

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139582.D
 Acq On : 30 Sep 2024 17:30
 Operator : RC/JU
 Sample : P4192-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 30 17:52:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	53808	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	196758	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	95761	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	151388	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	111773	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	85703	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	236683	71.757	ng	-0.02
7) Phenol-d6	6.492	99	316713	73.155	ng	-0.01
23) Nitrobenzene-d5	7.422	82	205803	49.173	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	48838	47.904	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	370907	54.323	ng	-0.02
79) Terphenyl-d14	12.963	244	300817	44.175	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	89621	12.270	ng	100
72) Anthracene	11.457	178	24759	3.467	ng	99
75) Fluoranthene	12.592	202	288638	37.005	ng	98
78) Pyrene	12.821	202	243782	25.401	ng	99
81) Benzo(a)anthracene	14.004	228	148386	20.042	ng	96
83) Chrysene	14.039	228	152359	22.368	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	23702	5.704	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	49269	9.668	ng	98
88) Benzo(b)fluoranthene	15.057	252	182900m	34.603	ng	
89) Benzo(k)fluoranthene	15.068	252	63950m	13.122	ng	
90) Benzo(a)pyrene	15.415	252	84495	19.275	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	12985	3.084	ng	# 87
92) Benzo(g,h,i)perylene	17.374	276	46113	11.060	ng	# 93

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

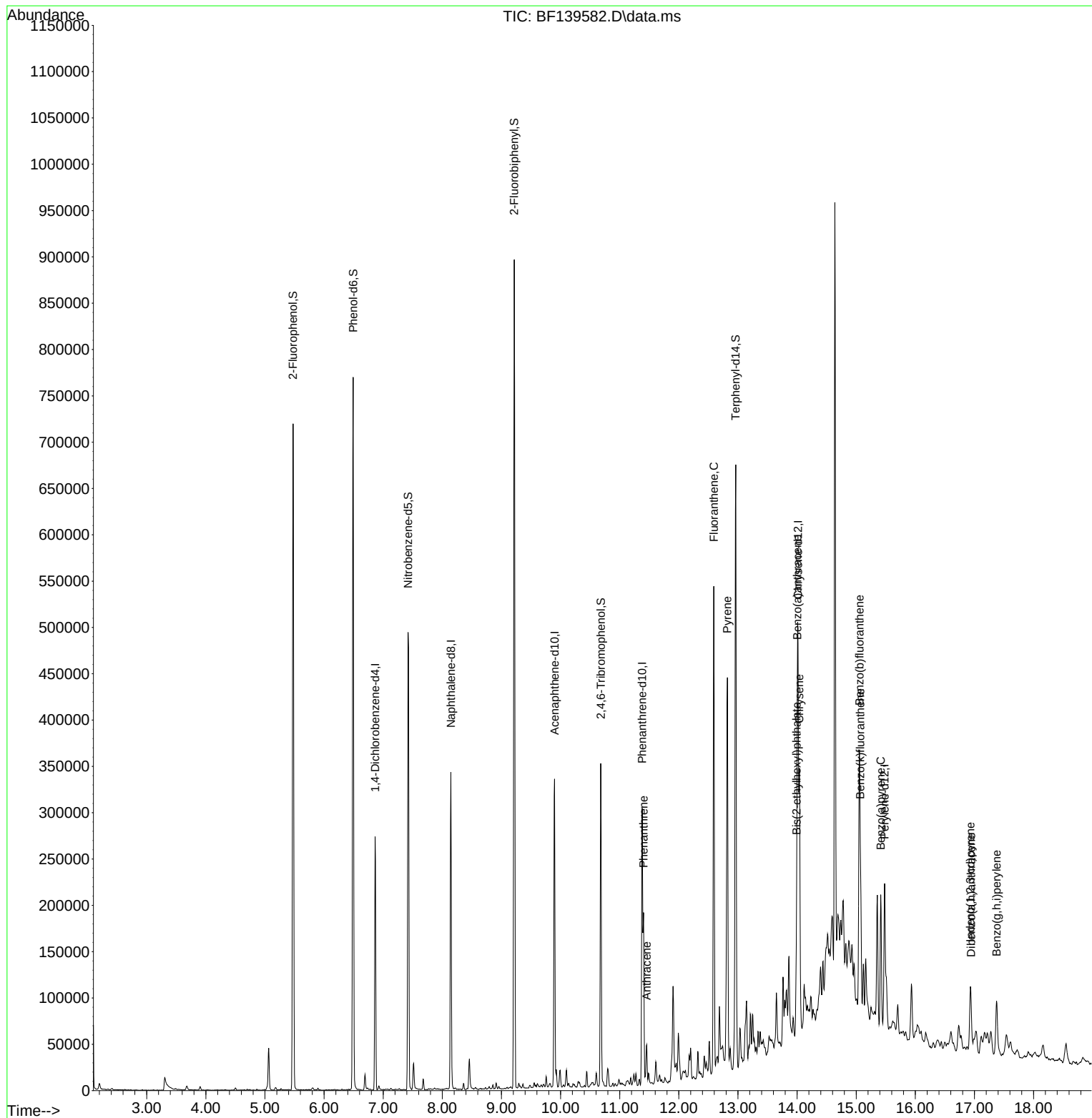
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
Data File : BF139582.D
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ALS Vial : 12 Sample Multiplier: 1

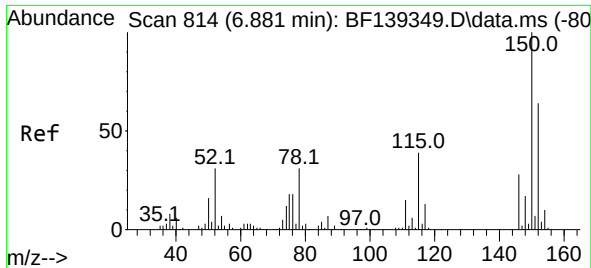
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Quant Time: Sep 30 17:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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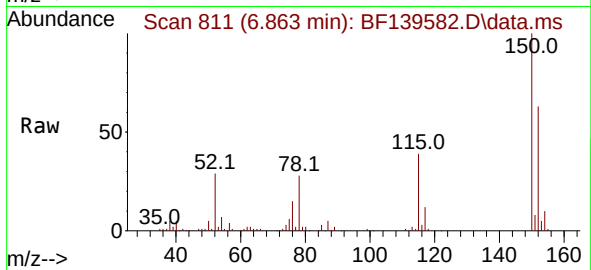
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

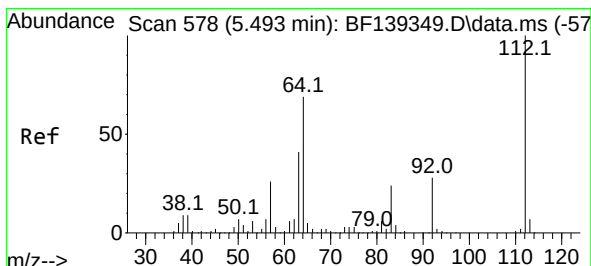
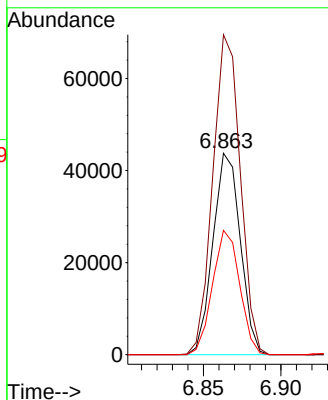
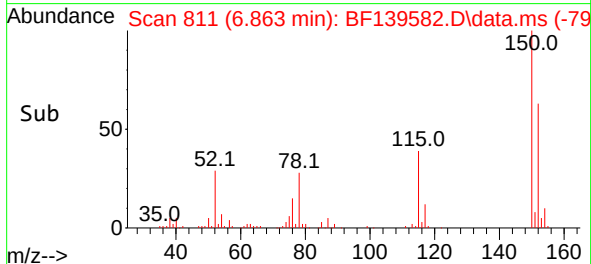
Instrument :
BNA_F
ClientSampleId :
ETGI-355RE



