

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020803.D
 Acq On : 06 Jul 2024 01:56
 Operator : MA/JU
 Sample : P2964-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B52

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 02:32:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	197690	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	828571	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	543825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1146667	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1020375	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	1196195	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11001	2.390	ng/uL	0.00
4) Pyridine-d5	3.681	84	42798	3.190	ng/u1	0.00
7) Phenol-d5	6.917	99	225717	13.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	144370	14.045	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	199248	15.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	150503	11.429	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	97816	15.990	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	107907	17.627	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	196844	15.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	134175	7.593	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	662262	17.515	ng/u1	0.02
49) Acenaphthylene-d8	14.051	160	734515	16.280	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	77448	13.406	ng/u1	0.02
60) Fluorene-d10	15.369	176	561223	17.638	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	58929	10.198	ng/u1	0.00
73) Anthracene-d10	17.263	188	860600	16.723	ng/u1	0.00
81) Pyrene-d10	19.651	212	876575	14.300	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	666376	11.452	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.422	153	40552	1.199	ng/u1	99
61) Fluorene	15.422	166	41295	1.128	ng/u1#	95
72) Phenanthrene	17.210	178	763586	12.717	ng/u1	100
74) Anthracene	17.298	178	147901	2.395	ng/u1	99
77) Carbazole	17.592	167	72396	1.420	ng/u1	97
80) Fluoranthene	19.304	202	1399297	18.688	ng/u1	99
82) Pyrene	19.681	202	927957	12.084	ng/u1	99
85) Benzo(a)anthracene	21.604	228	623696	8.721	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.533	149	189259	4.275	ng/u1#	97
87) Chrysene	21.669	228	643735	9.522	ng/u1	98
90) Benzo(b)fluoranthene	23.910	252	846918	11.687	ng/u1	99
91) Benzo(k)fluoranthene	23.969	252	290280	3.960	ng/u1	97
93) Benzo(a)pyrene	24.798	252	306648	4.483	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.757	276	293657m	3.347	ng/u1	
95) Dibenzo(a,h)anthracene	28.827	278	105962m	1.469	ng/u1	

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

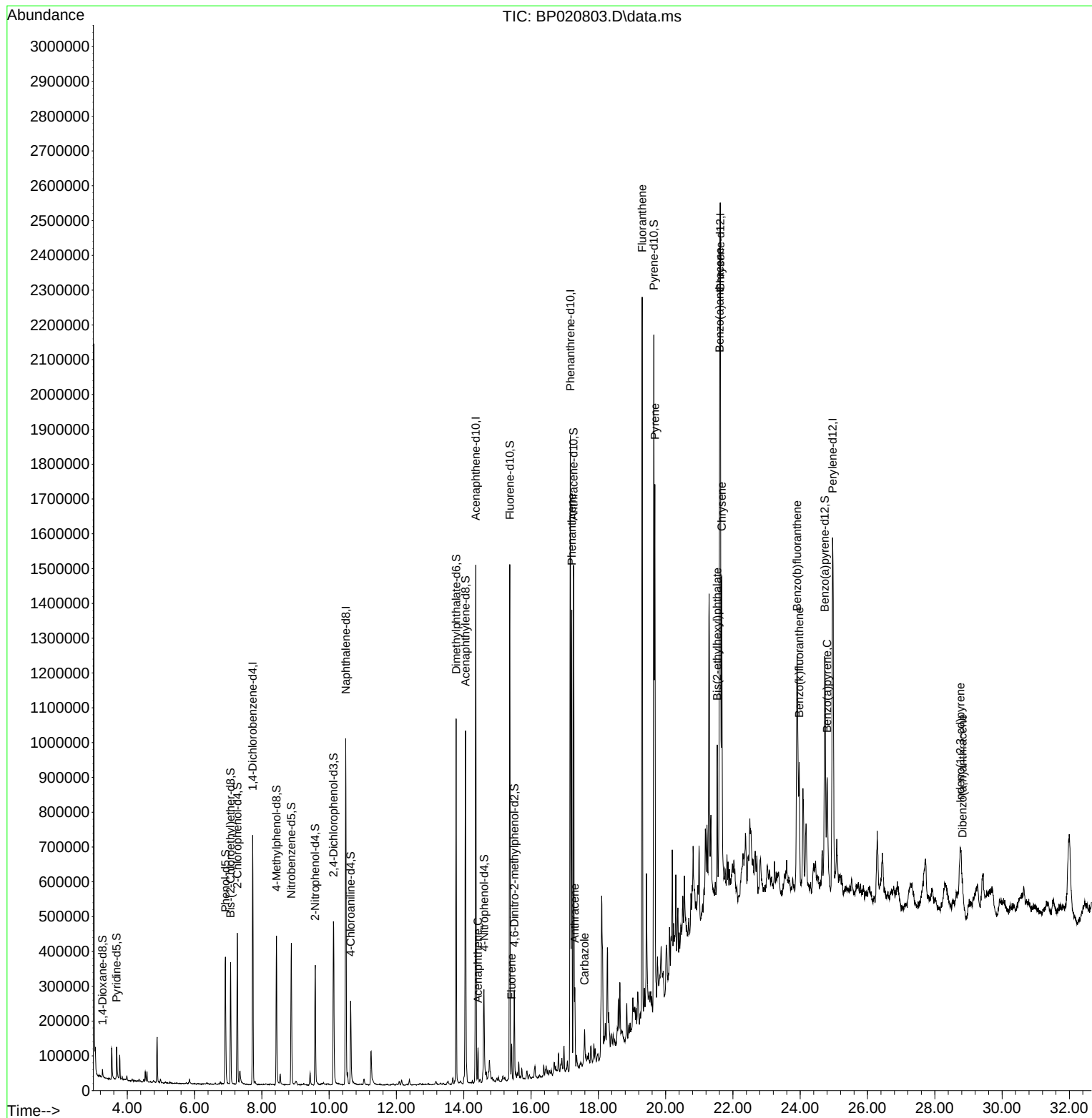
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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 ALS Vial : 22 Sample Multiplier: 1

