

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034658.D
 Acq On : 18 Oct 2024 20:33
 Operator : RC/JU
 Sample : P4380-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27G7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 23:34:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	339344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1298856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	687695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1245639	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1165063	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1380764	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	40734	4.803	ng/uL	0.00
4) Pyridine-d5	3.611	84	211898	8.558	ng/u1	0.01
7) Phenol-d5	6.834	99	299256	10.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	568042	33.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	722865	33.601	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	488194	22.493	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	352139	38.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	361137	50.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	595407	36.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	522072	18.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1515436	34.833	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1973336	36.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	98728	12.182	ng/u1	0.00
60) Fluorene-d10	15.292	176	1331417	35.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	161197	38.607	ng/u1	0.00
73) Anthracene-d10	17.139	188	1992750	37.424	ng/u1	0.00
81) Pyrene-d10	19.433	212	2234273	37.350	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2455697	38.599	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.863	94	171550	5.899	ng/u1	98
18) 4-Methylphenol	8.428	108	59424	2.553	ng/u1	99
26) 2,4-Dimethylphenol	9.657	107	56278m	2.685	ng/u1	
30) Naphthalene	10.498	128	12504442	191.528	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	577422	13.432	ng/u1	97
37) 1-Methylnaphthalene	12.328	142	280949	6.420	ng/u1	97
43) 1,1'-Biphenyl	13.128	154	139242	2.948	ng/u1	98
50) Acenaphthylene	14.016	152	666825	11.388	ng/u1	97
52) Acenaphthene	14.357	153	289116	7.107	ng/u1	98
56) Dibenzofuran	14.692	168	411923	7.620	ng/u1	98
61) Fluorene	15.345	166	335058	7.692	ng/u1	95
72) Phenanthrene	17.080	178	773908	12.448	ng/u1	99
74) Anthracene	17.169	178	76021m	1.183	ng/u1	
77) Carbazole	17.439	167	451000	7.581	ng/u1	98
80) Fluoranthene	19.098	202	116006	1.616	ng/u1	99

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

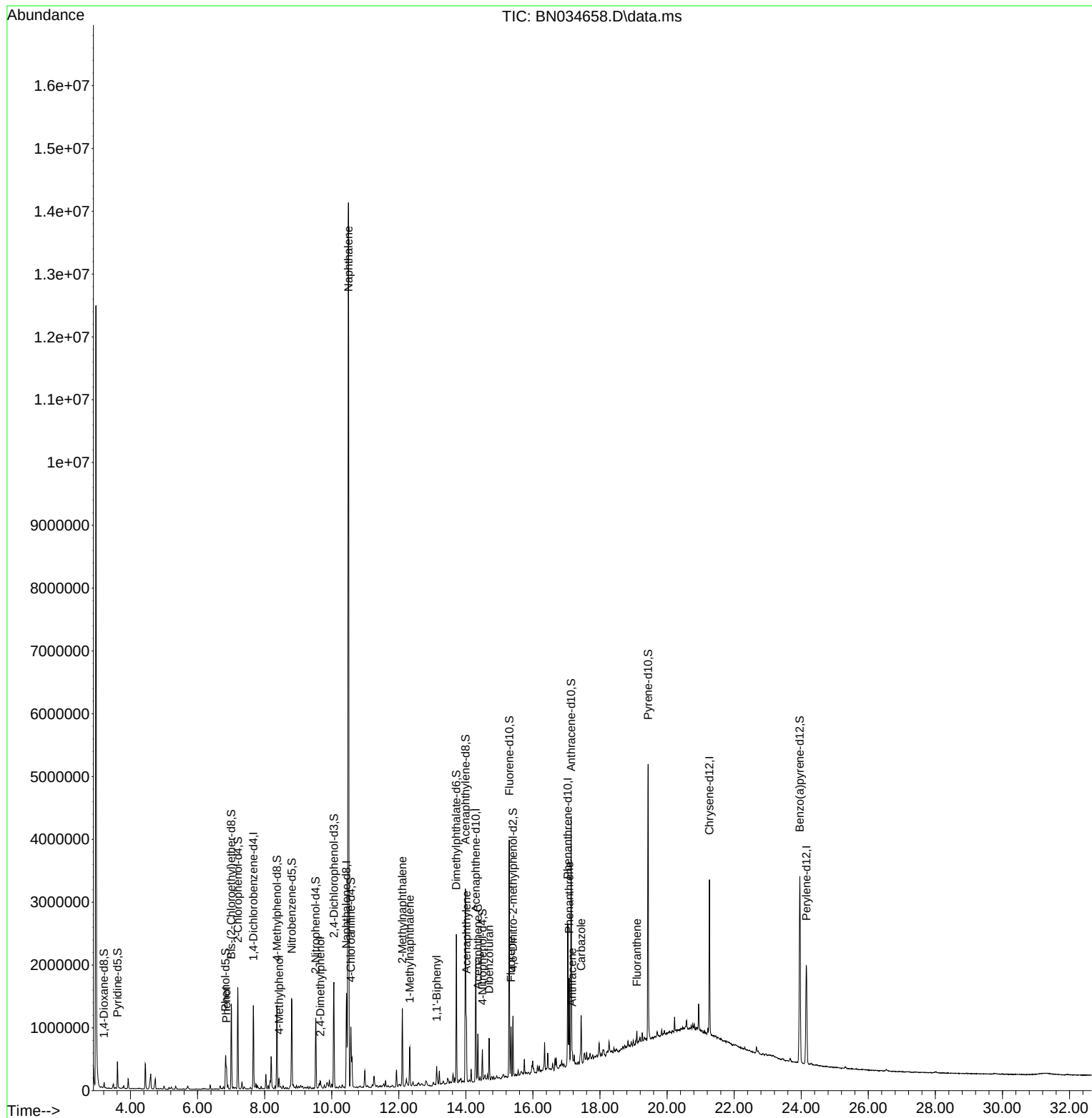
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034658.D
Acq On : 18 Oct 2024 20:33
Operator : RC/JU
Sample : P4380-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

