

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
 Data File : BN025854.D
 Acq On : 15 Jun 2023 12:40
 Operator : MA/JU
 Sample : 03123-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-678-680

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 01:44:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5784	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	15221	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	6266	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	16225	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	13087	0.400	ng	0.00
35) Perylene-d12	24.040	264	1891	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.542	112	1698	0.104	ng	0.00
5) Phenol-d6	7.160	99	1064	0.053	ng	0.00
8) Nitrobenzene-d5	9.170	82	3522	0.249	ng	0.01
11) 2-Methylnaphthalene-d10	12.396	152	5603	0.256	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	880	0.456	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	8879	0.335	ng	0.00
27) Fluoranthene-d10	19.407	212	10537	0.316	ng	0.00
31) Terphenyl-d14	19.997	244	12691	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	1159	0.171	ng	# 77
28) Fluoranthene	19.435	202	1240	0.025	ng	# 50
32) Benzo(a)anthracene	21.551	228	3777m	0.075	ng	
33) Chrysene	21.605	228	5677	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.462	149	19979	0.664	ng	99
36) Indeno(1,2,3-cd)pyrene	26.621	276	3023	0.370	ng	# 93
37) Benzo(b)fluoranthene	23.285	252	8366	1.122	ng	# 82
38) Benzo(k)fluoranthene	23.335	252	6757	0.887	ng	# 79
39) Benzo(a)pyrene	23.929	252	3997	0.566	ng	# 44
40) Dibenzo(a,h)anthracene	26.636	278	2255	0.343	ng	# 45
41) Benzo(g,h,i)perylene	27.416	276	3021	0.412	ng	# 82

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

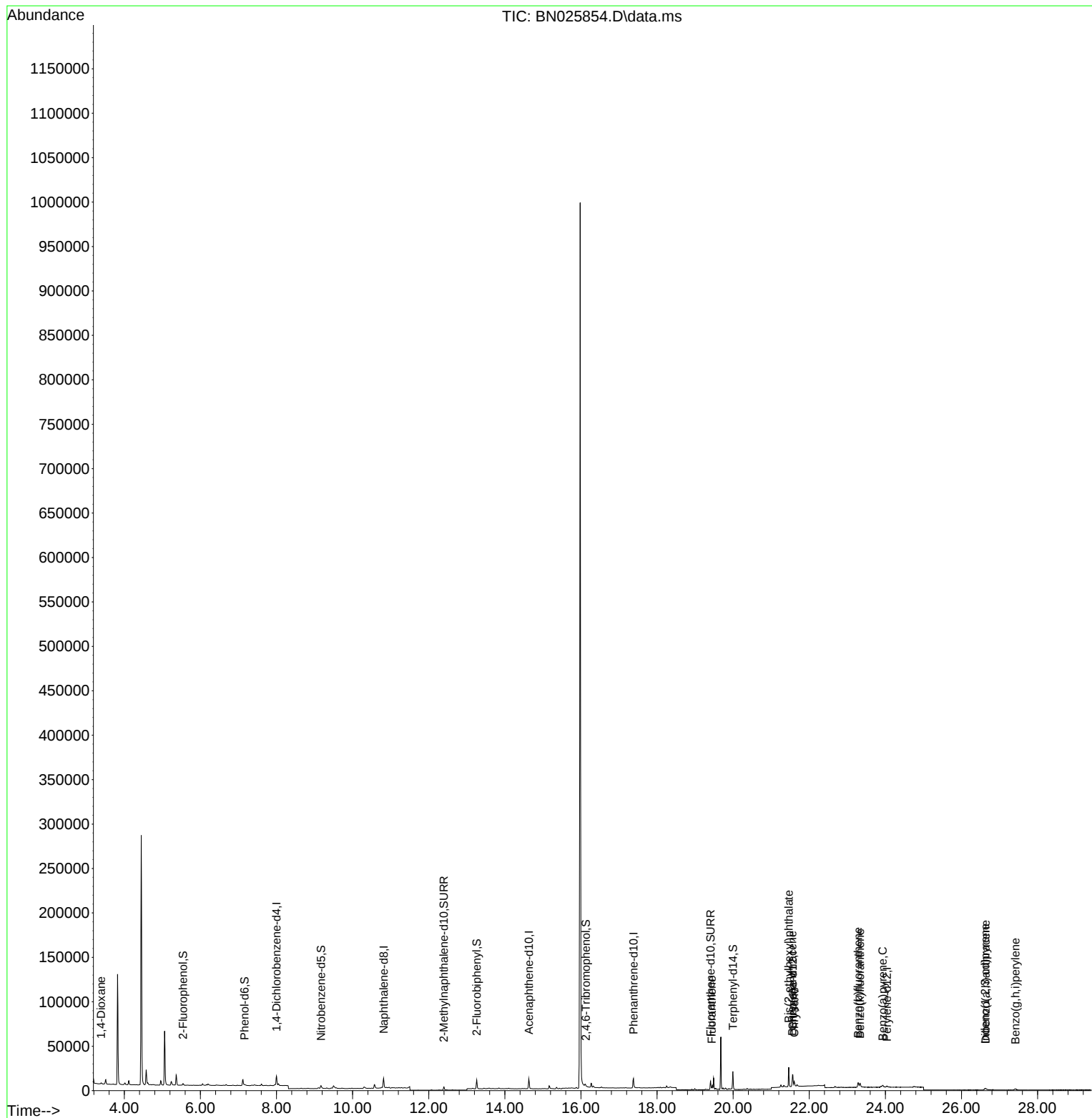
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025854.D
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ALS Vial : 6 Sample Multiplier: 1

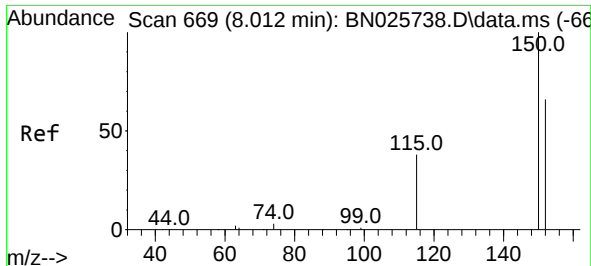
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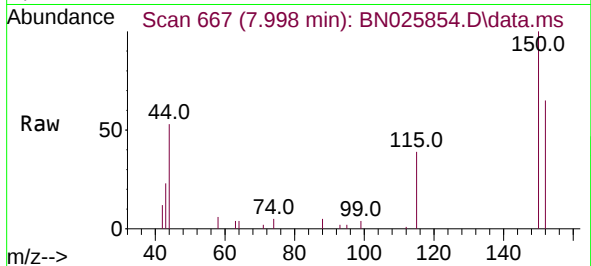
Quant Time: Jun 16 01:44:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

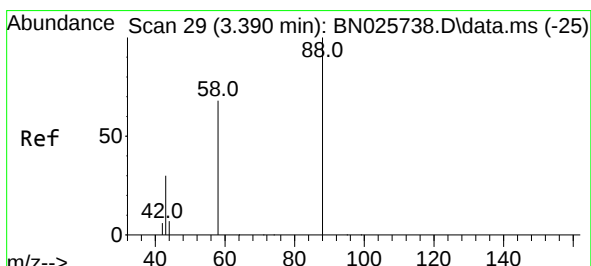
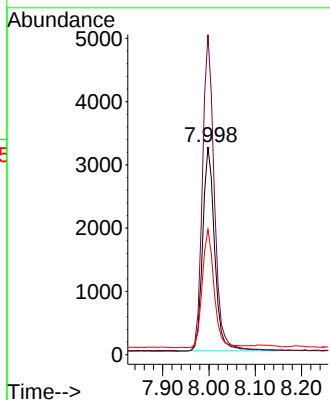
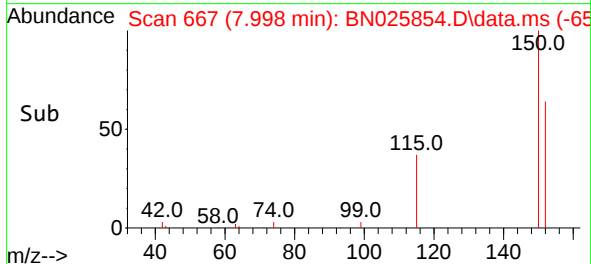
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