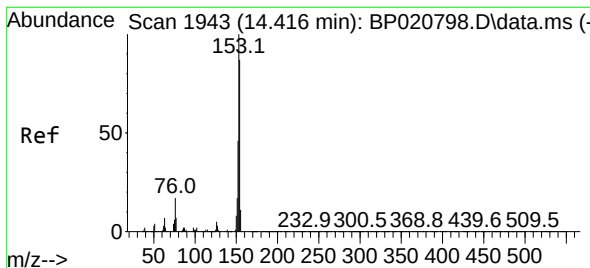
Instrument :
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Quant Time: Jul 06 02:32:29 2024
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#52

Acenaphthene

Concen: 1.199 ng/ul

RT: 14.422 min Scan# 1944

Delta R.T. 0.006 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Instrument :

BNA_P

ClientSampleId :

A4B52

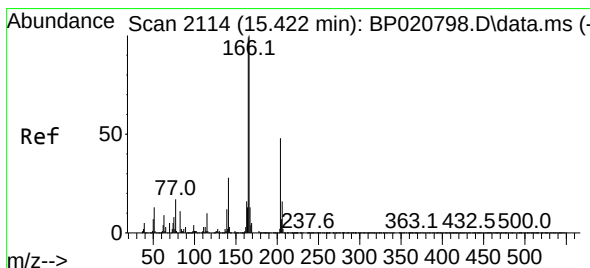
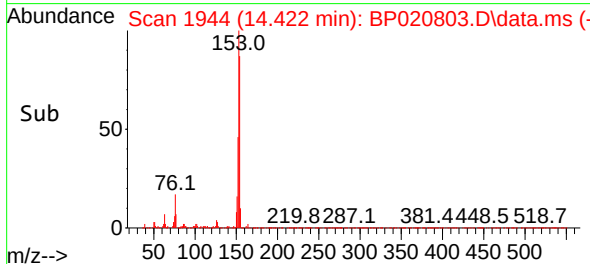
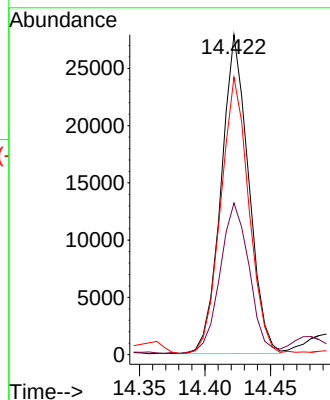
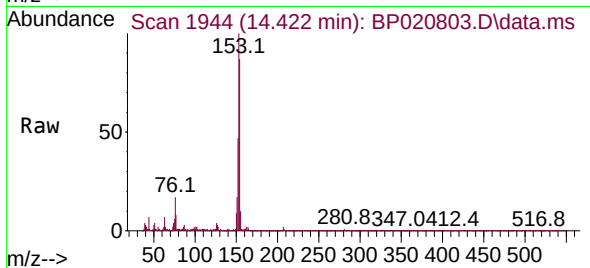
Tgt Ion:	153	Resp:	4055
Ion Ratio	Lower	Upper	
153	100		
152	47.4	38.2	57.2
154	86.7	69.8	104.6

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#61

Fluorene

Concen: 1.128 ng/ul

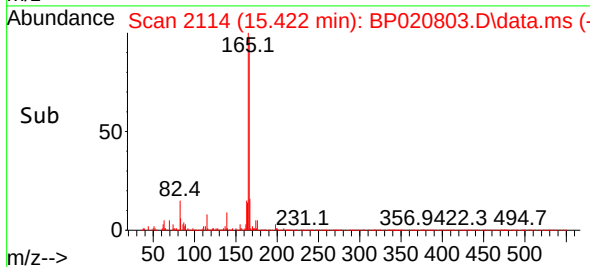
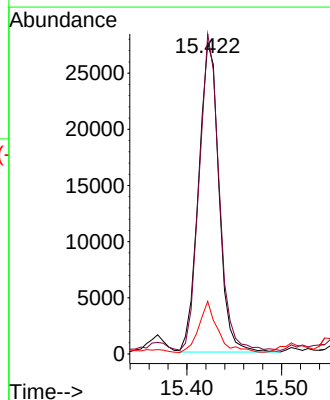
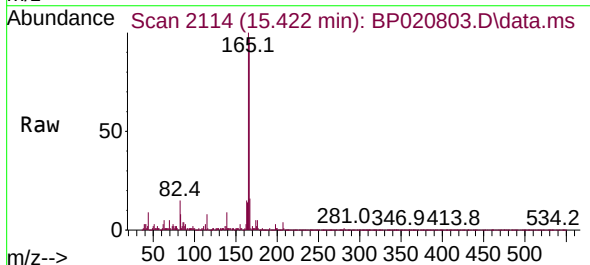
RT: 15.422 min Scan# 2114