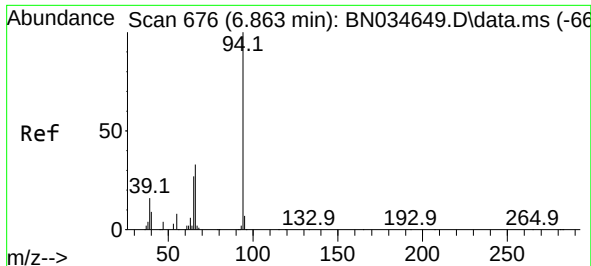
Instrument :
BNA_N
ClientSampleId :
E27G7

Quant Time: Oct 18 23:34:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024





#8

Phenol

Concen: 5.899 ng/u1

RT: 6.863 min Scan# 61

Delta R.T. 0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

ClientSampleId :

E27G7

Tgt Ion: 94 Resp: 171550

Ion Ratio Lower Upper

94 100

65 27.0 22.2 33.4

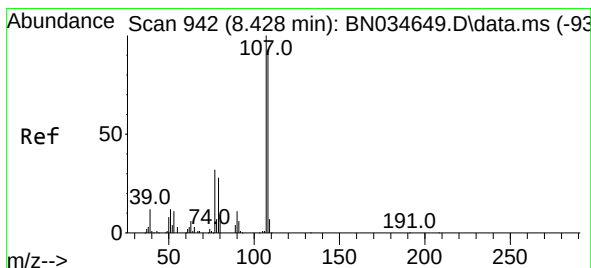
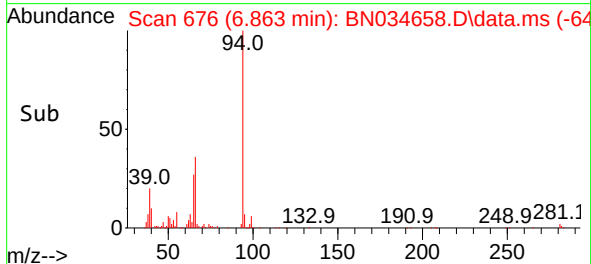
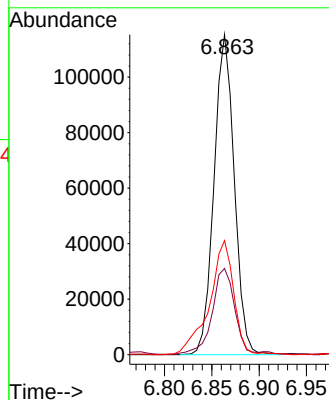
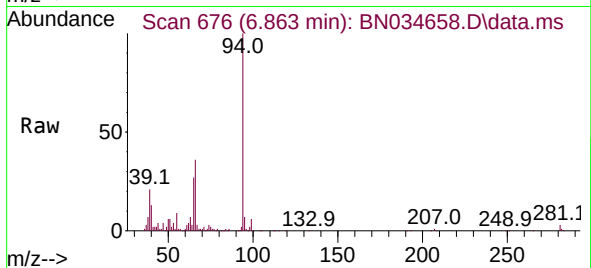
66 35.7 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024



#18

4-Methylphenol

Concen: 2.553 ng/u1

RT: 8.428 min Scan# 942

Delta R.T. 0.000 min

Lab File: BN034658.D

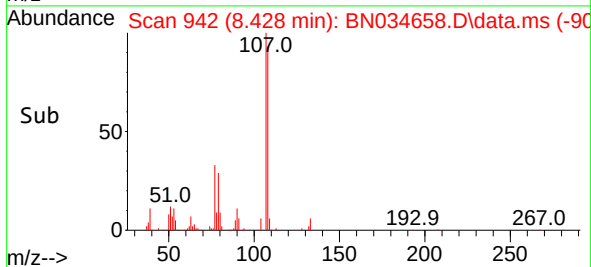
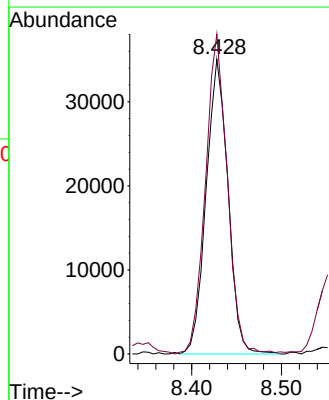
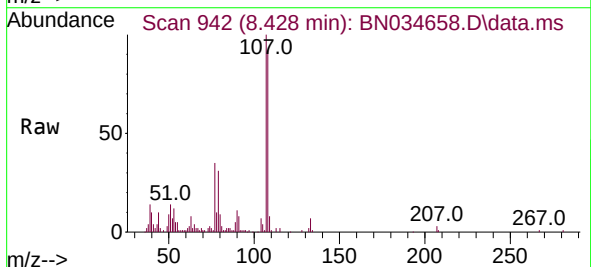
Acq: 18 Oct 2024 20:33