Tgt Ion: 152 Resp: 5784
Ion Ratio Lower Upper
152 100
150 154.0 121.5 182.3
115 60.3 47.7 71.5

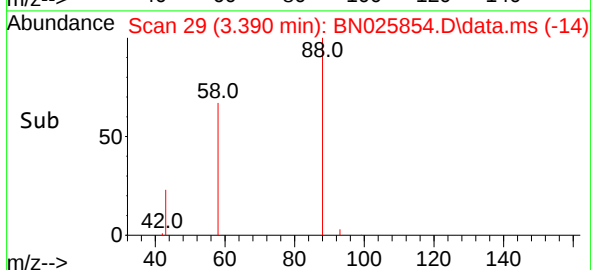
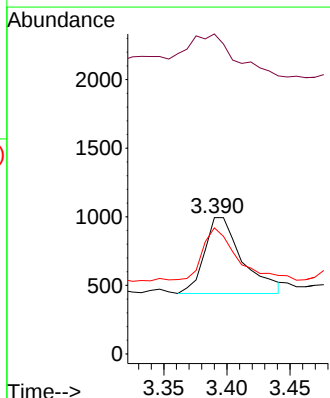
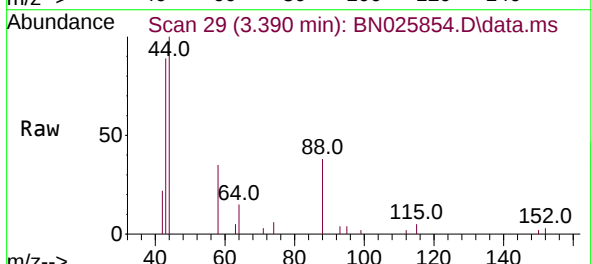
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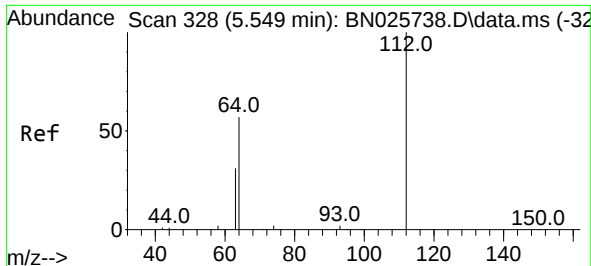
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 0.171 ng
RT: 3.390 min Scan# 29
Delta R.T. 0.007 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

Tgt Ion: 88 Resp: 1159
Ion Ratio Lower Upper
88 100
43 69.7 31.0 46.4#
58 65.3 57.3 85.9





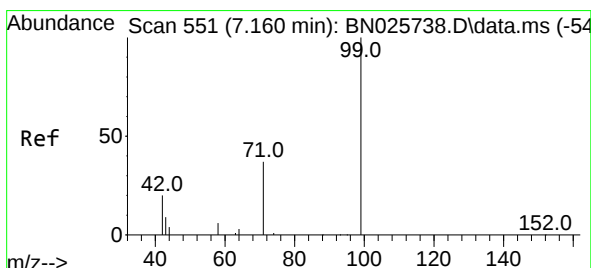
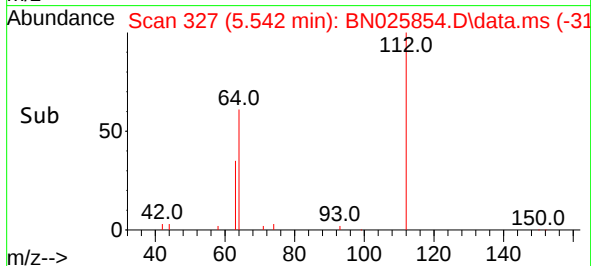
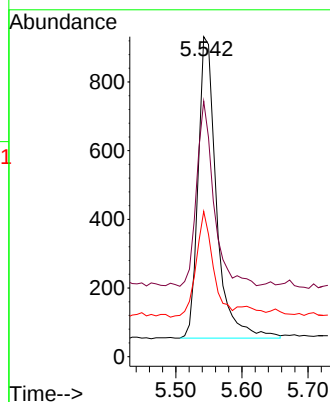
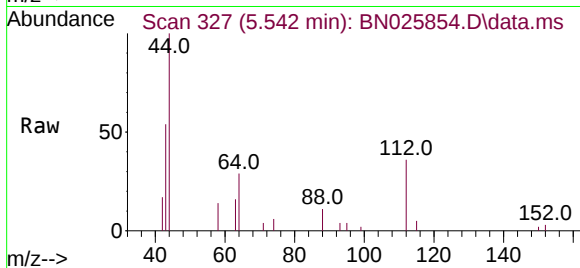
#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.542 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680

Tgt Ion: 112 Resp: 1698
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 32.5 26.2 39.4

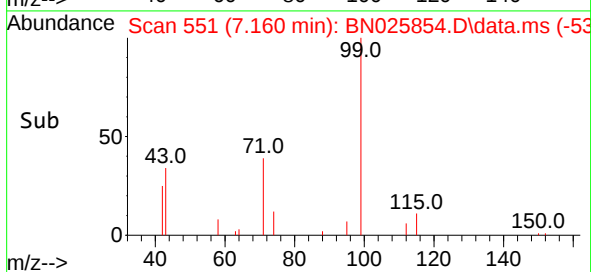
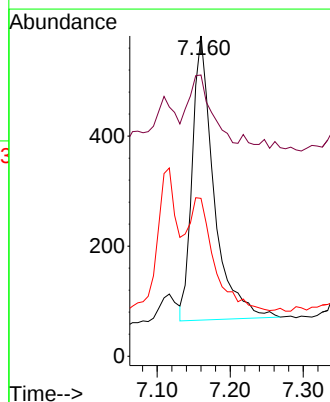
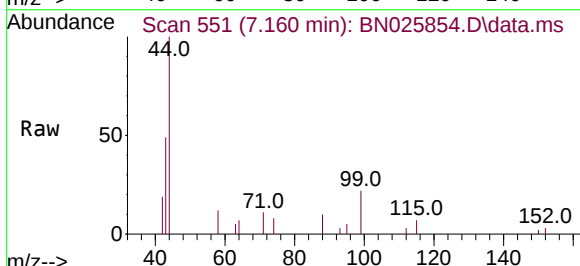
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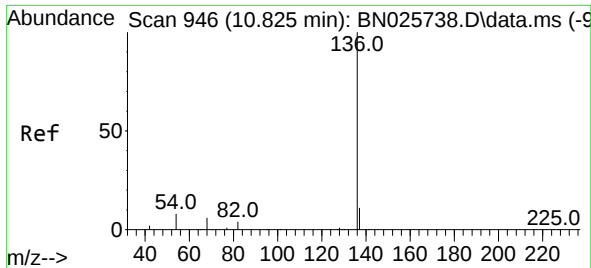
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.160 min Scan# 551
Delta R.T. 0.007 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

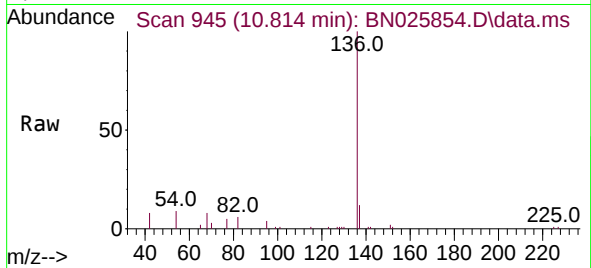
Tgt Ion: 99 Resp: 1064
Ion Ratio Lower Upper
99 100
42 24.8 18.6 28.0
71 43.6 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