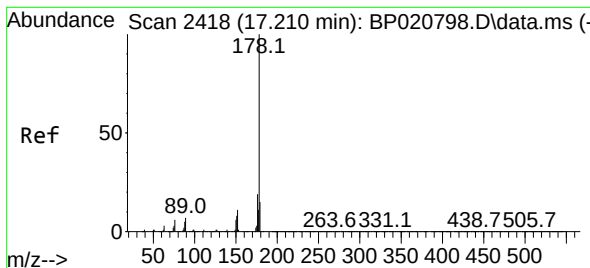
Delta R.T. 0.000 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Tgt Ion:	166	Resp:	41295
Ion Ratio	Lower	Upper	
166	100		
165	103.0	78.8	118.2
167	16.9	11.2	16.8





#72

Phenanthrene

Concen: 12.717 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Instrument :

BNA_P

ClientSampleId :

A4B52

Tgt Ion:178 Resp: 763580

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

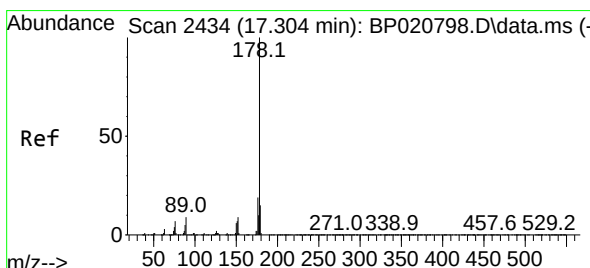
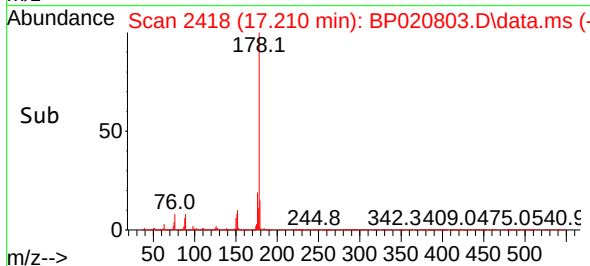
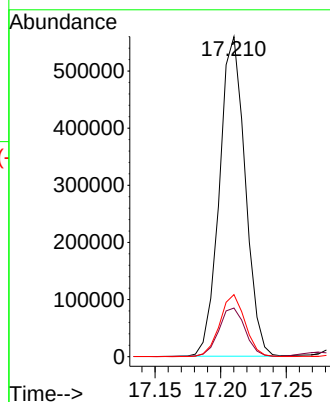
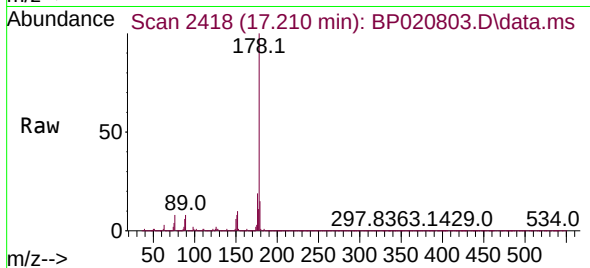
176 19.4 15.4 23.2

Manual Integrations

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#74

Anthracene

Concen: 2.395 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

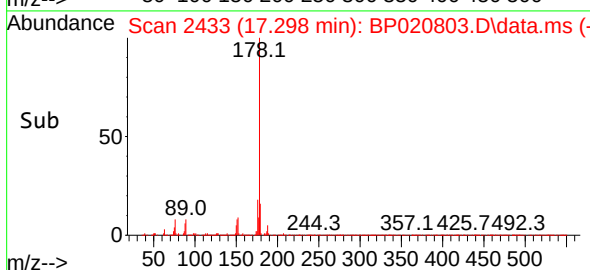
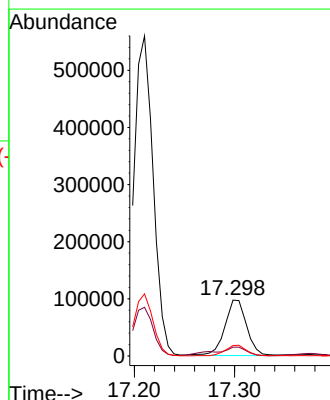
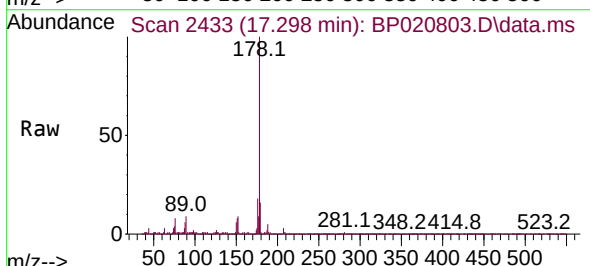
Tgt Ion:178 Resp: 147901