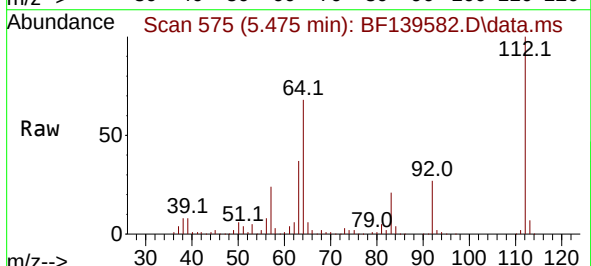
Tgt Ion:152 Resp: 53808
Ion Ratio Lower Upper
152 100
150 158.9 124.1 186.1
115 61.7 48.1 72.1

Manual Integrations
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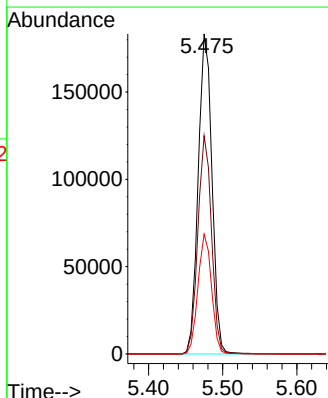
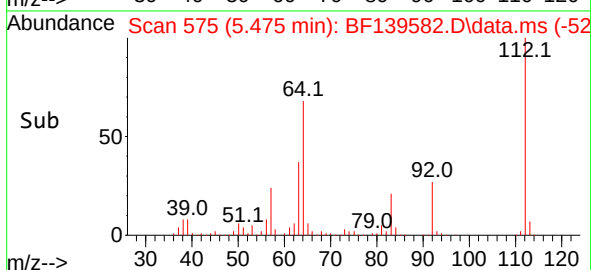
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

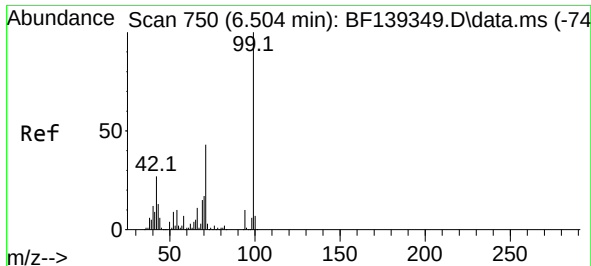


#5
2-Fluorophenol
Concen: 71.757 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30



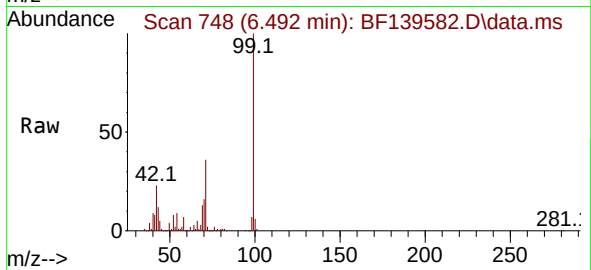
Tgt Ion:112 Resp: 236683
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 37.4 33.0 49.4





#7
Phenol-d6
Concen: 73.155 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

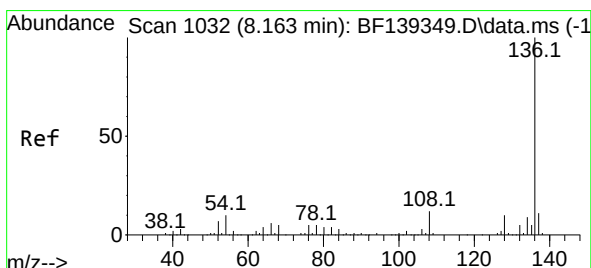
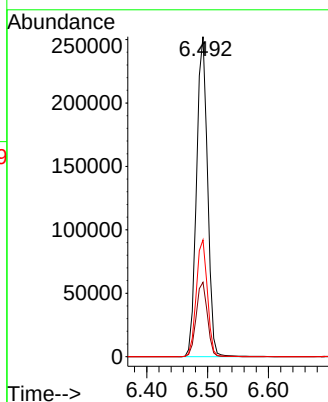
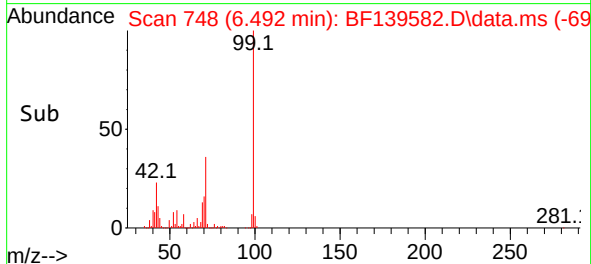
Instrument :
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ETGI-355RE



Tgt Ion: 99 Resp: 31671
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 36.5 34.6 52.0

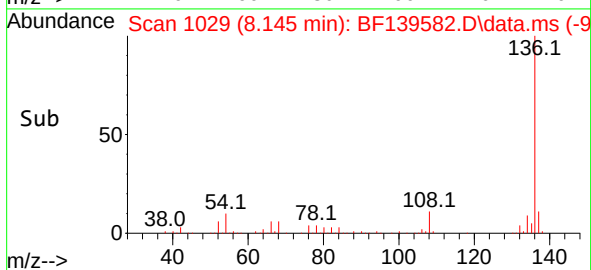
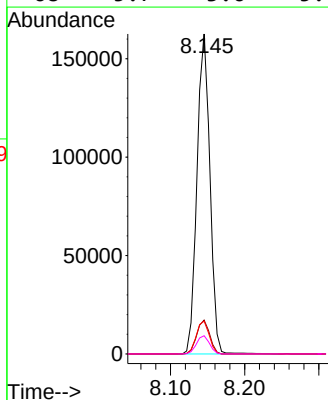
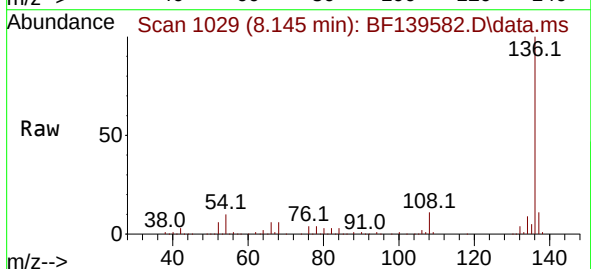
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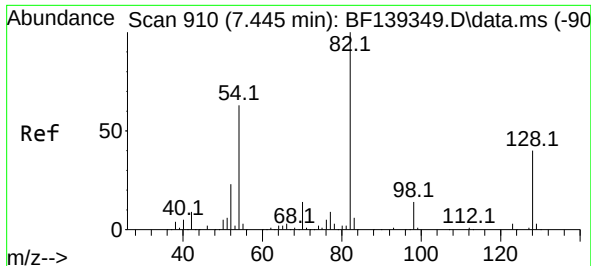
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Tgt Ion:136 Resp: 196758
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.3 7.8 11.8
68 5.7 3.6 5.4#





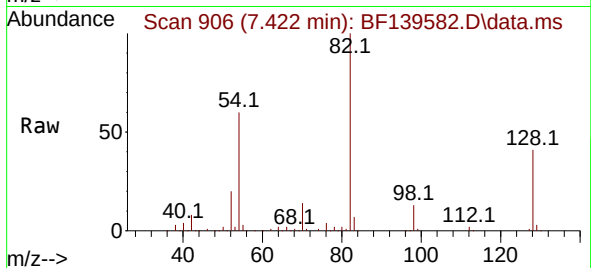
#23
Nitrobenzene-d5
Concen: 49.173 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.024 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE