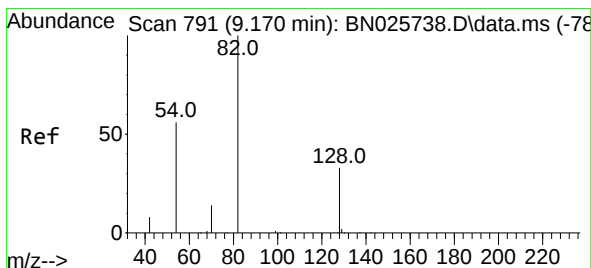
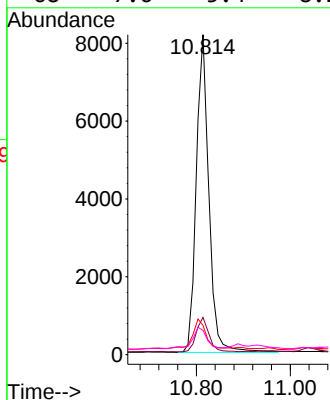
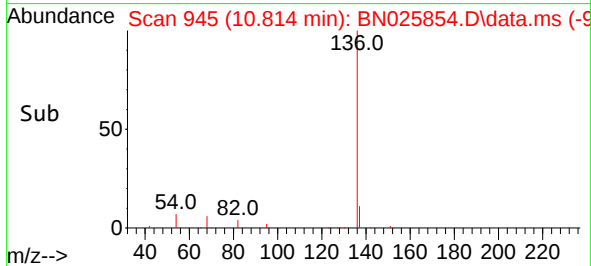
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



Tgt Ion:136 Resp: 1522
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 9.1 7.2 10.8
68 7.6 5.4 8.2

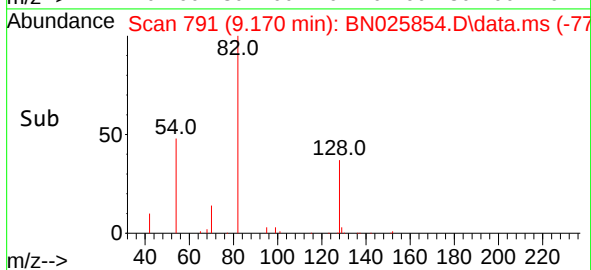
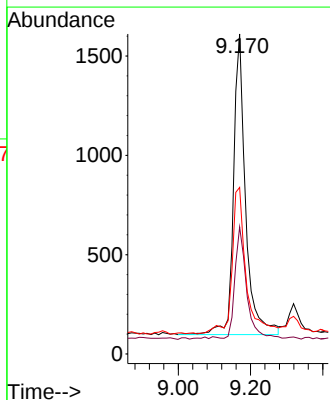
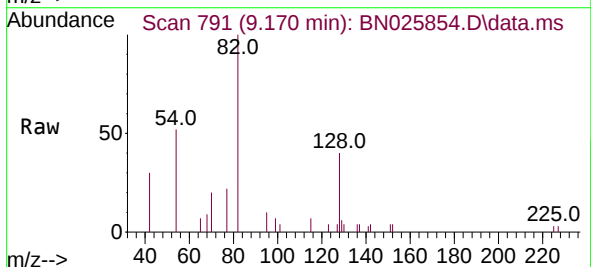
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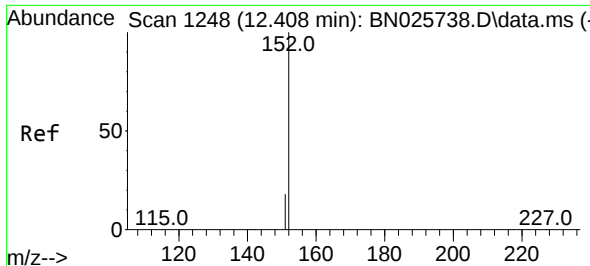
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

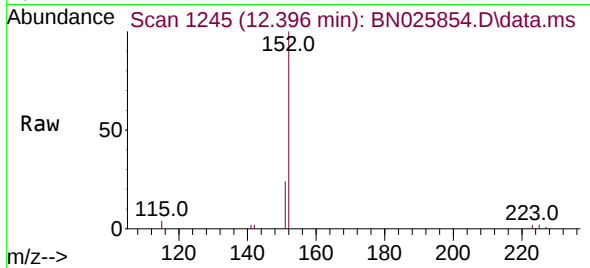
Tgt Ion: 82 Resp: 3522
Ion Ratio Lower Upper
82 100
128 39.7 27.6 41.4
54 52.1 45.7 68.5





#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.396 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

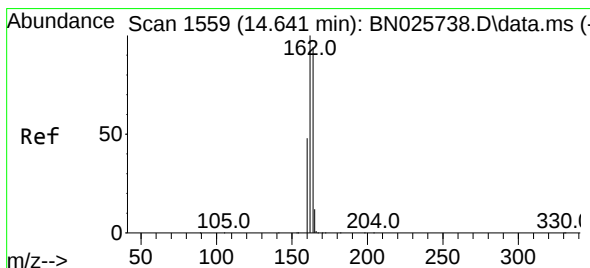
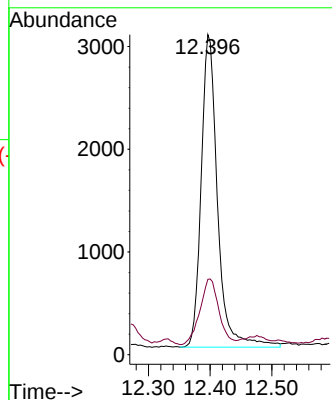
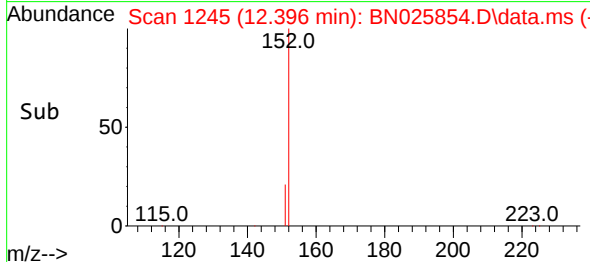
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



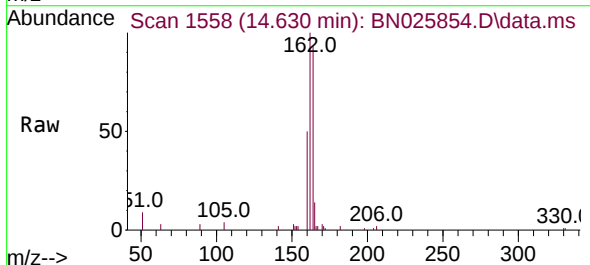
Tgt Ion:152 Resp: 560
Ion Ratio Lower Upper
152 100
151 24.4 16.4 24.6

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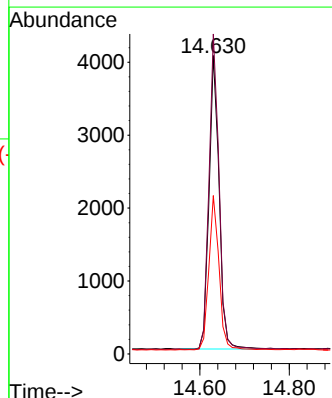
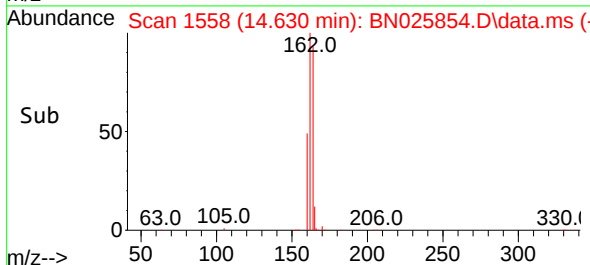
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