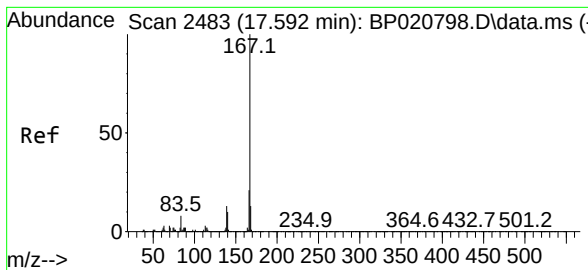
Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

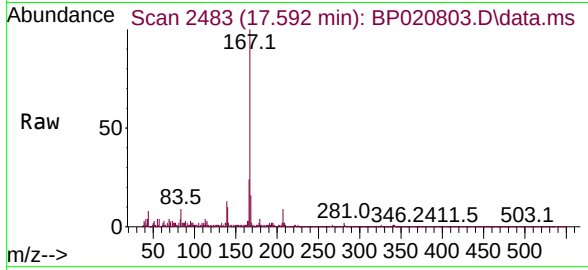
176 18.5 15.0 22.4





#77
 Carbazole
 Concen: 1.420 ng/ul
 RT: 17.592 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BP020803.D
 Acq: 06 Jul 2024 01:56

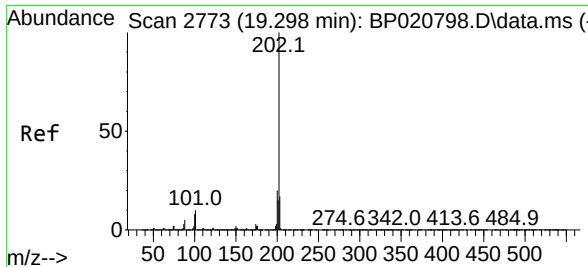
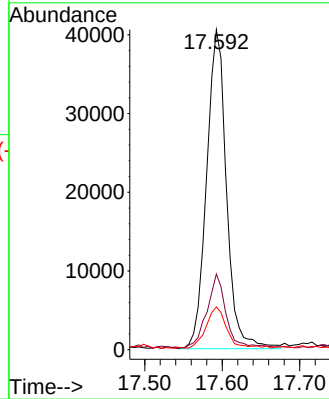
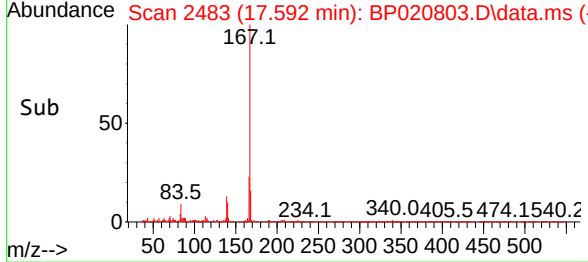
Instrument :
 BNA_P
 ClientSampleId :
 A4B52



Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.2	25.8
139	13.4	10.6	16.0

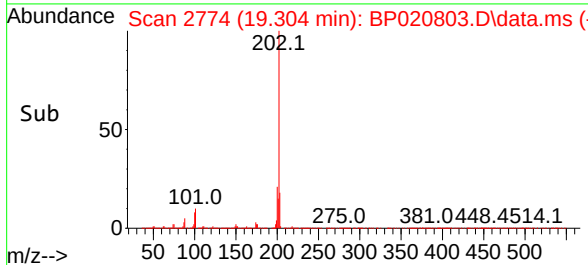
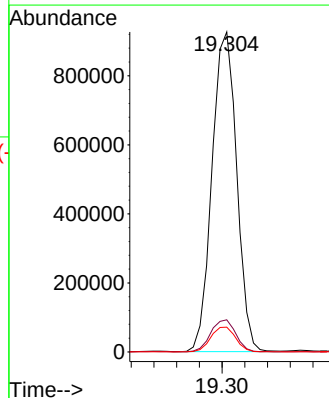
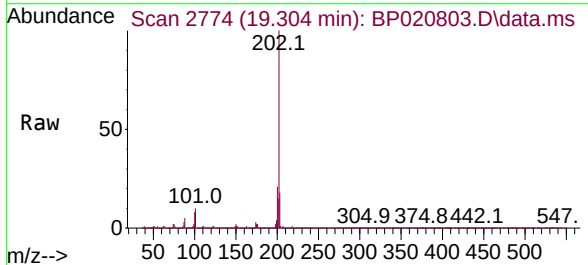
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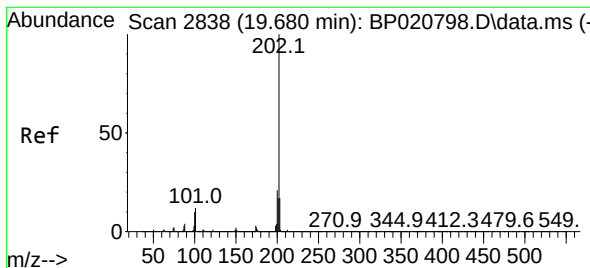
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#80
 Fluoranthene
 Concen: 18.688 ng/ul
 RT: 19.304 min Scan# 2774
 Delta R.T. 0.006 min
 Lab File: BP020803.D
 Acq: 06 Jul 2024 01:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.7	6.6	10.0