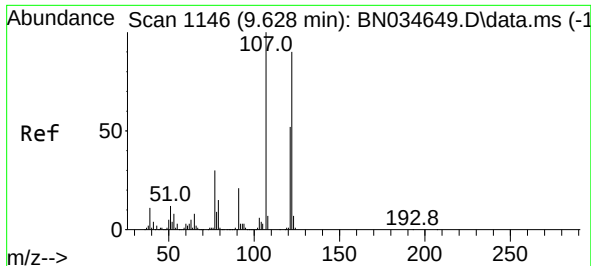
Tgt Ion:108 Resp: 59424

Ion Ratio Lower Upper

108 100

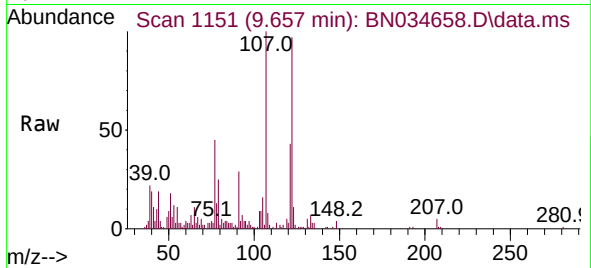
107 108.5 85.8 128.6





#26
2,4-Dimethylphenol
Concen: 2.685 ng/ul m
RT: 9.657 min Scan# 1146
Delta R.T. 0.035 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

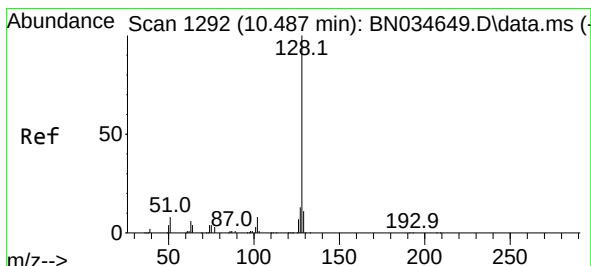
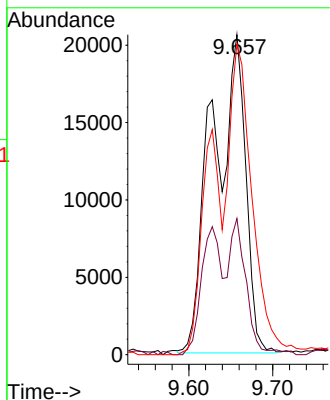
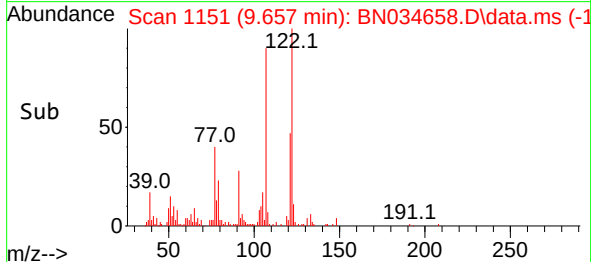
Instrument :
BNA_N
ClientSampleId :
E27G7



Tgt Ion:107 Resp: 56278
Ion Ratio Lower Upper
107 100
121 42.5 41.8 62.6
122 97.1 70.2 105.2

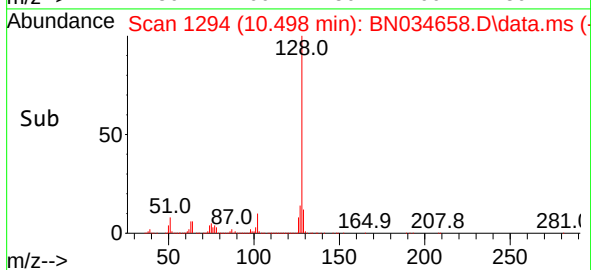
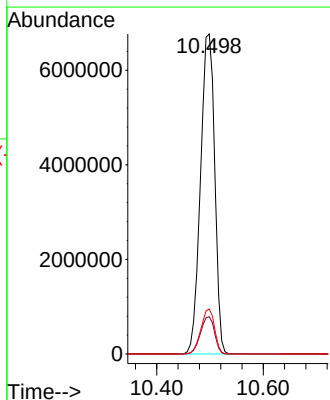
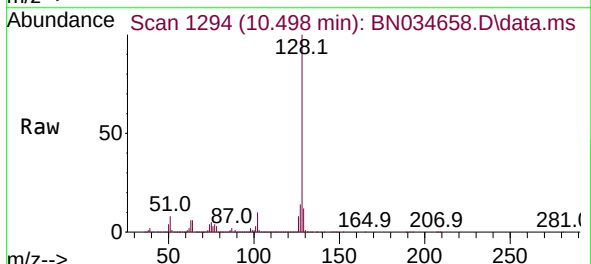
Manual Integrations
APPROVED