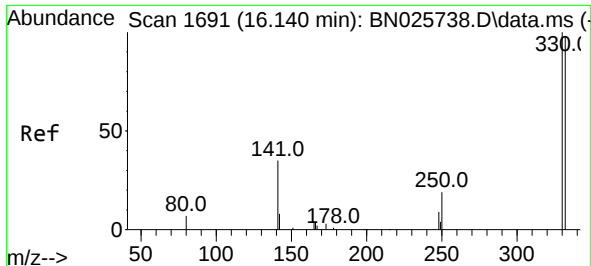


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40



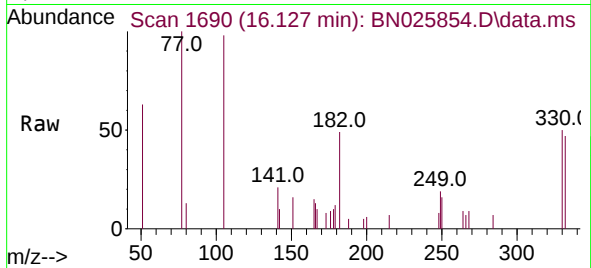
Tgt Ion:164 Resp: 6266
Ion Ratio Lower Upper
164 100
162 107.2 85.0 127.6
160 53.1 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

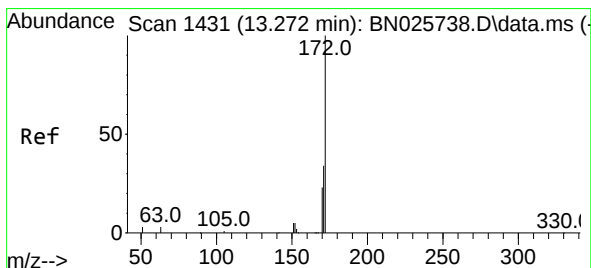
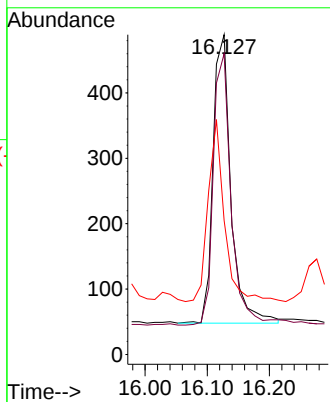
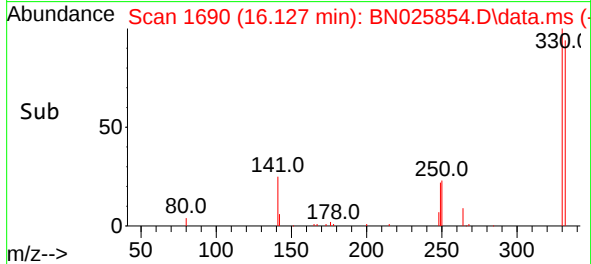
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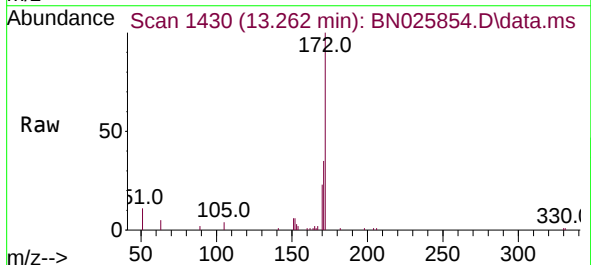
Tgt Ion: 330 Resp: 880
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 57.6 55.0 82.6

Manual Integrations
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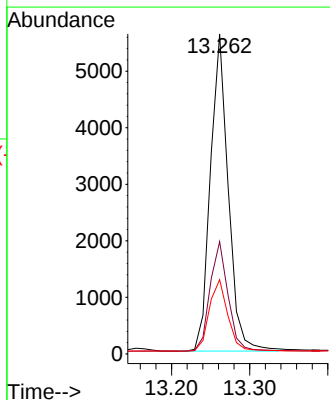
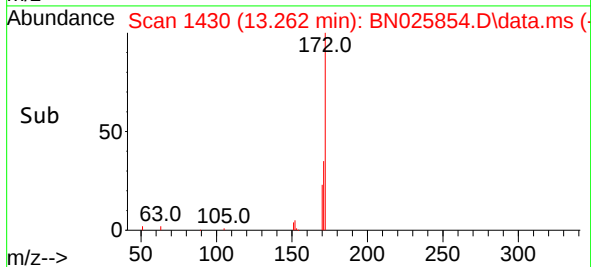
Reviewed By : Yogesh Patel 06/16/2023
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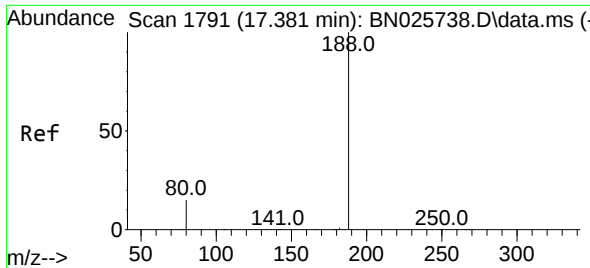


#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.262 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40



Tgt Ion: 172 Resp: 8879
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.2 18.6 28.0





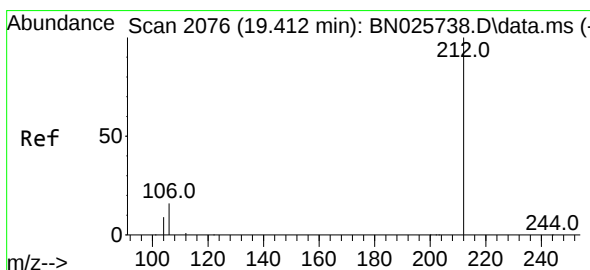
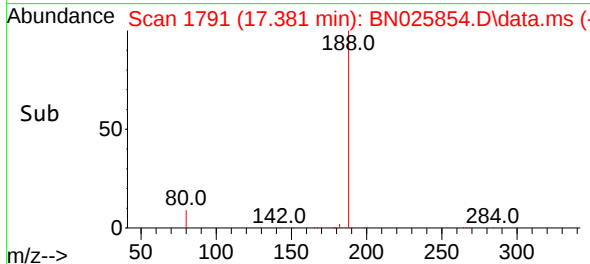
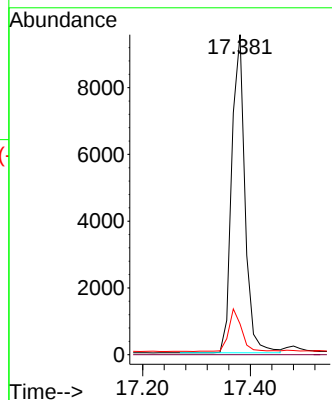
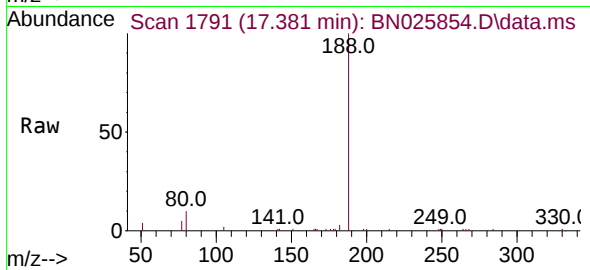
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680

Tgt Ion:188 Resp: 16225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 12.1 18.1