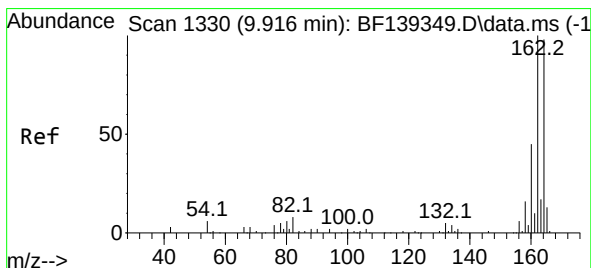
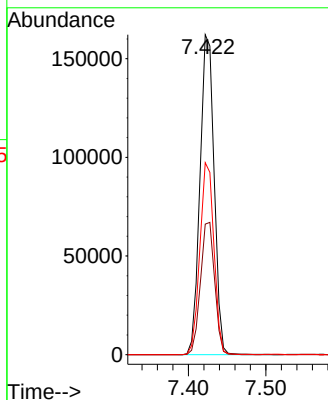
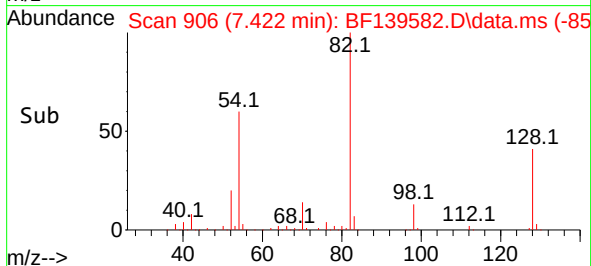


Tgt Ion: 82 Resp: 20580
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 60.0 50.6 75.8

Manual Integrations

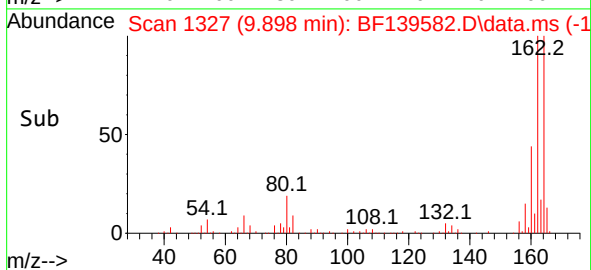
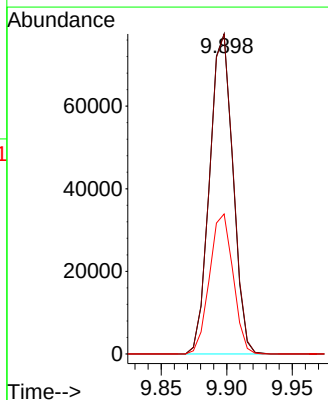
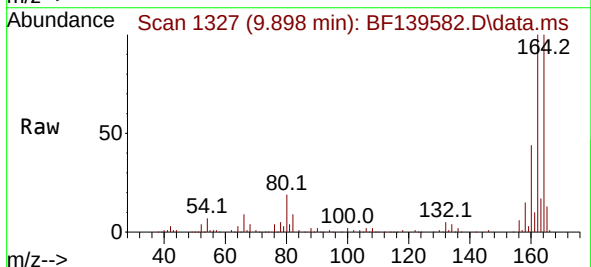
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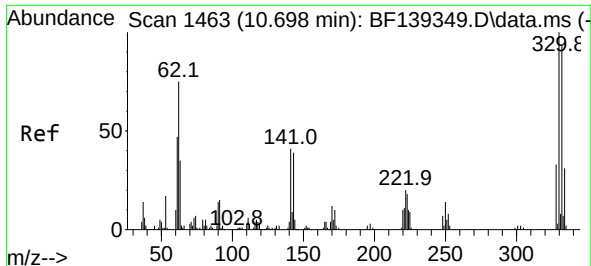
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Tgt Ion:164 Resp: 95761
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 43.8 36.4 54.6





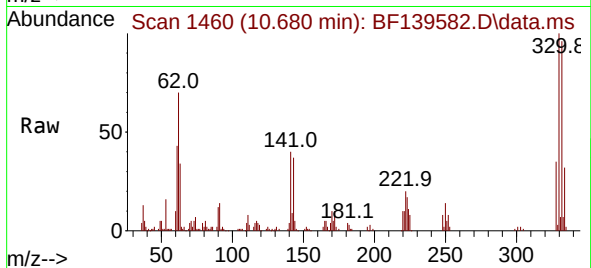
#42
2,4,6-Tribromophenol
Concen: 47.904 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE



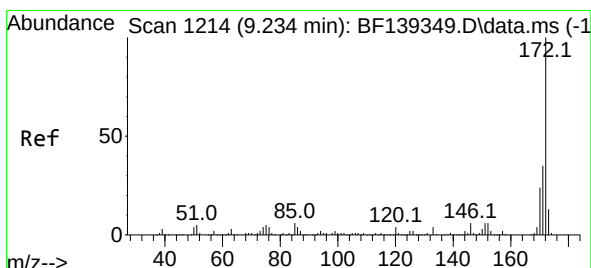
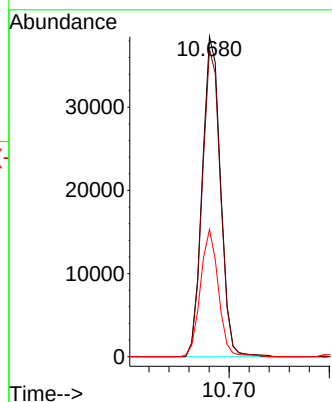
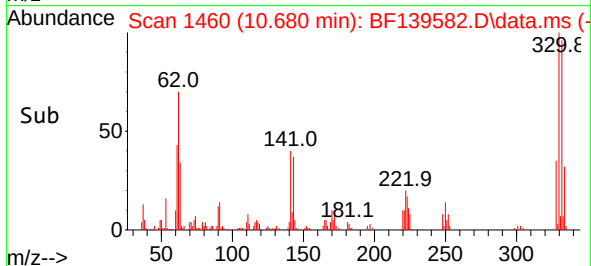
Tgt Ion:330 Resp: 48838
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 39.1 31.2 46.8

Manual Integrations

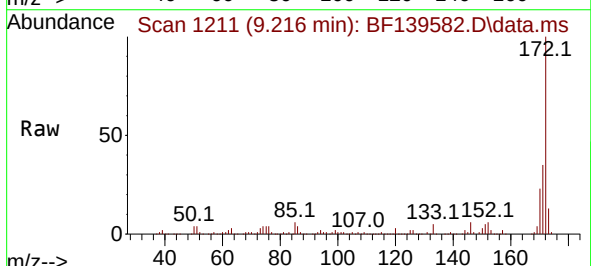
APPROVED

Reviewed By :Yogesh Patel 10/01/2024

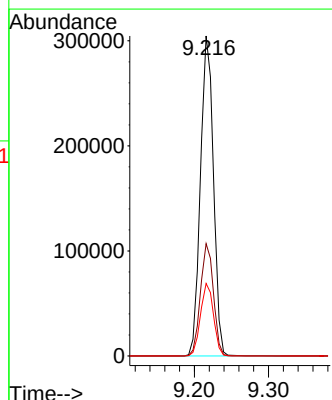
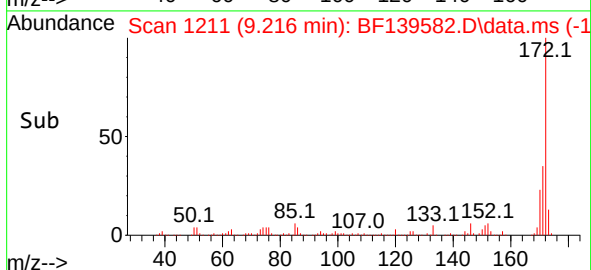
Supervised By :mohammad ahmed 10/01/2024

