

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020592.D
 Acq On : 11 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2794-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-060724

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 11 18:34:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	299652	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	1170146	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	751604	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1575928	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1440458	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1722058	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	839469	50.159	ng	0.00
7) Phenol-d6	6.928	99	1065521	45.145	ng	0.00
23) Nitrobenzene-d5	8.899	82	662357	30.985	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	473791	60.741	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	1574499	31.229	ng	-0.02
79) Terphenyl-d14	19.922	244	2543550	29.396	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.228	178	789701	10.194	ng	100
72) Anthracene	17.322	178	168159	2.212	ng	99
75) Fluoranthene	19.322	202	2166624	23.641	ng	99
78) Pyrene	19.698	202	2011950	18.569	ng	99
80) Butylbenzylphthalate	20.657	149	89621	4.381	ng	95
81) Benzo(a)anthracene	21.616	228	1177691	12.417	ng	99
83) Chrysene	21.680	228	1204359m	13.476	ng	
87) Indeno(1,2,3-cd)pyrene	28.798	276	851206	8.129	ng	# 90
88) Benzo(b)fluoranthene	23.927	252	1538372	14.340	ng	99
89) Benzo(k)fluoranthene	23.986	252	645911m	6.173	ng	
90) Benzo(a)pyrene	24.821	252	1136395	12.790	ng	99
91) Dibenzo(a,h)anthracene	28.851	278	210317	2.408	ng	# 90
92) Benzo(g,h,i)perylene	29.956	276	829326	9.499	ng	98

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

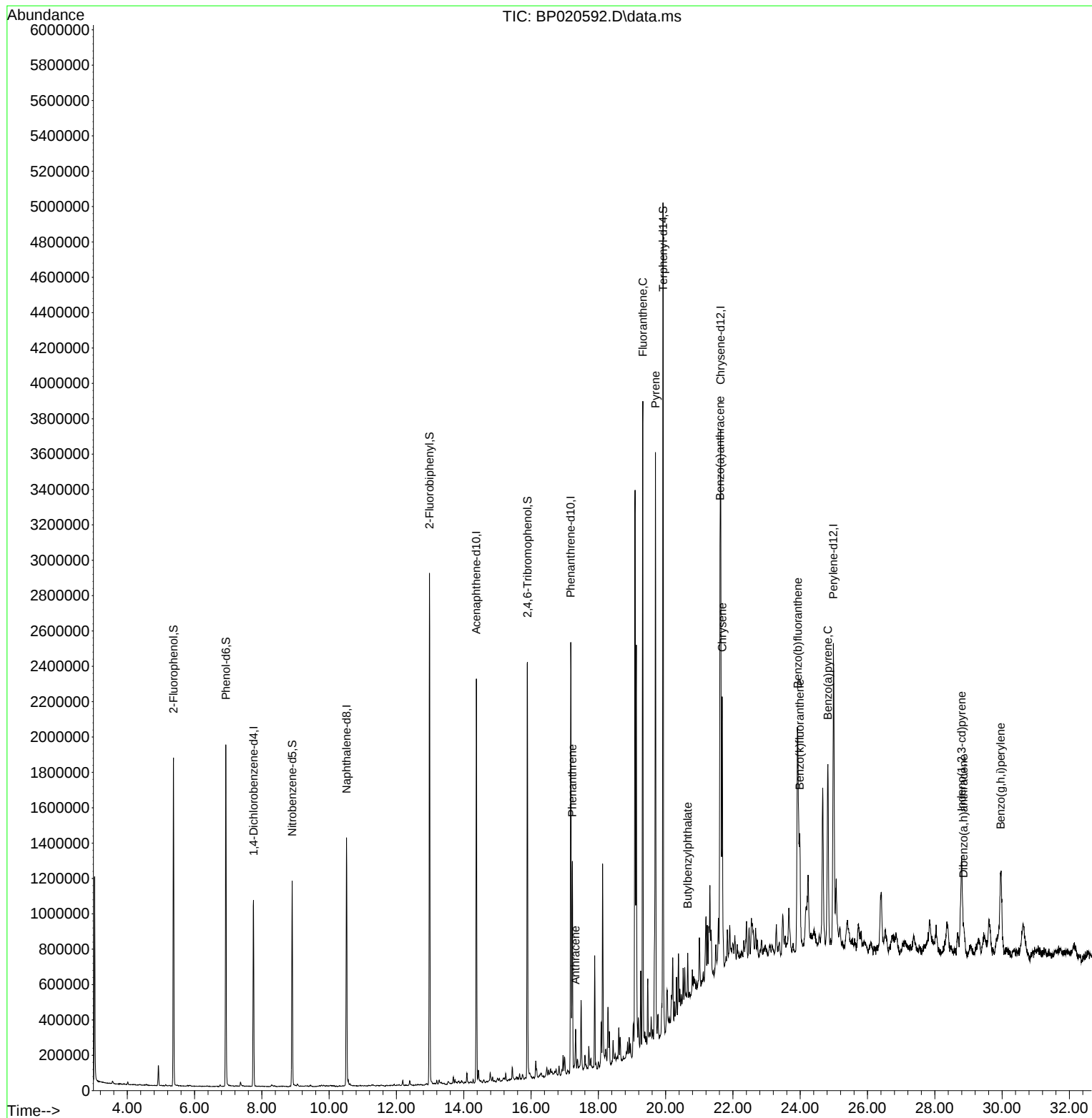
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020592.D
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ALS Vial : 10 Sample Multiplier: 1