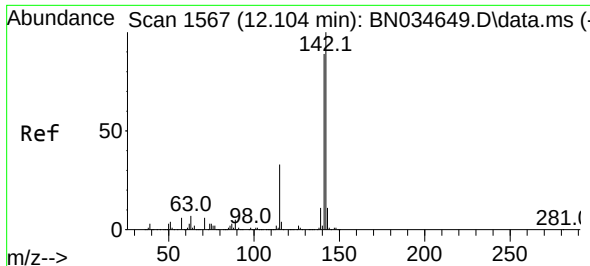
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#30
Naphthalene
Concen: 191.528 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

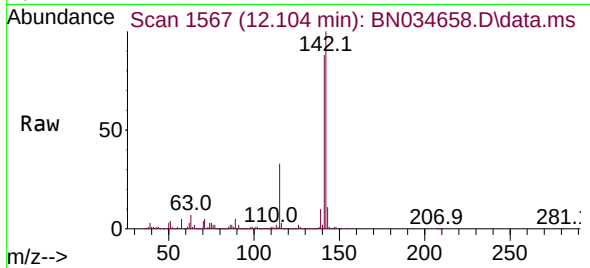
Tgt Ion:128 Resp:12504442
Ion Ratio Lower Upper
128 100
129 11.6 8.2 12.4
127 14.1 10.3 15.5





#36
2-Methylnaphthalene
Concen: 13.432 ng/ul
RT: 12.104 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

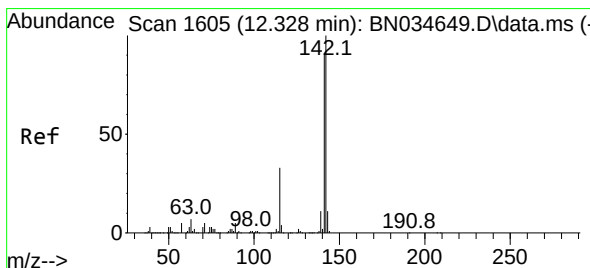
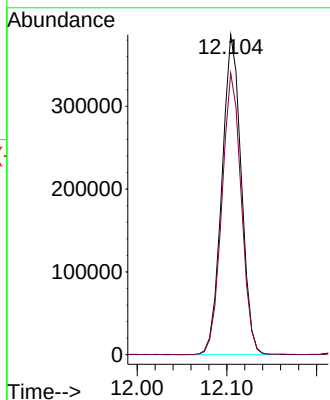
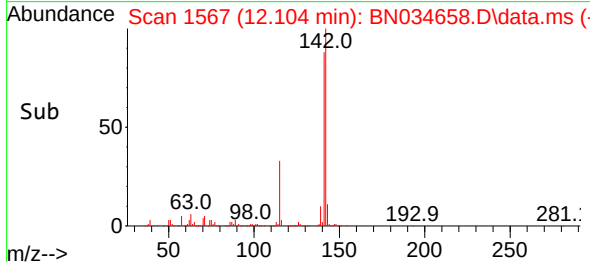
Instrument :
BNA_N
ClientSampleId :
E27G7



Tgt Ion:142 Resp: 57742
Ion Ratio Lower Upper
142 100
141 88.0 72.3 108.5

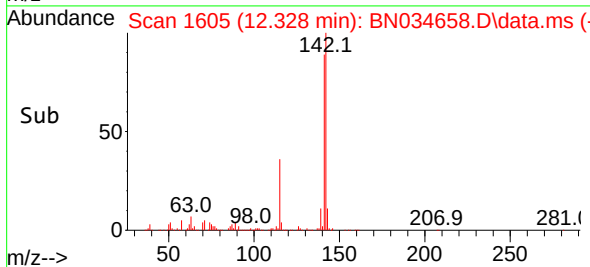
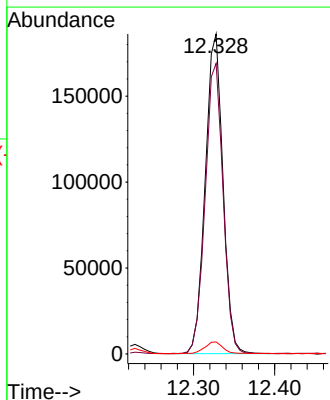
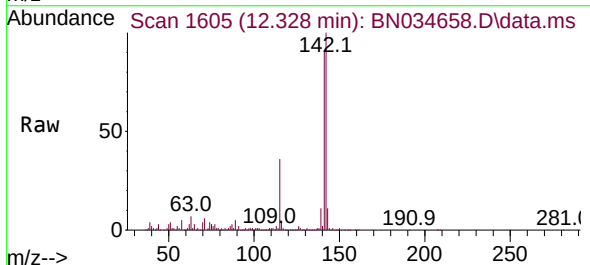
Manual Integrations
APPROVED