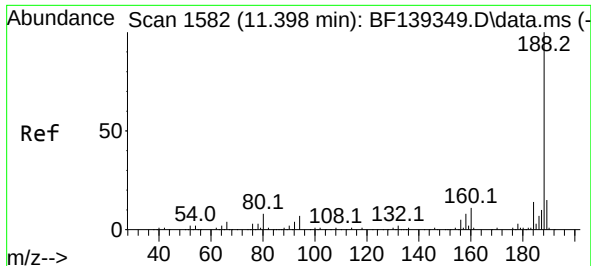


#45
2-Fluorobiphenyl
Concen: 54.323 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30



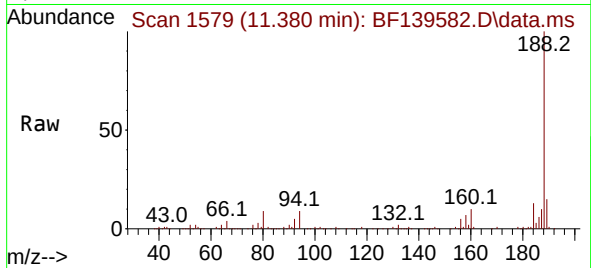
Tgt Ion:172 Resp: 370907
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

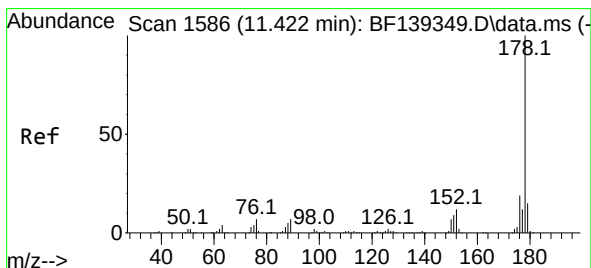
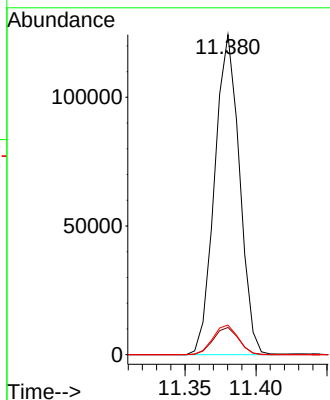
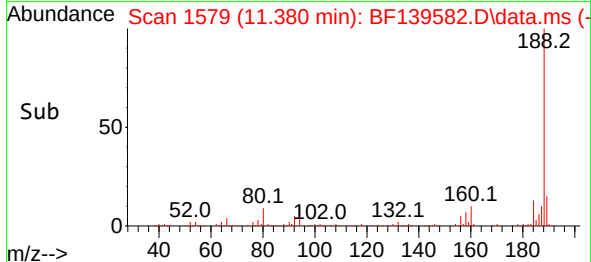
Instrument :
BNA_F
ClientSampleId :
ETGI-355RE



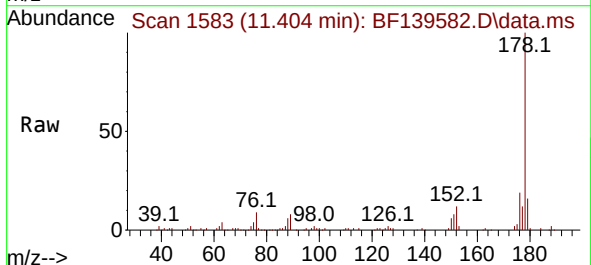
Tgt Ion:188 Resp: 151388
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3
80 9.3 6.6 9.8

Manual Integrations
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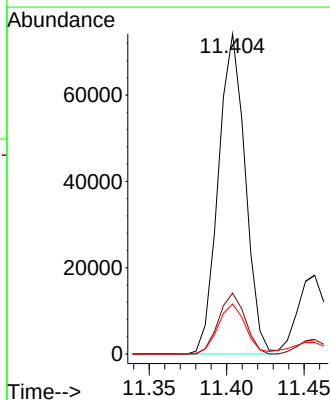
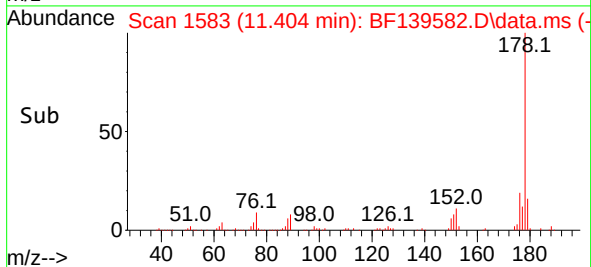
Reviewed By :Yogesh Patel 10/01/2024
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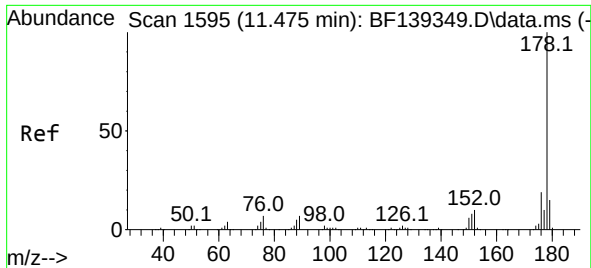


#71
Phenanthrene
Concen: 12.270 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30



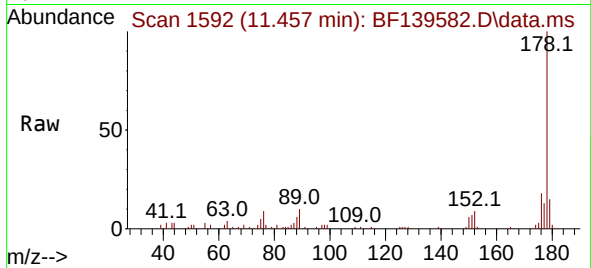
Tgt Ion:178 Resp: 89621
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.2 18.4





#72
 Anthracene
 Concen: 3.467 ng
 RT: 11.457 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF139582.D
 Acq: 30 Sep 2024 17:30

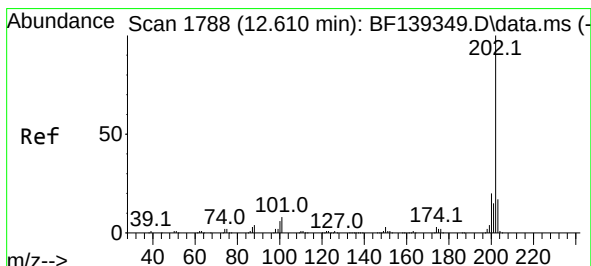
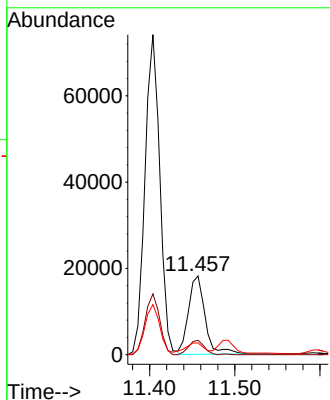
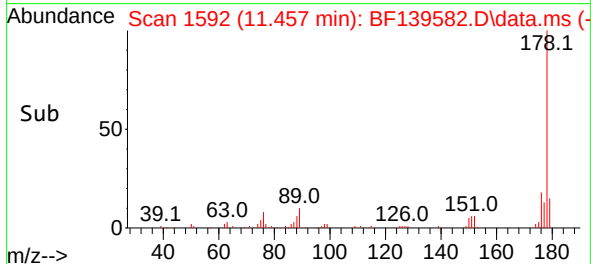
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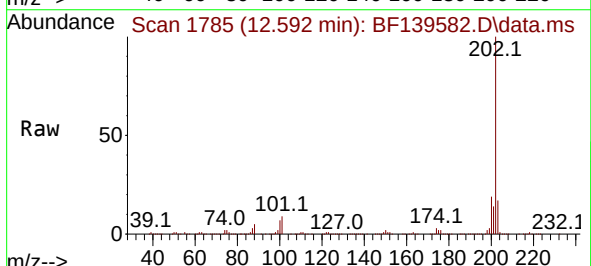
Tgt Ion:178 Resp: 24759
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.6
 179 14.9 12.0 18.0