#82

Pyrene

Concen: 12.084 ng/ul

RT: 19.681 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Instrument :

BNA_P

ClientSampleId :

A4B52

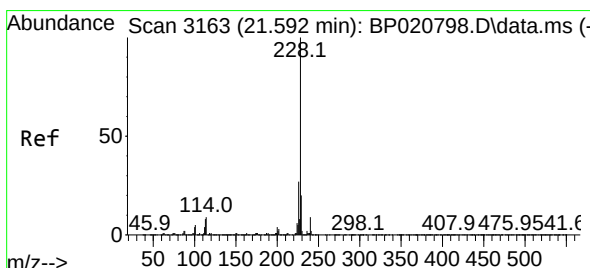
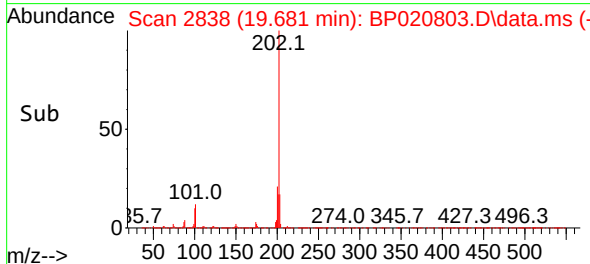
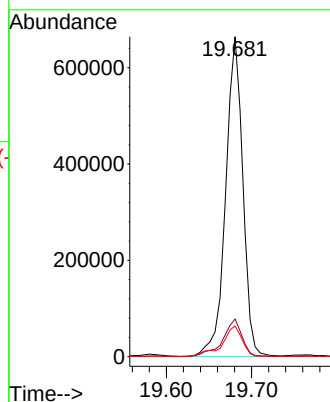
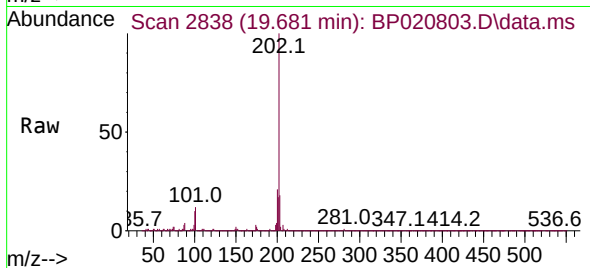
Tgt Ion:	202	Resp:	92795
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.8	14.8
100	9.5	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#85

Benzo(a)anthracene

Concen: 8.721 ng/ul

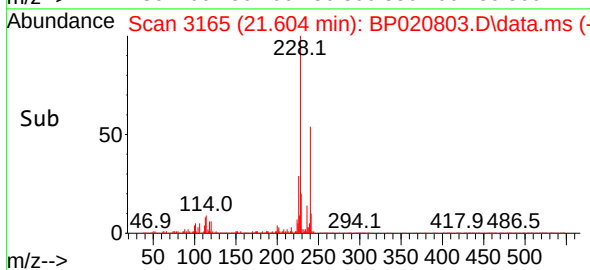
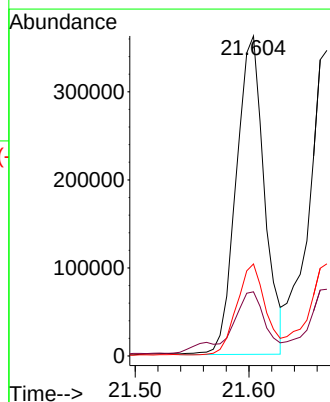
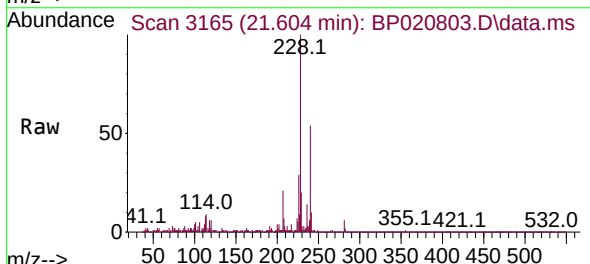
RT: 21.604 min Scan# 3165