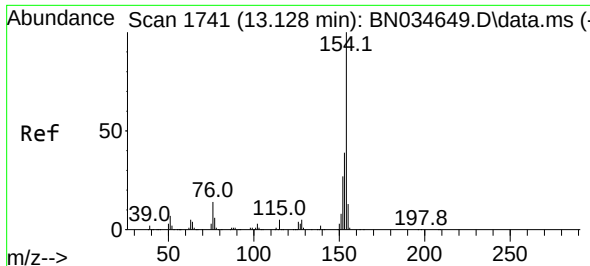
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#37
1-Methylnaphthalene
Concen: 6.420 ng/ul
RT: 12.328 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

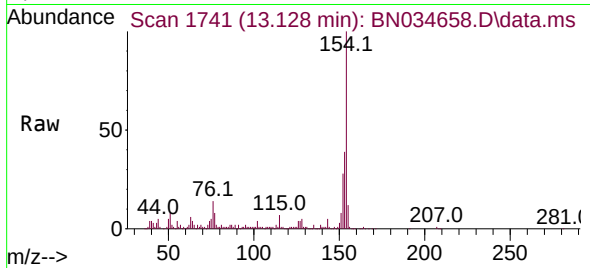
Tgt Ion:142 Resp: 280949
Ion Ratio Lower Upper
142 100
141 90.8 75.4 113.0
116 3.8 2.8 4.2





#43
1,1'-Biphenyl
Concen: 2.948 ng/ul
RT: 13.128 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

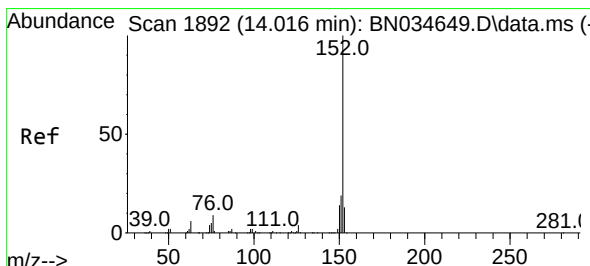
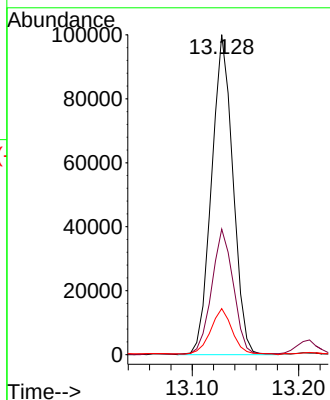
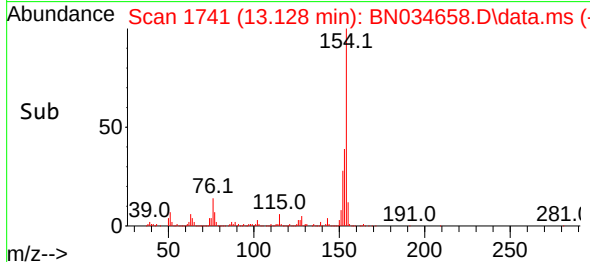
Instrument :
BNA_N
ClientSampleId :
E27G7



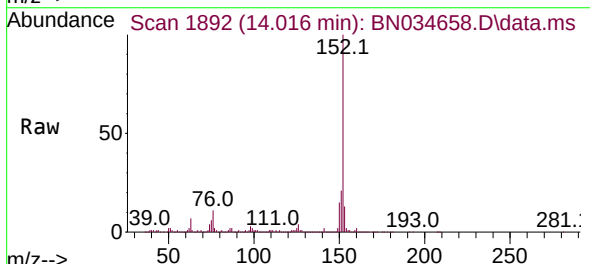
Tgt Ion:154 Resp: 13924
Ion Ratio Lower Upper
154 100
153 39.3 32.4 48.6
76 14.4 11.2 16.8

Manual Integrations
APPROVED

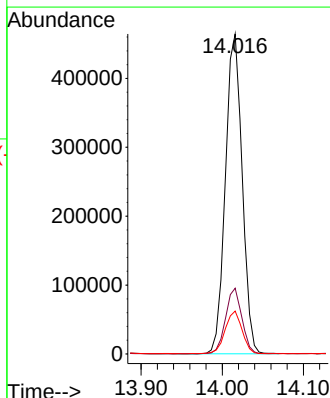
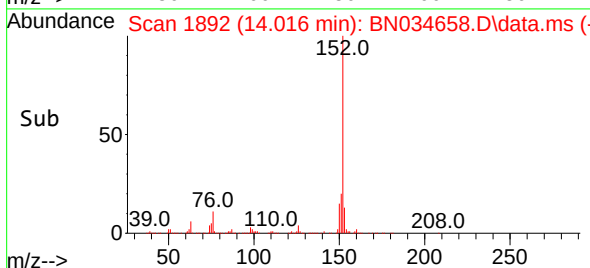
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024