Manual Integrations
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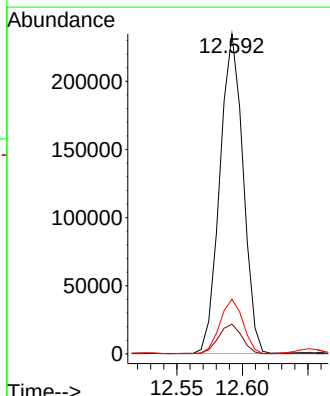
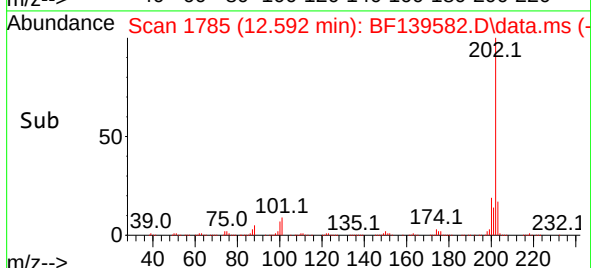
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

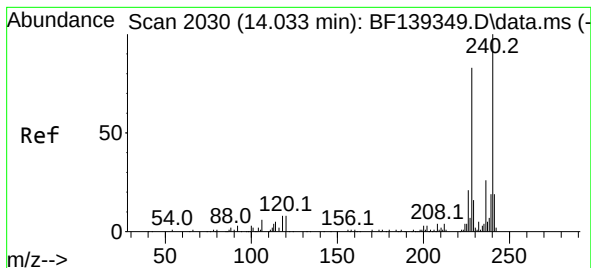


#75
 Fluoranthene
 Concen: 37.005 ng
 RT: 12.592 min Scan# 1785
 Delta R.T. -0.018 min
 Lab File: BF139582.D
 Acq: 30 Sep 2024 17:30



Tgt Ion:202 Resp: 288638
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 27.7
 203 17.1 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE

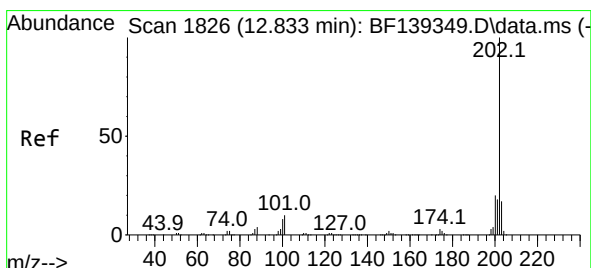
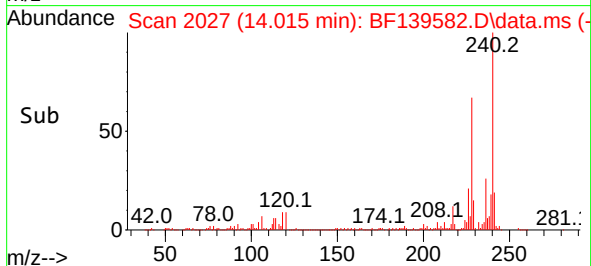
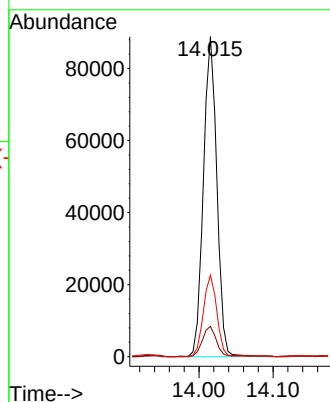
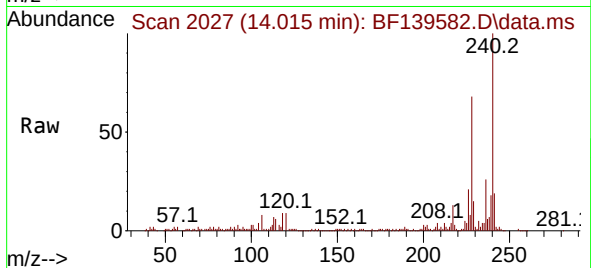
Tgt Ion:240 Resp: 111773
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2
236 25.5 20.9 31.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#78

Pyrene

Concen: 25.401 ng

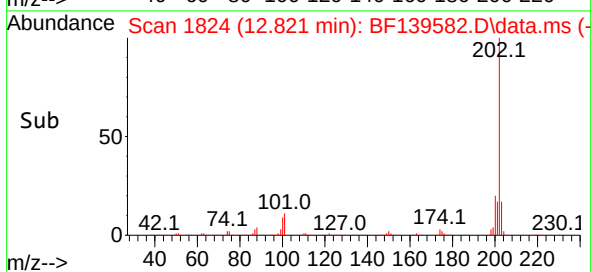
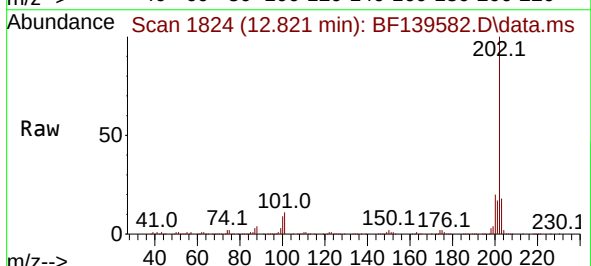
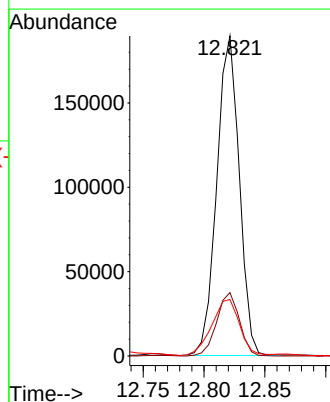
RT: 12.821 min Scan# 1824

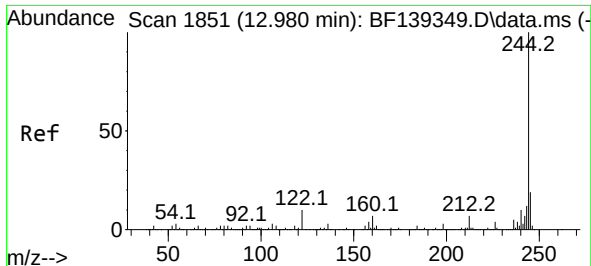
Delta R.T. -0.012 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Tgt Ion:202 Resp: 243782
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.6 13.9 20.9





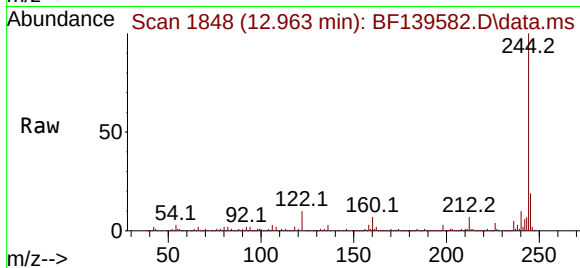
#79
 Terphenyl-d14
 Concen: 44.175 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.018 min
 Lab File: BF139582.D
 Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE