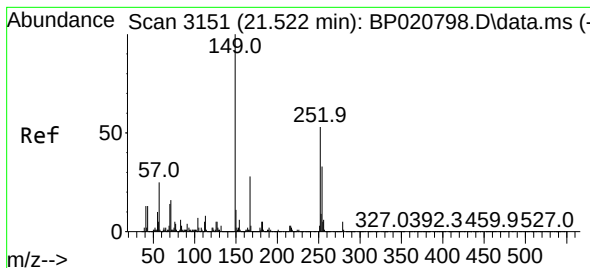
Delta R.T. 0.006 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

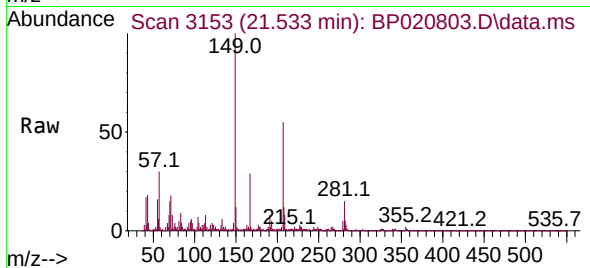
Tgt Ion:	228	Resp:	623696
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.2	22.8
226	28.7	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.275 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020803.D
Acq: 06 Jul 2024 01:56

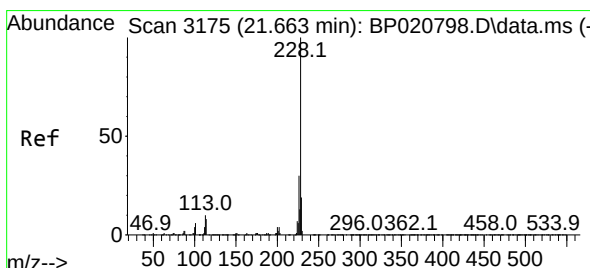
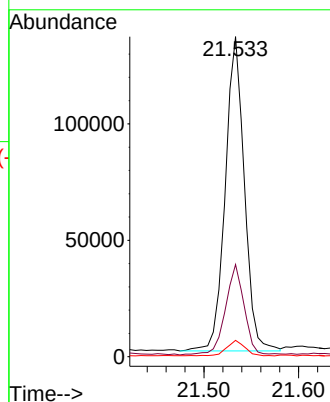
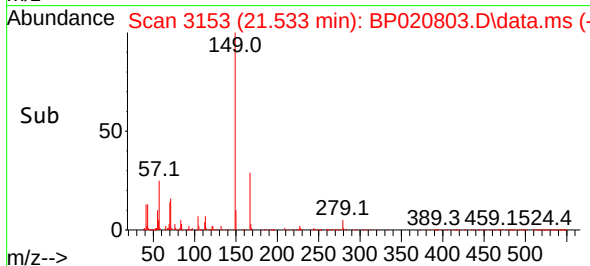
Instrument :
BNA_P
ClientSampleId :
A4B52



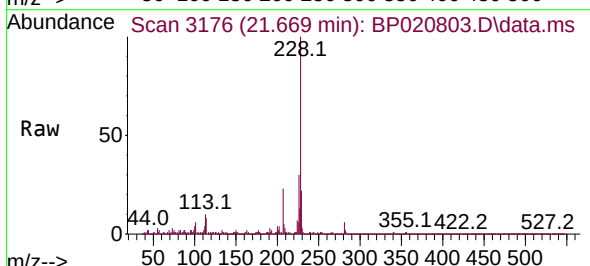
Tgt Ion:149 Resp: 189259
Ion Ratio Lower Upper
149 100
167 28.8 22.0 33.0
279 5.1 3.3 4.9

Manual Integrations
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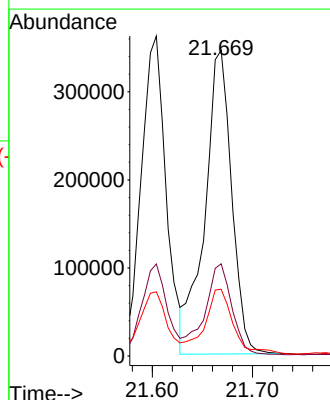
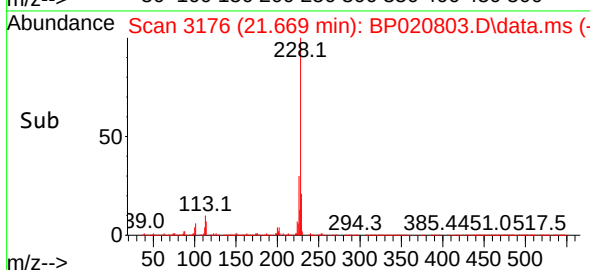
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

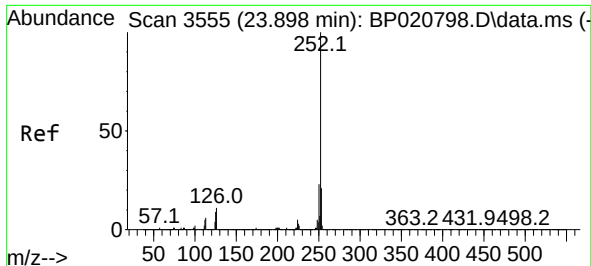


#87
Chrysene
Concen: 9.522 ng/ul
RT: 21.669 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP020803.D
Acq: 06 Jul 2024 01:56