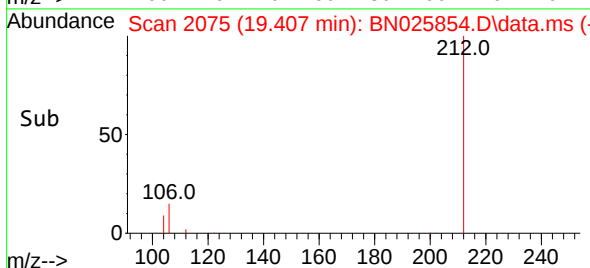
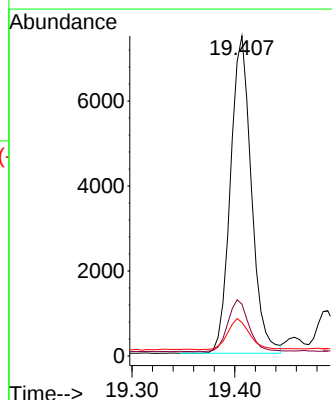
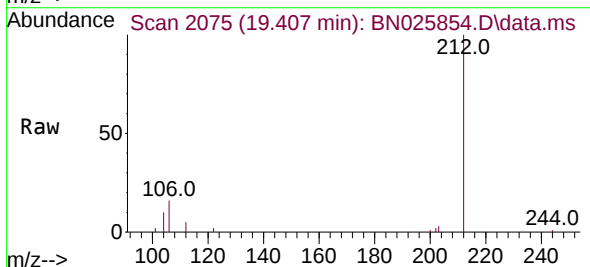
Manual Integrations
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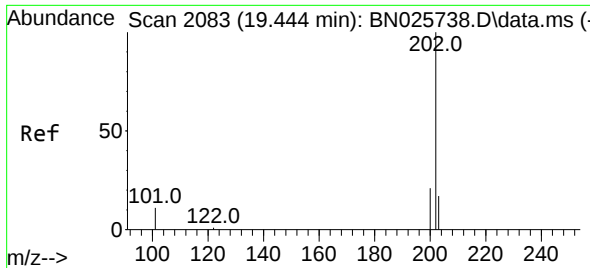
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.407 min Scan# 2075
Delta R.T. 0.005 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

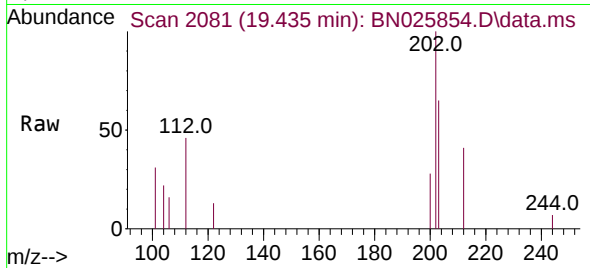
Tgt Ion:212 Resp: 10537
Ion Ratio Lower Upper
212 100
106 16.6 13.0 19.6
104 10.3 7.7 11.5





#28
Fluoranthene
Concen: 0.025 ng
RT: 19.435 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

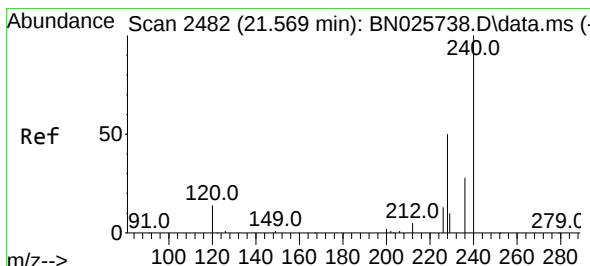
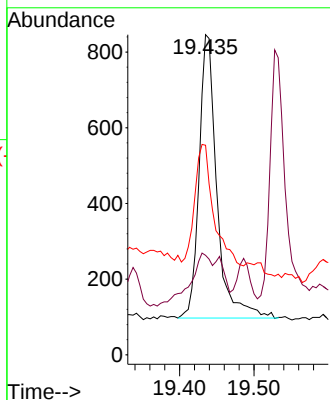
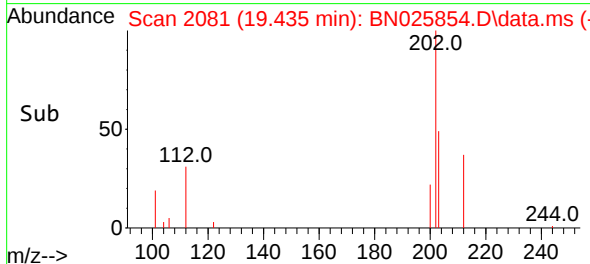
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



Tgt Ion:202 Resp: 1240
Ion Ratio Lower Upper
202 100
101 22.7 9.8 14.8
203 45.6 13.4 20.2

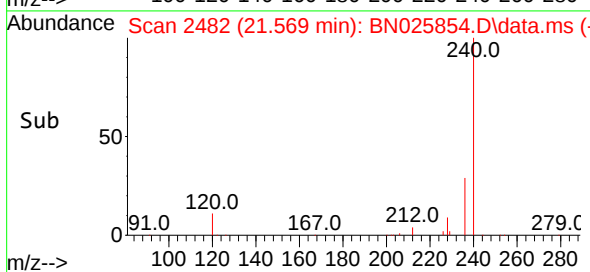
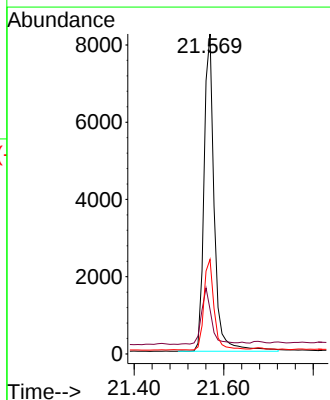
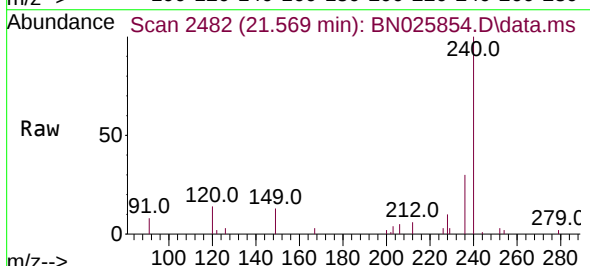
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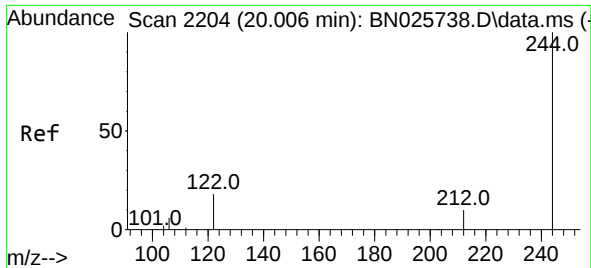
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

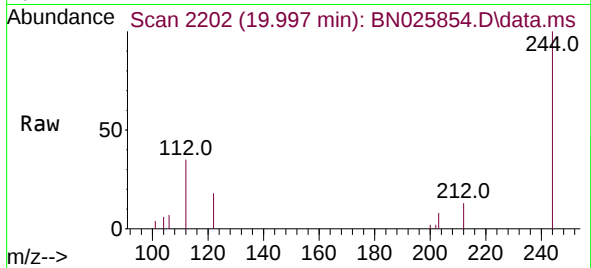
Tgt Ion:240 Resp: 13087
Ion Ratio Lower Upper
240 100
120 13.9 13.2 19.8
236 29.6 23.1 34.7





#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.997 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