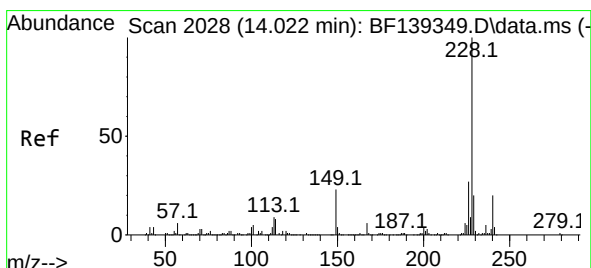
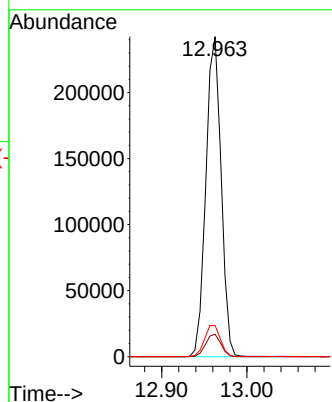
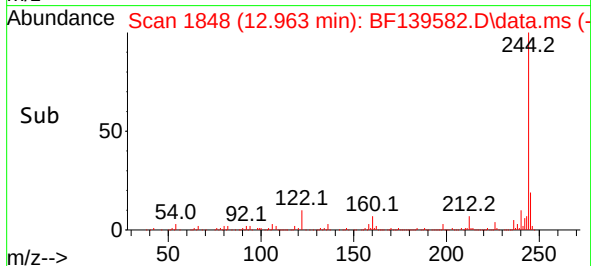
Tgt Ion:244 Resp: 30081
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.8 7.6 11.4

Manual Integrations

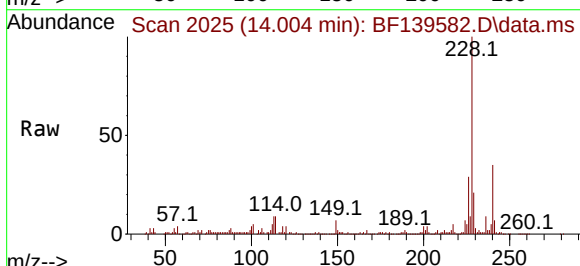
APPROVED

Reviewed By :Yogesh Patel 10/01/2024

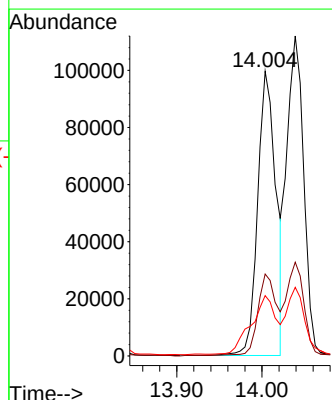
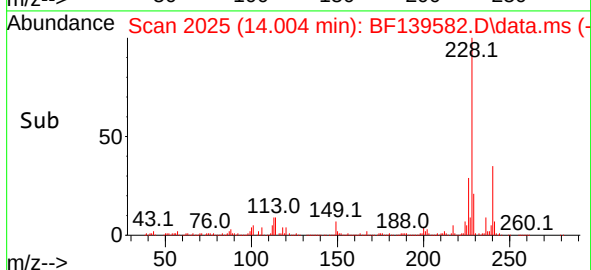
Supervised By :mohammad ahmed 10/01/2024

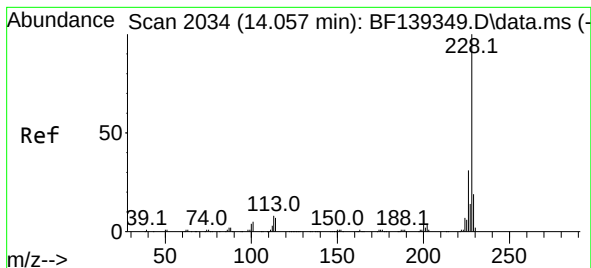


#81
 Benzo(a)anthracene
 Concen: 20.042 ng
 RT: 14.004 min Scan# 2025
 Delta R.T. -0.018 min
 Lab File: BF139582.D
 Acq: 30 Sep 2024 17:30



Tgt Ion:228 Resp: 148386
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.6 32.4
 229 21.2 15.7 23.5





#83

Chrysene

Concen: 22.368 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.018 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE

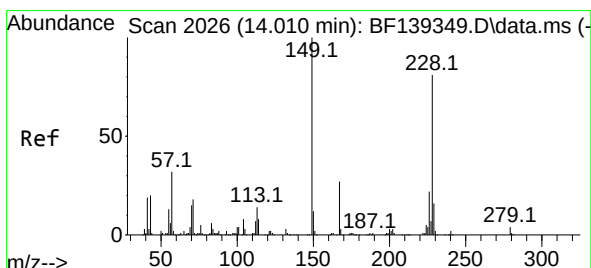
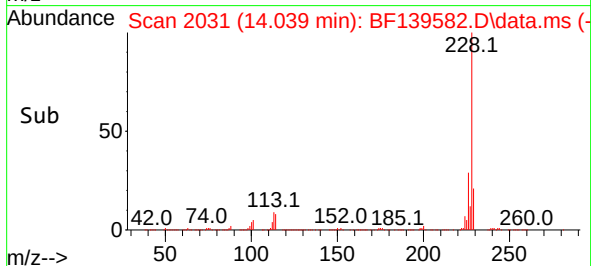
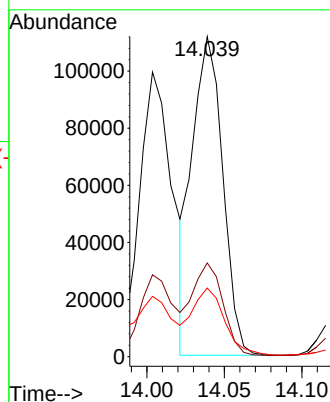
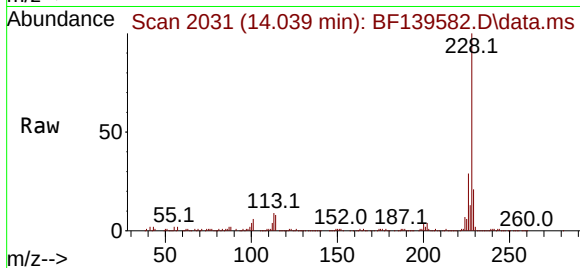
Tgt Ion:228	Resp: 15235
Ion Ratio	Lower Upper
228 100	
226 29.3	24.1 36.1
229 21.4	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.704 ng

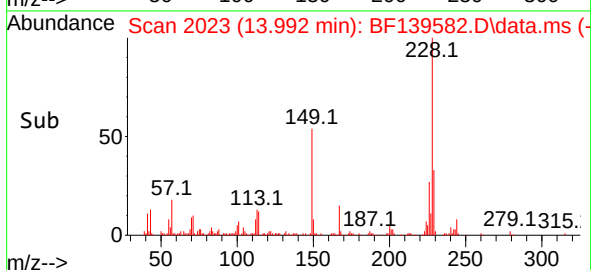
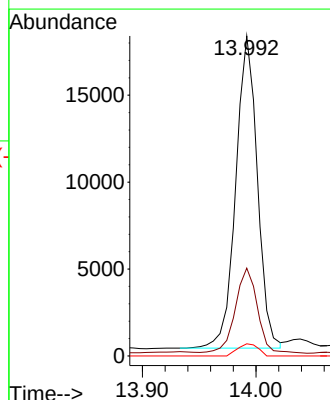
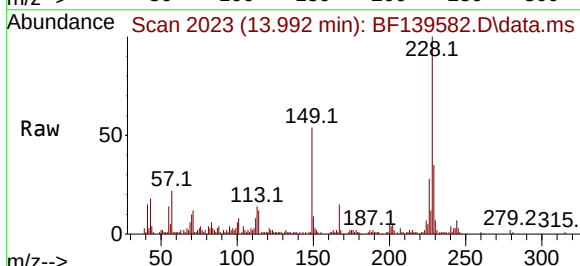
RT: 13.992 min Scan# 2023