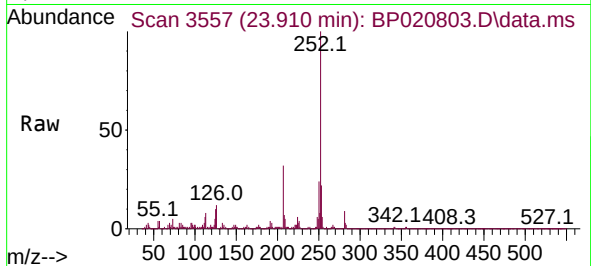
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Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 21.9 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 11.687 ng/u1
RT: 23.910 min Scan# 3557
Delta R.T. 0.006 min
Lab File: BP020803.D
Acq: 06 Jul 2024 01:56

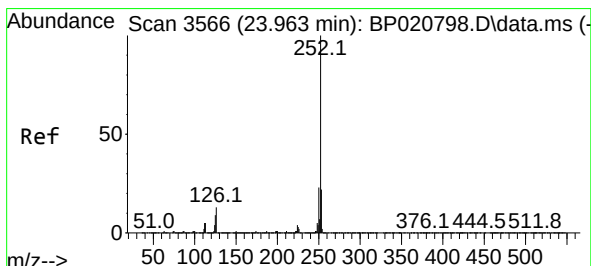
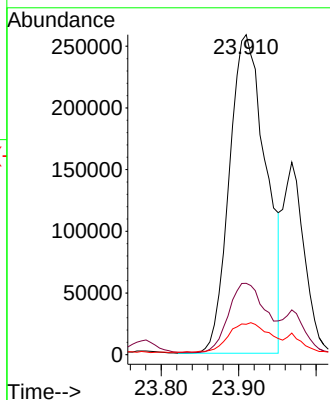
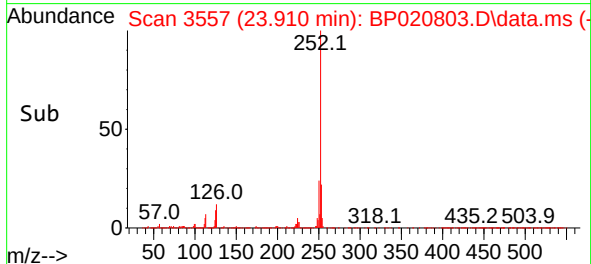
Instrument :
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ClientSampleId :
A4B52



Tgt Ion:252 Resp: 846918
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.5 7.9 11.9

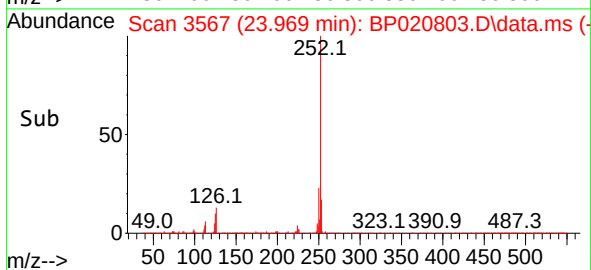
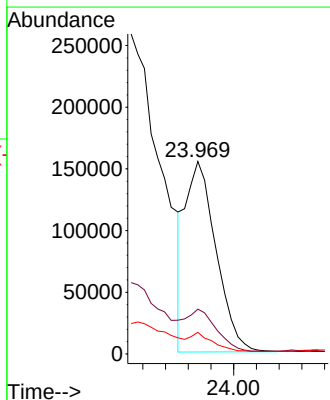
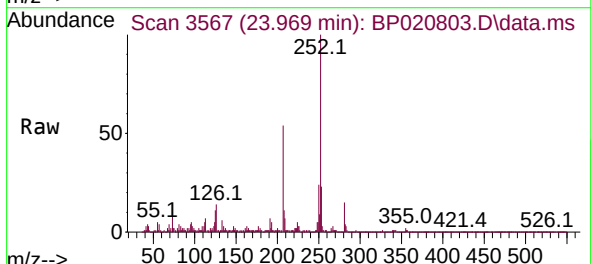
Manual Integrations
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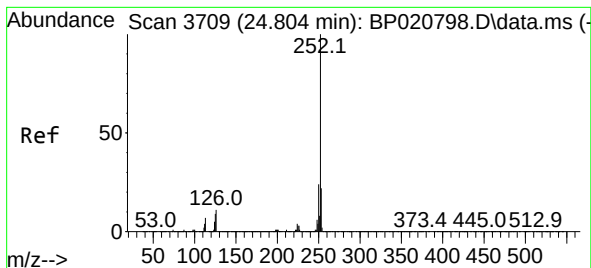
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#91
Benzo(k)fluoranthene
Concen: 3.960 ng/u1
RT: 23.969 min Scan# 3567
Delta R.T. -0.006 min
Lab File: BP020803.D
Acq: 06 Jul 2024 01:56

Tgt Ion:252 Resp: 290280
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 11.2 7.9 11.9