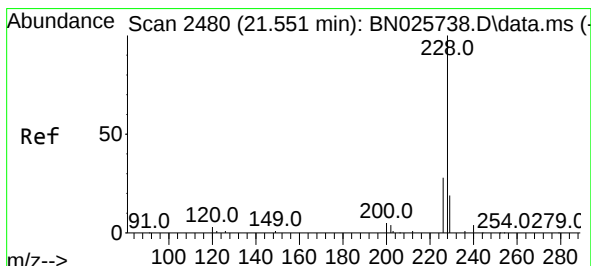
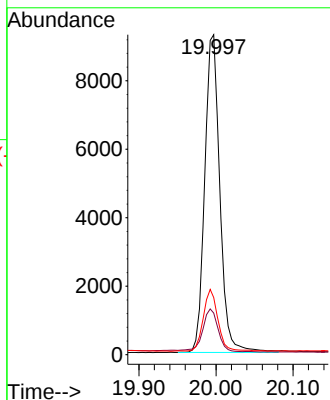
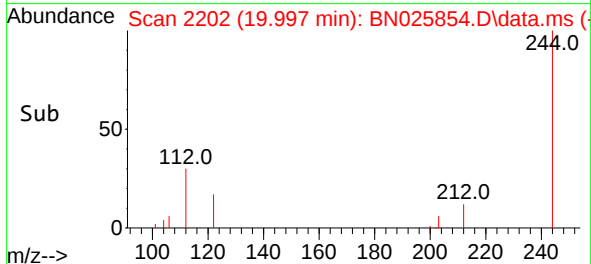
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



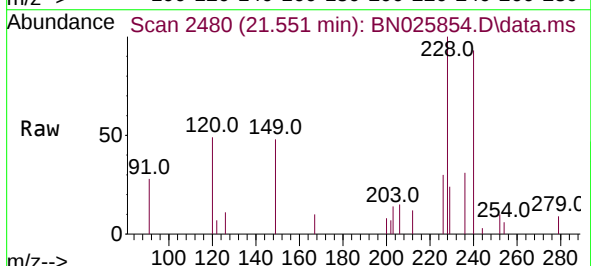
Tgt Ion:244 Resp: 1269
Ion Ratio Lower Upper
244 100
212 13.0 8.6 12.8
122 17.9 15.2 22.8

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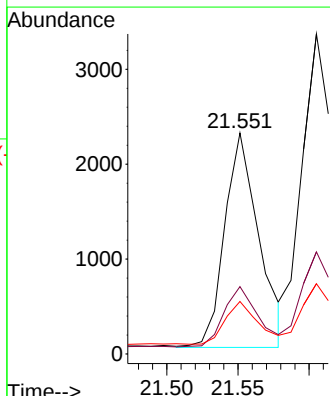
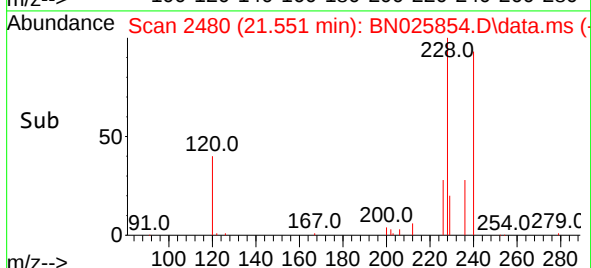
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

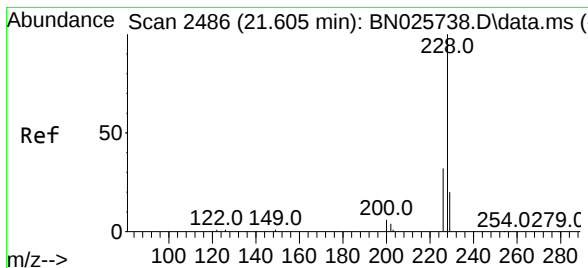


#32
Benzo(a)anthracene
Concen: 0.075 ng m
RT: 21.551 min Scan# 2480
Delta R.T. 0.009 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40



Tgt Ion:228 Resp: 3777
Ion Ratio Lower Upper
228 100
226 30.5 22.9 34.3
229 23.7 15.6 23.4





#33

Chrysene

Concen: 0.106 ng

RT: 21.605 min Scan# 2486

Delta R.T. 0.009 min

Lab File: BN025854.D

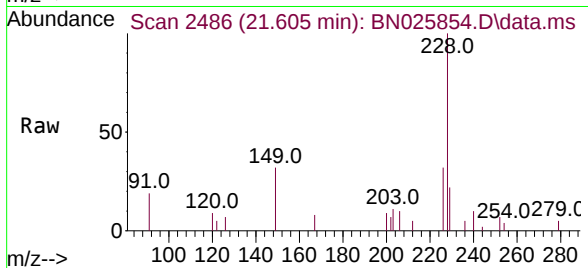
Acq: 15 Jun 2023 12:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-678-680



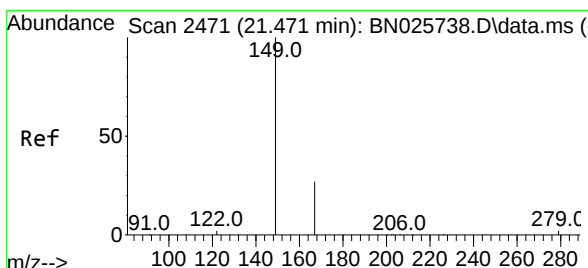
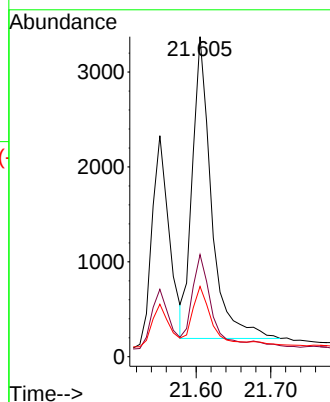
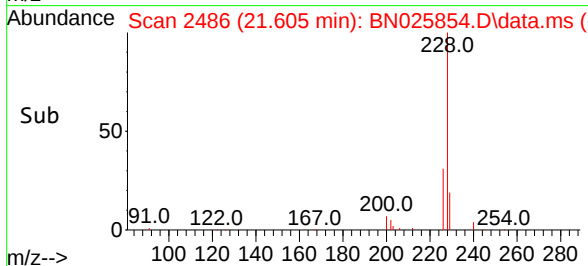
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.2
229	21.9	16.1	24.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#34

Bis(2-ethylhexyl)phthalate

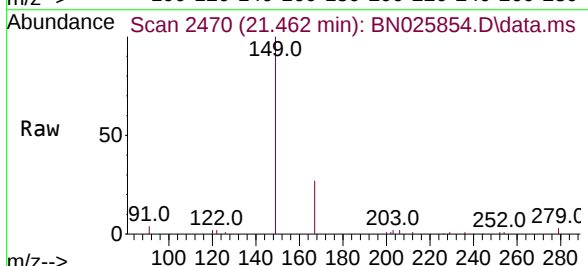
Concen: 0.664 ng

RT: 21.462 min Scan# 2470

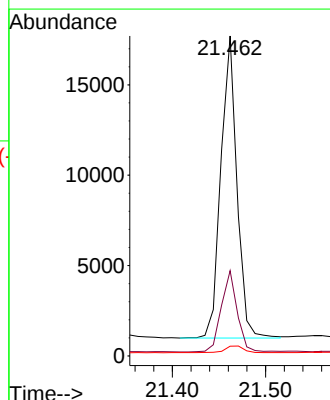
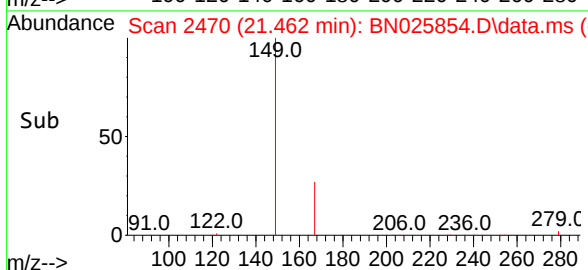
Delta R.T. 0.000 min