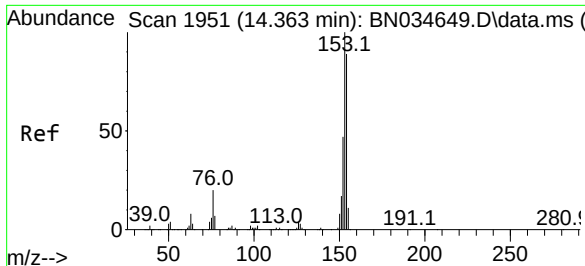


#50
Acenaphthylene
Concen: 11.388 ng/ul
RT: 14.016 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33



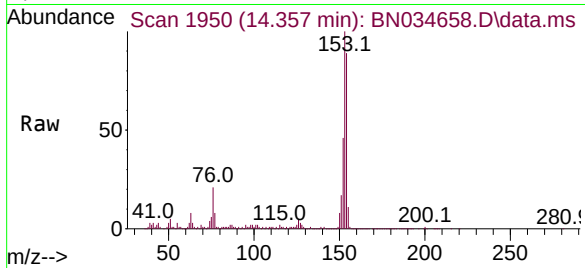
Tgt Ion:152 Resp: 666825
Ion Ratio Lower Upper
152 100
151 20.6 15.3 22.9
153 13.4 9.9 14.9





#52
Acenaphthene
Concen: 7.107 ng/u1
RT: 14.357 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

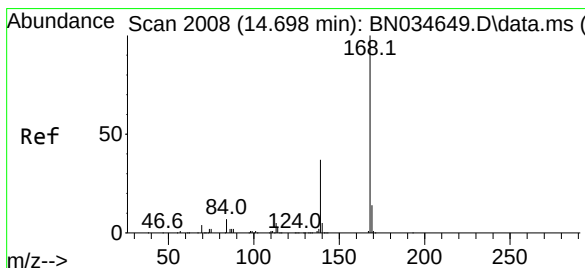
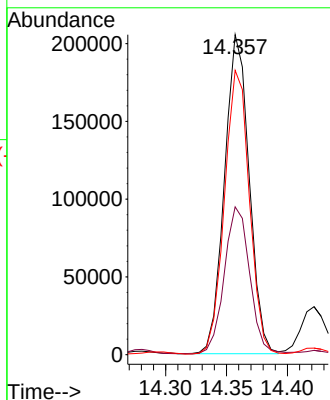
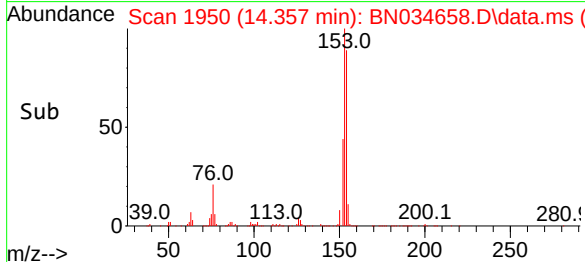
Instrument :
BNA_N
ClientSampleId :
E27G7



Tgt Ion:153 Resp: 289110
Ion Ratio Lower Upper
153 100
152 46.2 36.5 54.7
154 88.8 69.3 103.9

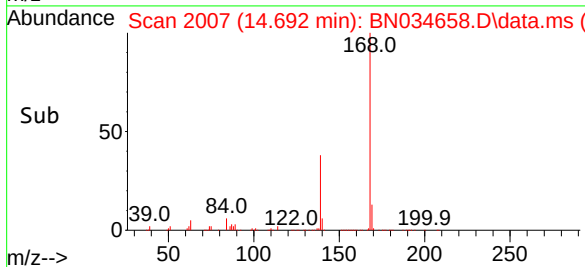
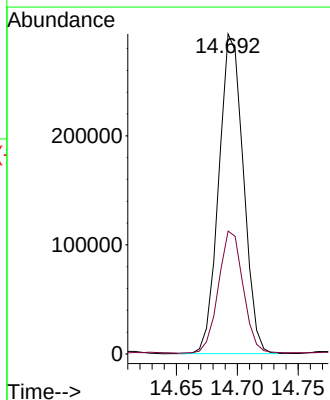
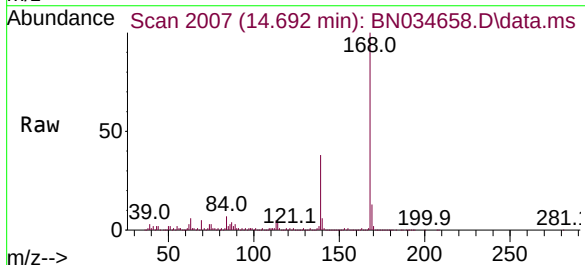
Manual Integrations
APPROVED

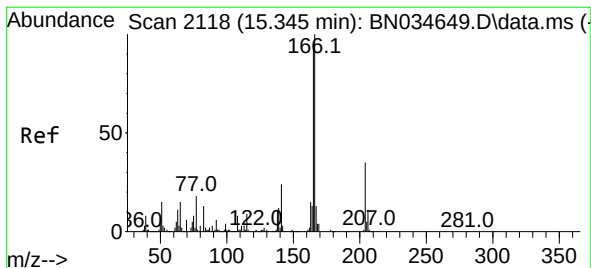
Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024



#56
Dibenzofuran
Concen: 7.620 ng/u1
RT: 14.692 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

