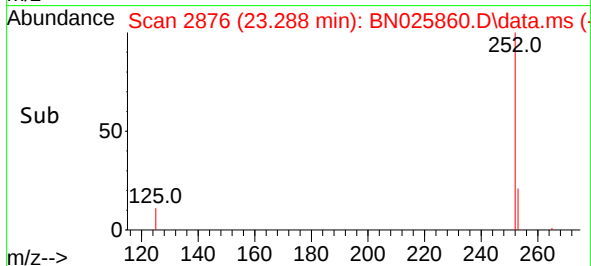
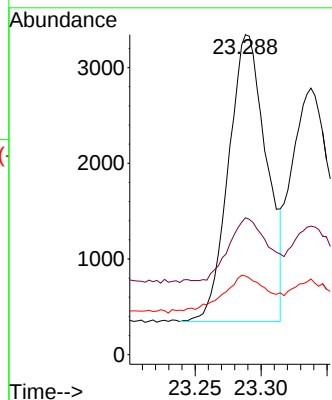
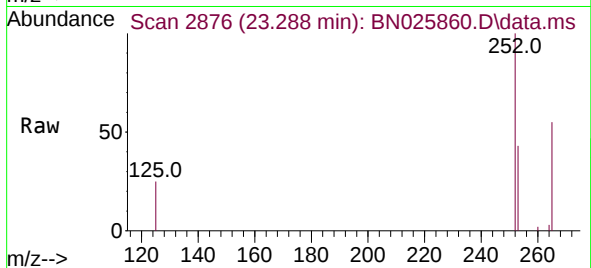
Ion	Ratio	Lower	Upper
252	100		
253	42.8	23.4	35.0
125	24.6	12.3	18.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#38

Benzo(k)fluoranthene

Concen: 0.096 ng

RT: 23.338 min Scan# 2893

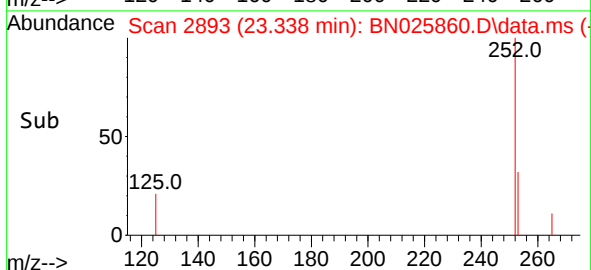
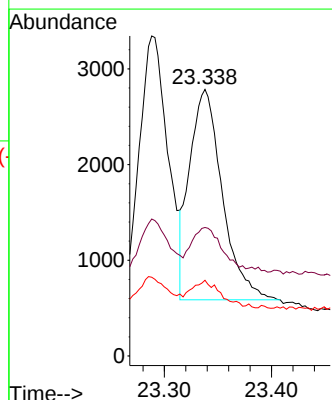
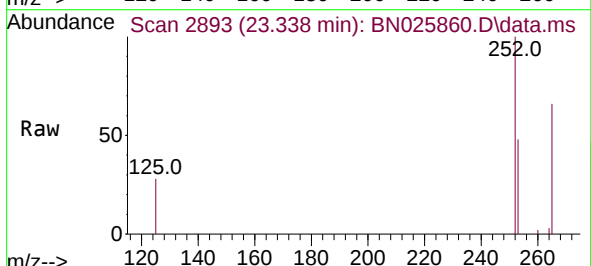
Delta R.T. 0.009 min

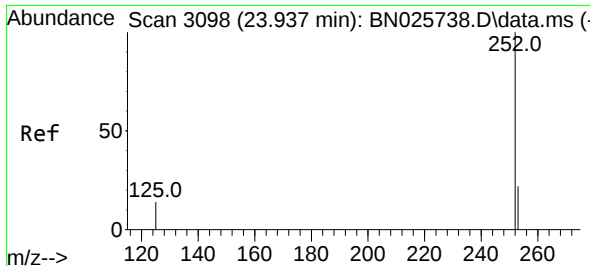
Lab File: BN025860.D

Acq: 15 Jun 2023 16:17

Tgt Ion:252 Resp: 4666

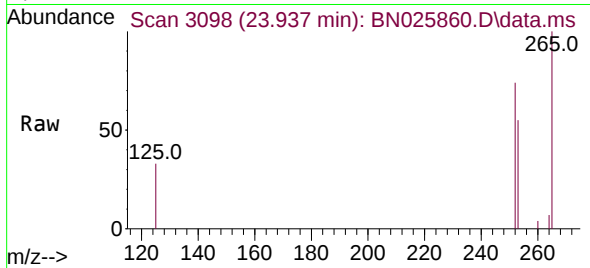
Ion	Ratio	Lower	Upper
252	100		
253	48.2	24.2	36.4
125	28.4	12.2	18.2





#39
Benzo(a)pyrene
Concen: 0.059 ng m
RT: 23.937 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