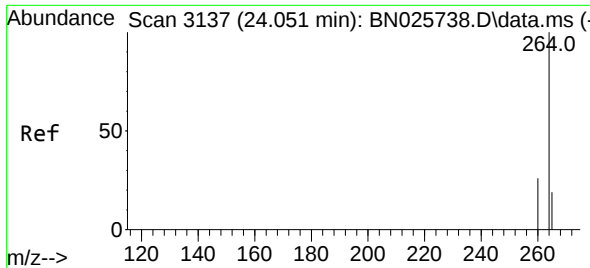
Lab File: BN025854.D

Acq: 15 Jun 2023 12:40



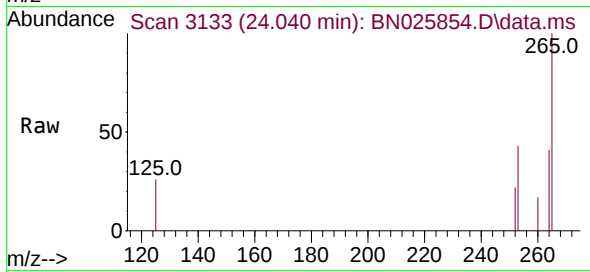
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.6
279	2.6	2.2	3.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.040 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN025854.D
 Acq: 15 Jun 2023 12:40

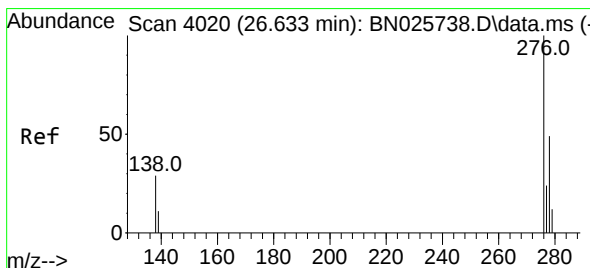
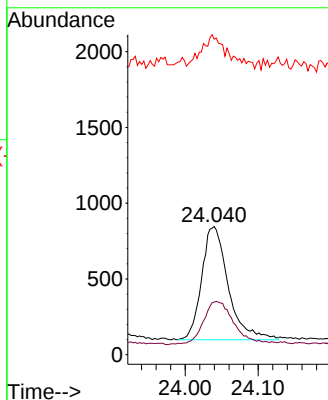
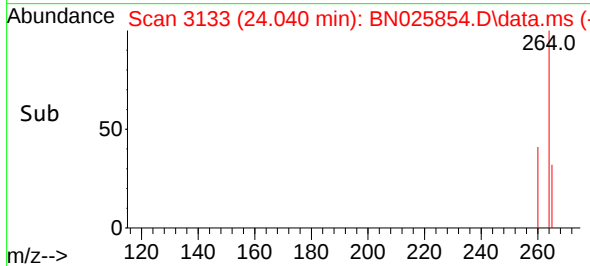
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-678-680



Tgt Ion:264 Resp: 189
 Ion Ratio Lower Upper
 264 100
 260 41.1 21.4 32.2
 265 246.1 44.7 67.1

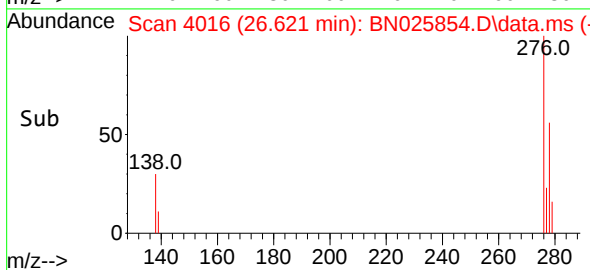
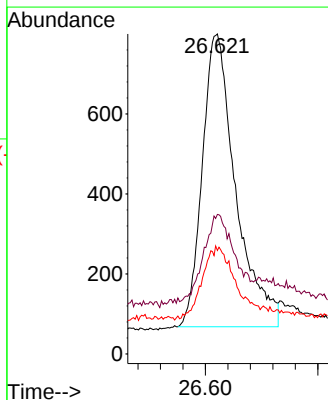
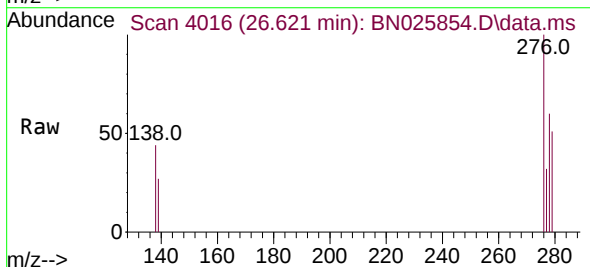
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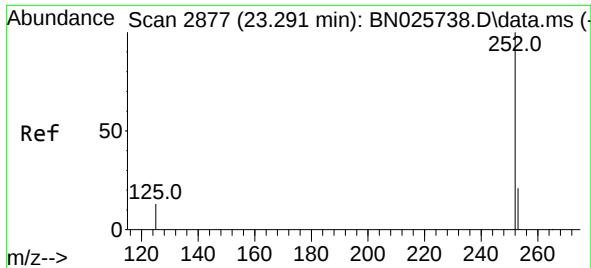
Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.370 ng
 RT: 26.621 min Scan# 4016
 Delta R.T. -0.020 min
 Lab File: BN025854.D
 Acq: 15 Jun 2023 12:40

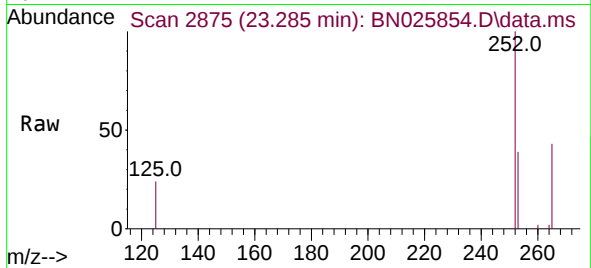
Tgt Ion:276 Resp: 3023
 Ion Ratio Lower Upper
 276 100
 138 25.6 26.1 39.1#
 277 24.2 19.4 29.2





#37
Benzo(b)fluoranthene
Concen: 1.122 ng
RT: 23.285 min Scan# 2875
Delta R.T. 0.003 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

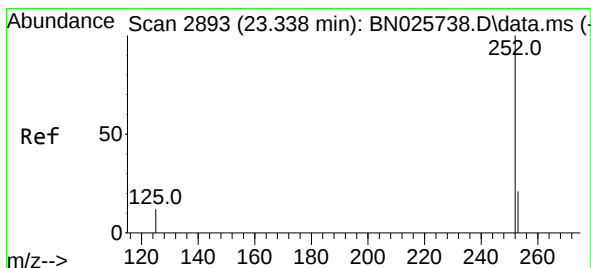
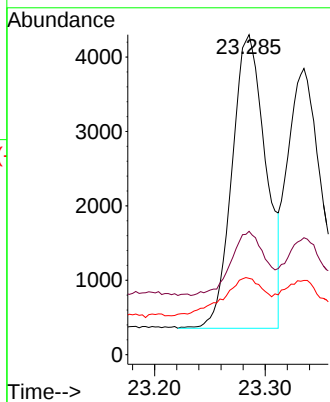
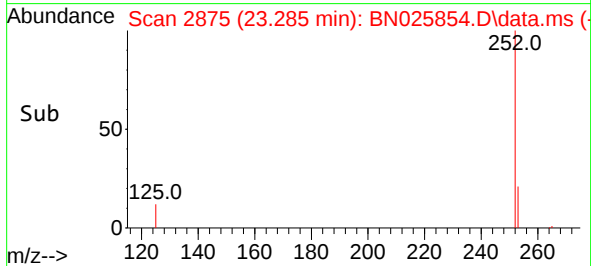
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-678-680