Tgt Ion:168 Resp: 411923
Ion Ratio Lower Upper
168 100
139 38.4 29.7 44.5





#61

Fluorene

Concen: 7.692 ng/ul

RT: 15.345 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

ClientSampleId :

E27G7

Tgt Ion:166 Resp: 335058

Ion Ratio Lower Upper

166 100

165 97.6 82.2 123.4

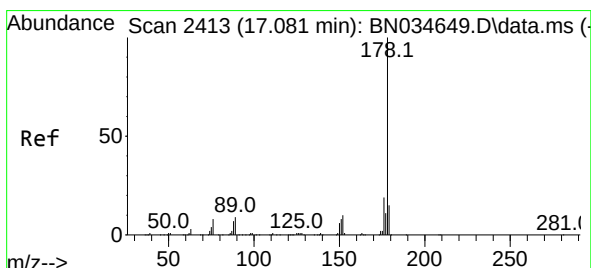
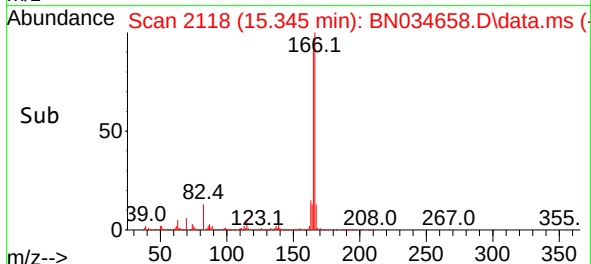
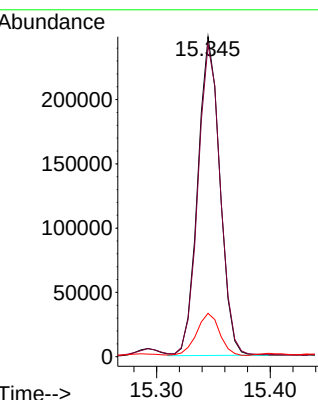
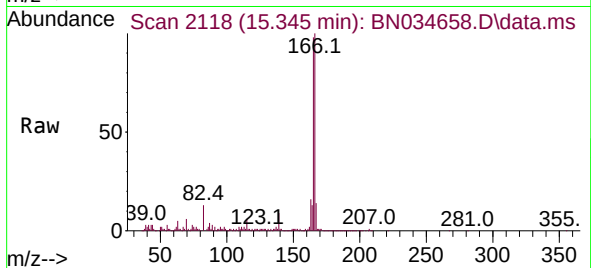
167 13.5 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024



#72

Phenanthrene

Concen: 12.448 ng/ul

RT: 17.080 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

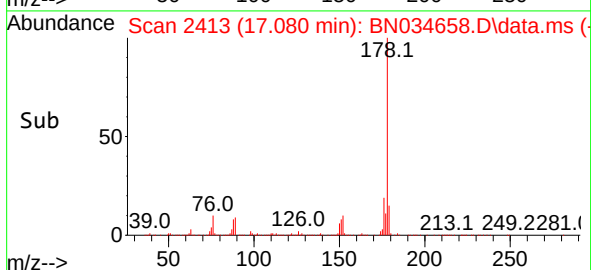
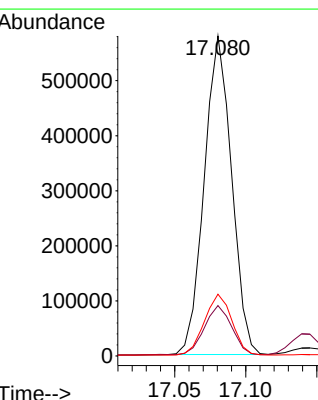
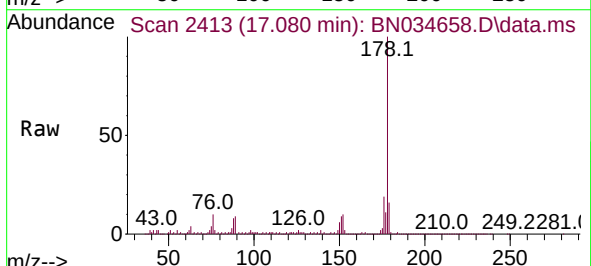
Tgt Ion:178 Resp: 773908

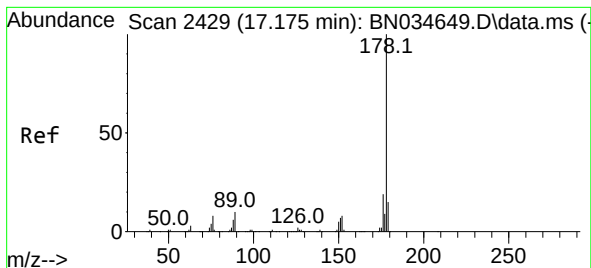
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

176 19.3 15.5 23.3





#74

Anthracene

Concen: 1.183 ng/ul m

RT: 17.169 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

ClientSampleId :