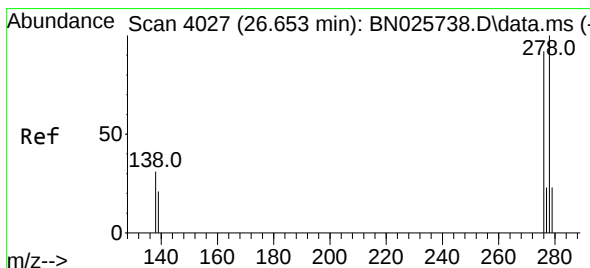
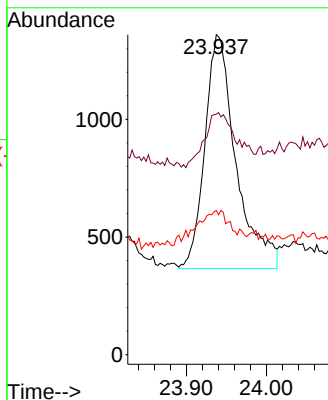
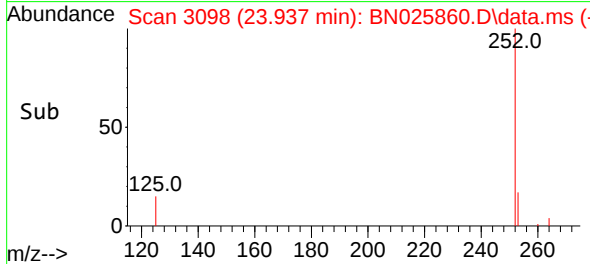
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-84-104-061323



Tgt Ion:252 Resp: 2680
Ion Ratio Lower Upper
252 100
253 75.1 27.5 41.3#
125 45.1 14.6 21.8#

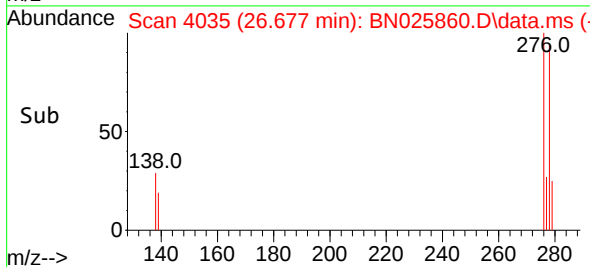
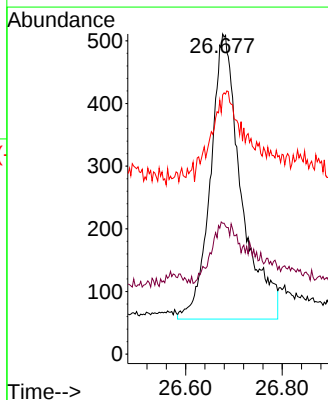
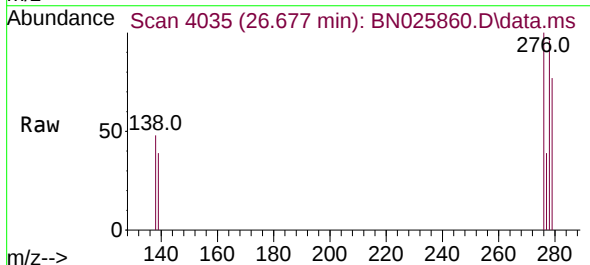
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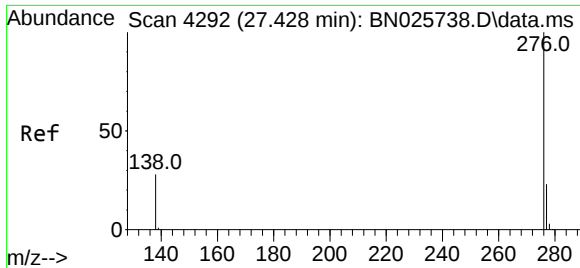
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.048 ng m
RT: 26.677 min Scan# 4035
Delta R.T. 0.015 min
Lab File: BN025860.D
Acq: 15 Jun 2023 16:17

Tgt Ion:278 Resp: 2014
Ion Ratio Lower Upper
278 100
139 40.9 18.7 28.1#
279 81.0 25.1 37.7#





#41

Benzo(g,h,i)perylene

Concen: 0.059 ng

RT: 27.451 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN025860.D

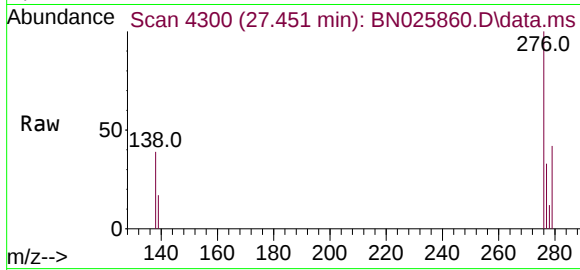
Acq: 15 Jun 2023 16:17

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-84-104-061323



Tgt Ion:276 Resp: 277

Ion Ratio Lower Upper

276 100

277 33.0 20.2 30.2

138 38.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023