#93

Benzo(a)pyrene

Concen: 4.483 ng/ul

RT: 24.798 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Instrument :

BNA_P

ClientSampleId :

A4B52

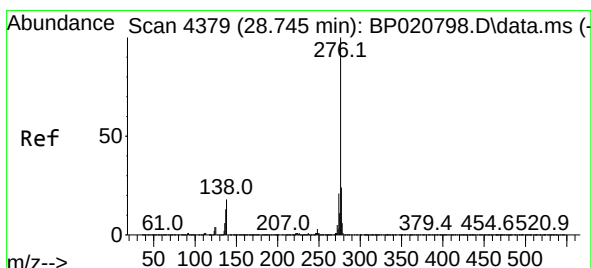
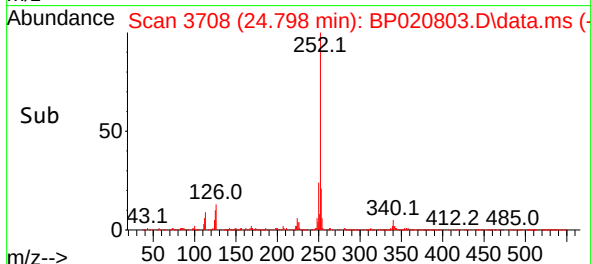
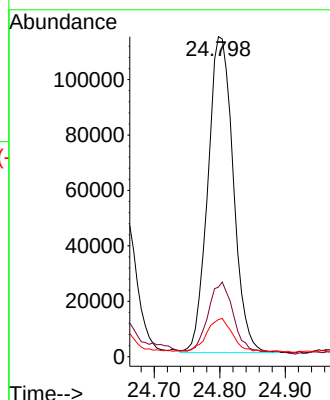
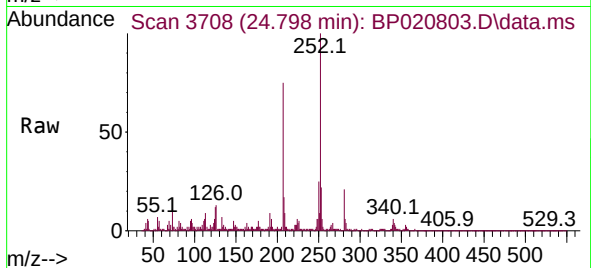
Tgt Ion:252 Resp: 306648
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 11.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.347 ng/ul m

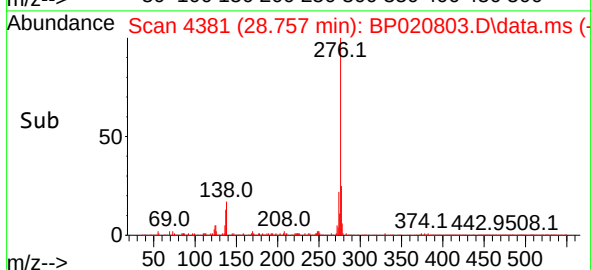
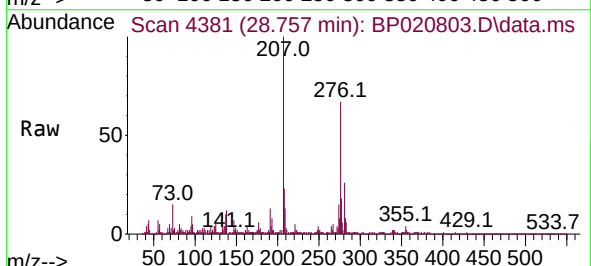
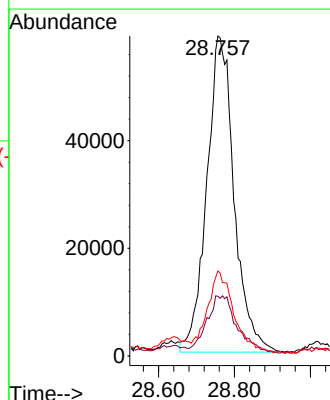
RT: 28.757 min Scan# 4381

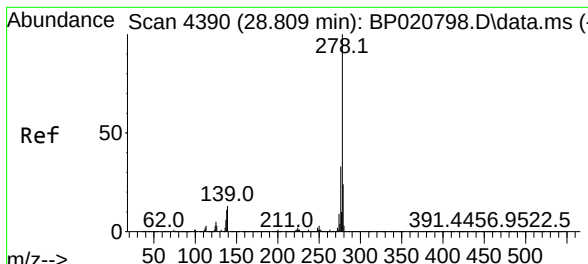
Delta R.T. -0.006 min

Lab File: BP020803.D

Acq: 06 Jul 2024 01:56

Tgt Ion:276 Resp: 293657
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.2 22.8
 277 26.5 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.469 ng/ul m
 RT: 28.827 min Scan# 4393
 Delta R.T. -0.012 min
 Lab File: BP020803.D
 Acq: 06 Jul 2024 01:56

Instrument :
 BNA_P
 ClientSampleId :
 A4B52

Tgt Ion:278 Resp: 105962

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.1	16.7
279	30.6	18.7	28.1

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