E27G7

Tgt Ion:178 Resp: 7602

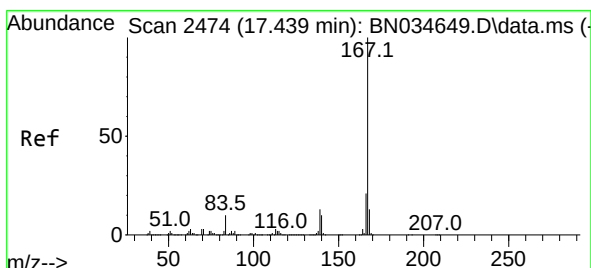
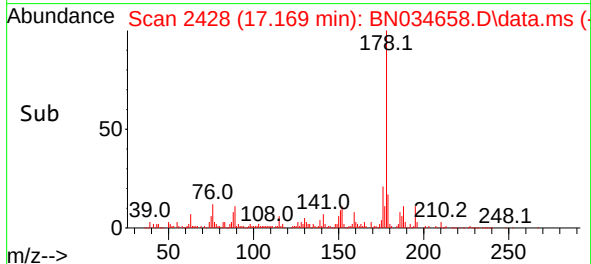
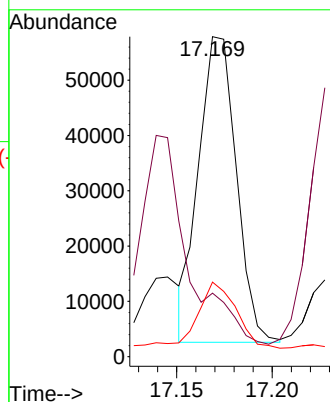
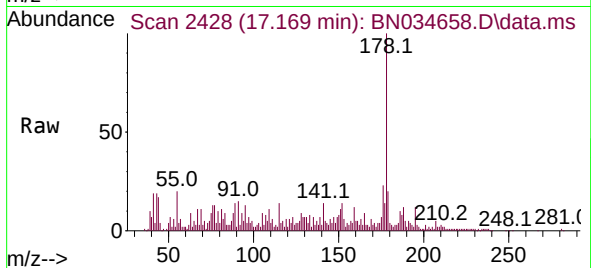
Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.9	19.3
176	23.3	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024



#77

Carbazole

Concen: 7.581 ng/ul

RT: 17.439 min Scan# 2474

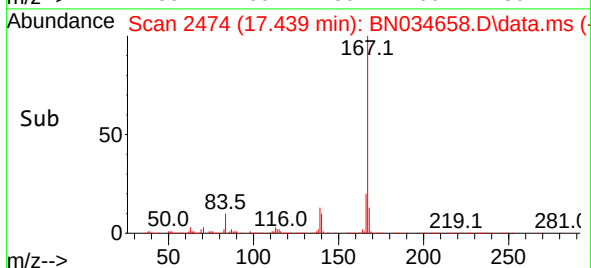
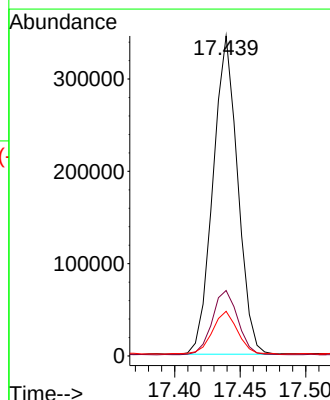
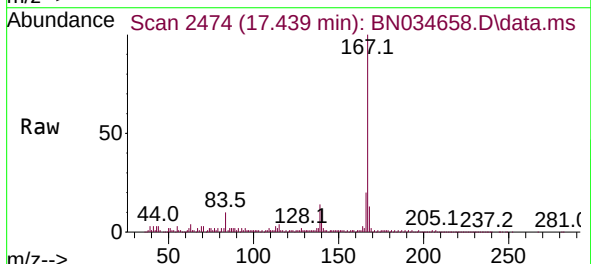
Delta R.T. 0.000 min

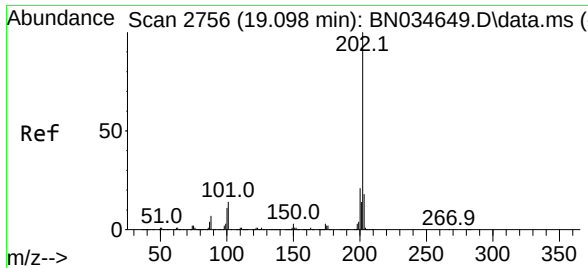
Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Tgt Ion:167 Resp: 451000

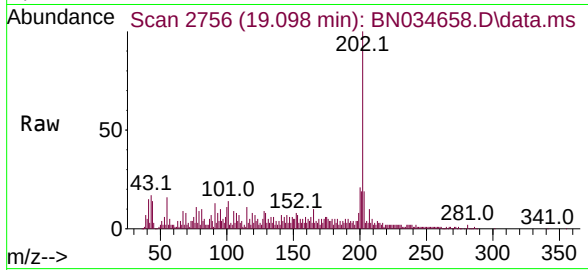
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	13.9	10.6	16.0





#80
 Fluoranthene
 Concen: 1.616 ng/ul
 RT: 19.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Instrument :
 BNA_N
 ClientSampleId :
 E27G7



Tgt Ion:202 Resp: 116000
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.6 15.8
 100 10.9 8.2 12.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