Tgt Ion:252 Resp: 8360
Ion Ratio Lower Upper
252 100
253 38.6 23.4 35.0#
125 23.9 12.3 18.5#

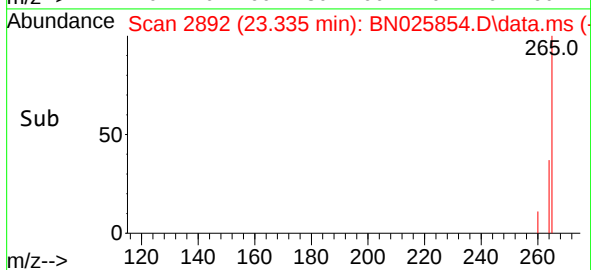
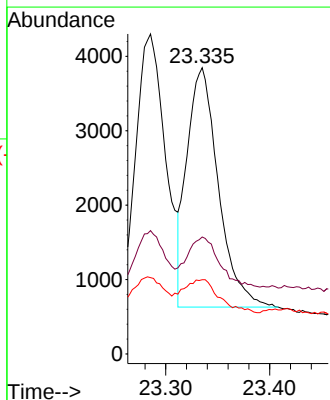
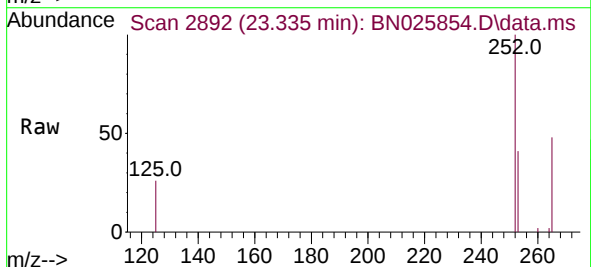
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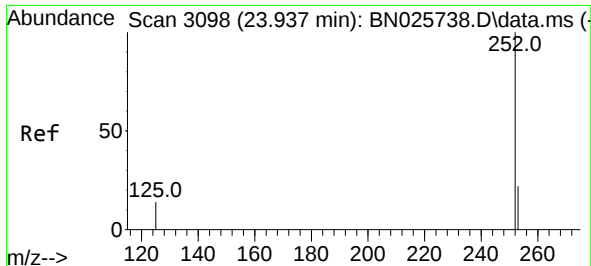
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#38
Benzo(k)fluoranthene
Concen: 0.887 ng
RT: 23.335 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BN025854.D
Acq: 15 Jun 2023 12:40

Tgt Ion:252 Resp: 6757
Ion Ratio Lower Upper
252 100
253 40.8 24.2 36.4#
125 25.9 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.566 ng

RT: 23.929 min Scan# 3095

Delta R.T. -0.009 min

Lab File: BN025854.D

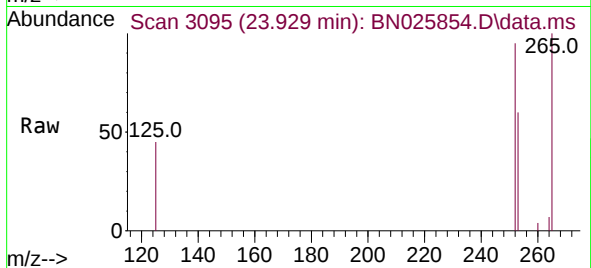
Acq: 15 Jun 2023 12:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-678-680



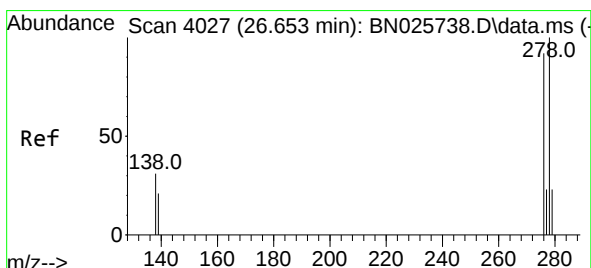
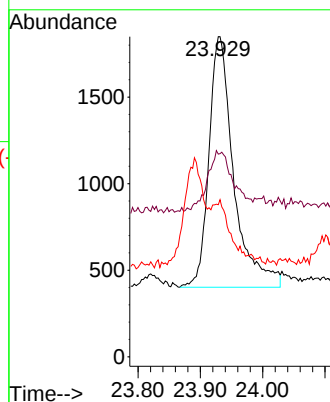
Tgt Ion:	252	Resp:	399
Ion Ratio	Lower	Upper	
252	100		
253	63.3	27.5	41.3
125	47.5	14.6	21.8

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.343 ng

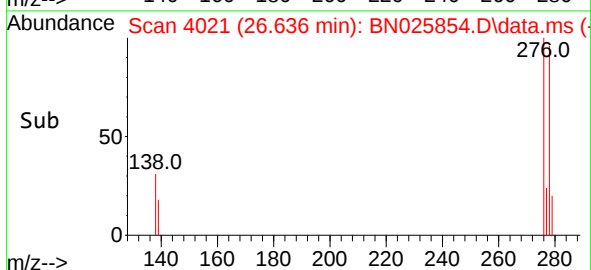
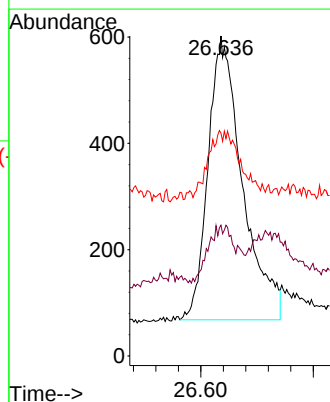
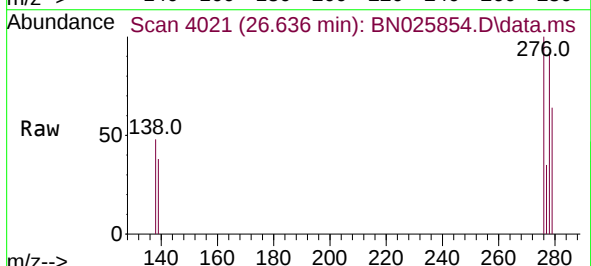
RT: 26.636 min Scan# 4021

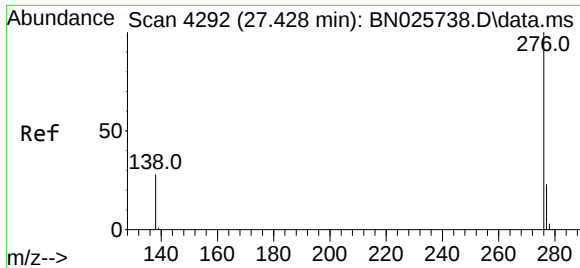
Delta R.T. -0.026 min

Lab File: BN025854.D

Acq: 15 Jun 2023 12:40

Tgt Ion:	278	Resp:	2255
Ion Ratio	Lower	Upper	
278	100		
139	40.9	18.7	28.1
279	69.6	25.1	37.7





#41

Benzo(g,h,i)perylene

Concen: 0.412 ng

RT: 27.416 min Scan# 41

Delta R.T. -0.029 min

Lab File: BN025854.D

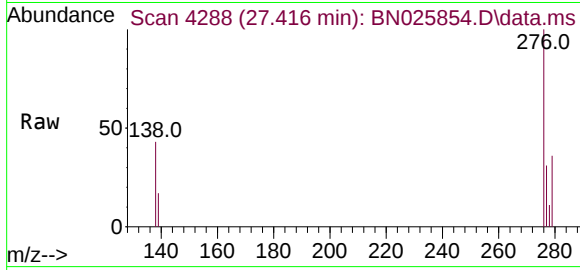
Acq: 15 Jun 2023 12:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-678-680



Tgt Ion:276 Resp: 302

Ion Ratio Lower Upper

276 100

277 31.5 20.2 30.2

138 42.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023