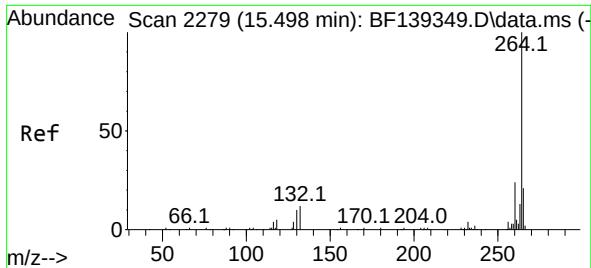
Delta R.T. -0.018 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Tgt Ion:149	Resp: 23702
Ion Ratio	Lower Upper
149 100	
167 27.5	21.6 32.4
279 3.8	3.3 4.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

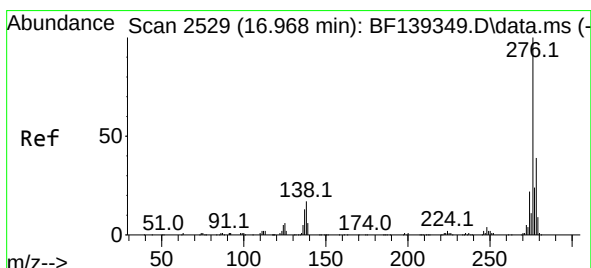
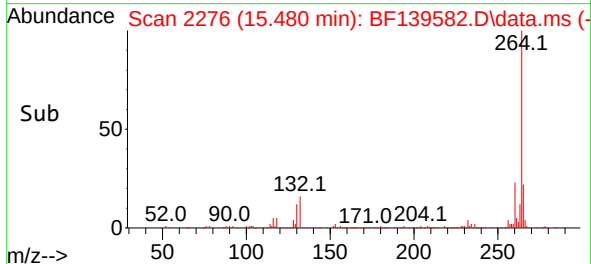
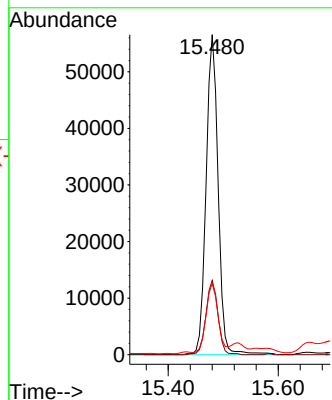
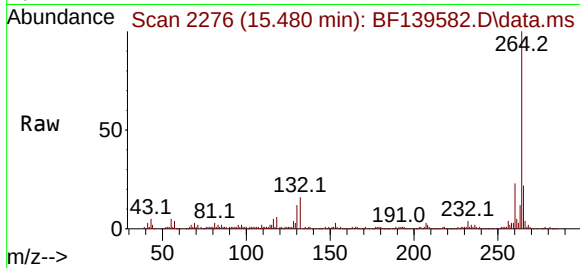
ETGI-355RE

Tgt Ion:264 Resp: 8570
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.3 16.6 25.0

Manual Integrations

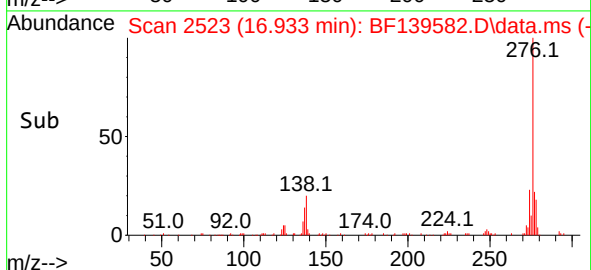
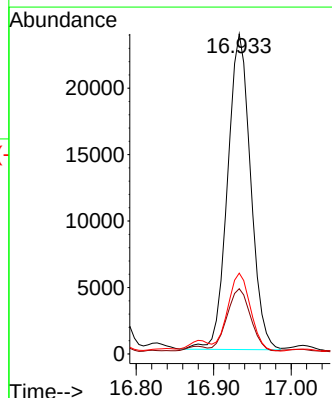
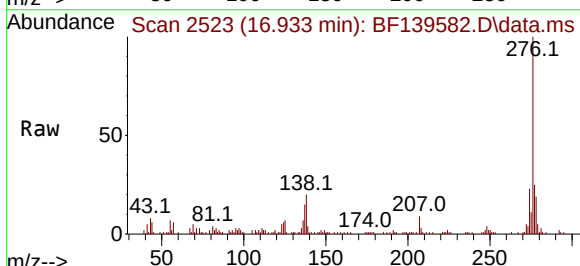
APPROVED

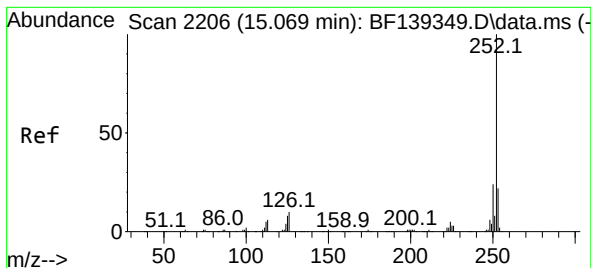
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.668 ng
RT: 16.933 min Scan# 2523
Delta R.T. -0.036 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Tgt Ion:276 Resp: 49269
Ion Ratio Lower Upper
276 100
138 19.9 15.4 23.2
277 24.2 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 34.603 ng m

RT: 15.057 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139582.D

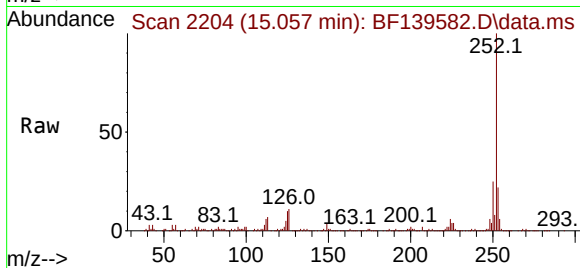
Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE



Tgt Ion:252 Resp: 182900

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

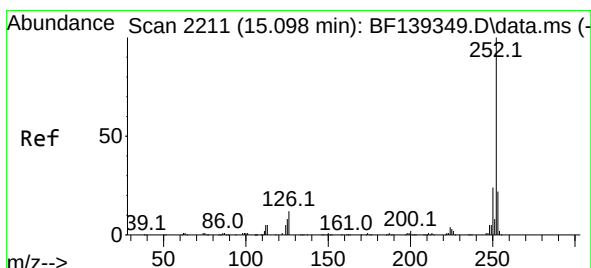
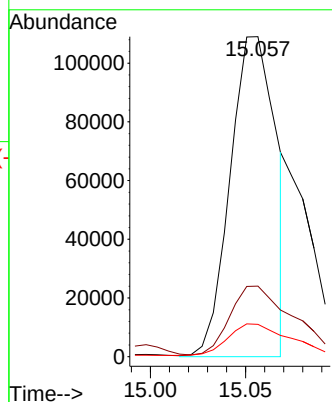
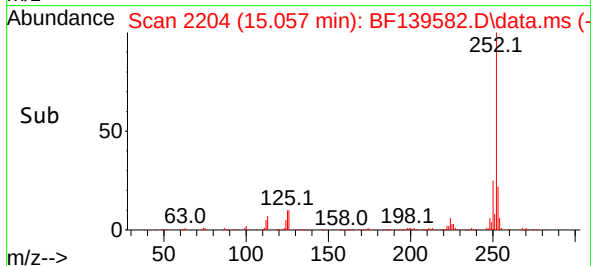
125 10.1 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#89

Benzo(k)fluoranthene

Concen: 13.122 ng m

RT: 15.068 min Scan# 2206

Delta R.T. -0.030 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

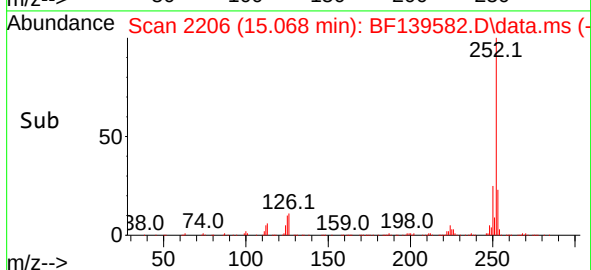
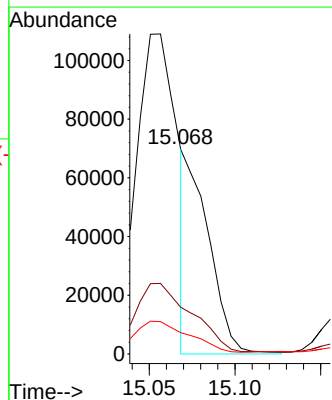
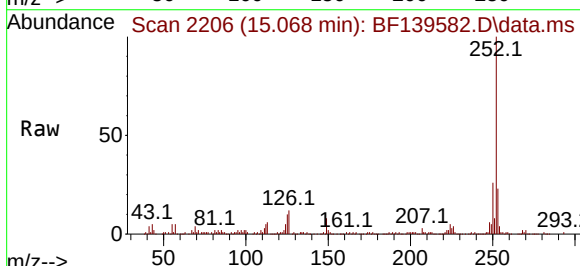
Tgt Ion:252 Resp: 63950

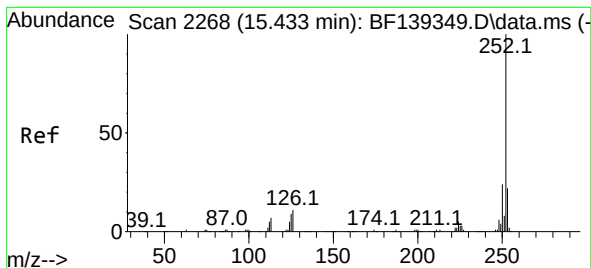
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 10.4 5.9 8.9





#90

Benzo(a)pyrene

Concen: 19.275 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE

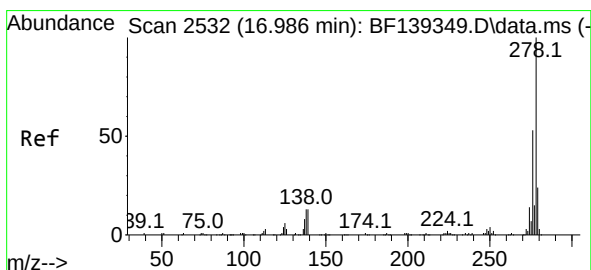
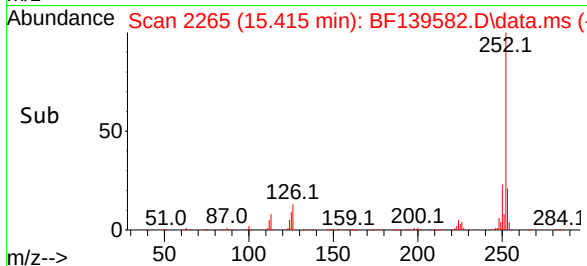
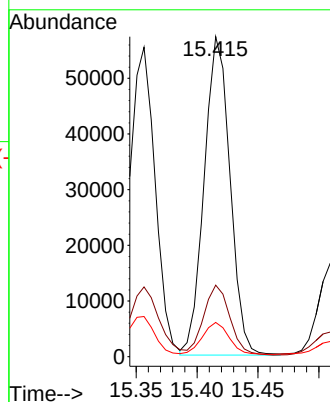
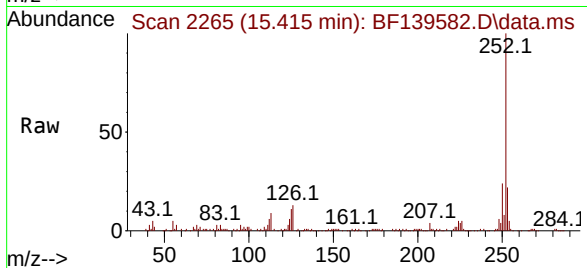
Tgt Ion:	252	Resp:	8449
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	10.7	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.084 ng

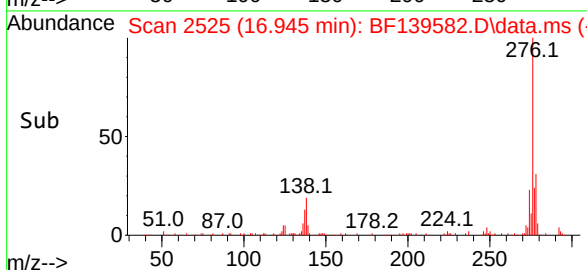
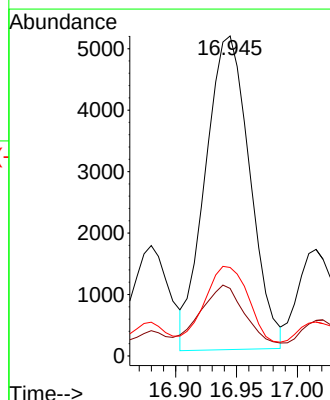
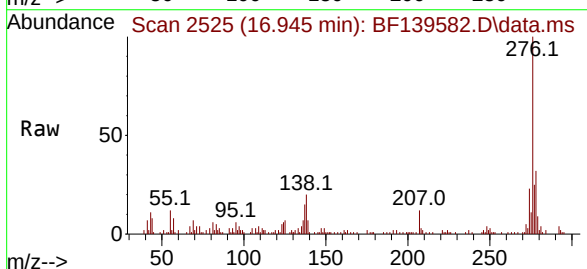
RT: 16.945 min Scan# 2525

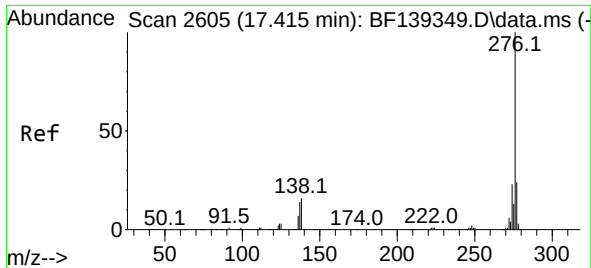
Delta R.T. -0.041 min

Lab File: BF139582.D

Acq: 30 Sep 2024 17:30

Tgt Ion:	278	Resp:	12985
Ion Ratio	Lower	Upper	
278	100		
139	21.1	10.2	15.2
279	27.7	18.9	28.3





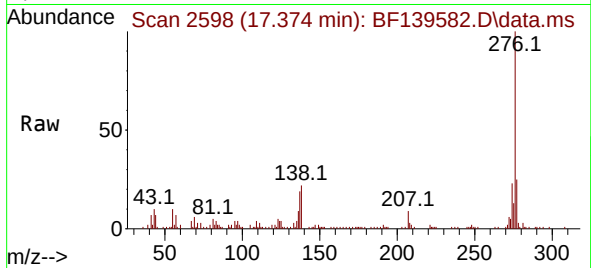
#92
Benzo(g,h,i)perylene
Concen: 11.060 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF139582.D
Acq: 30 Sep 2024 17:30

Instrument :

BNA_F

ClientSampleId :

ETGI-355RE



Tgt Ion:276 Resp: 4611
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 22.0 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024