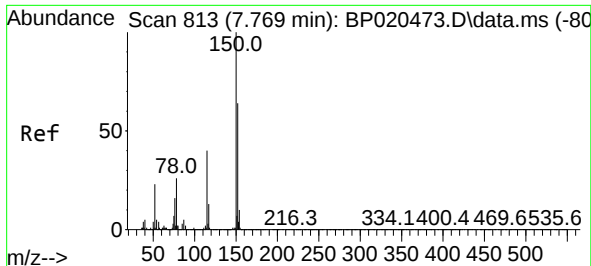
Instrument :
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TR-04-060724

Quant Time: Jun 11 18:34:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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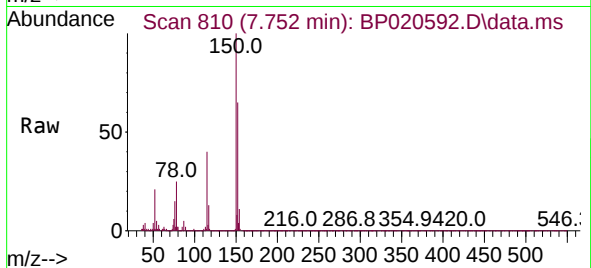
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

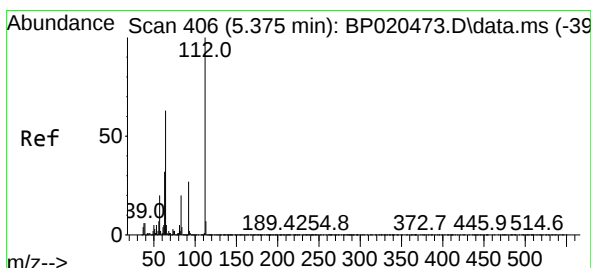
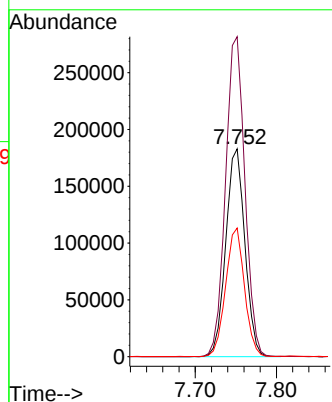
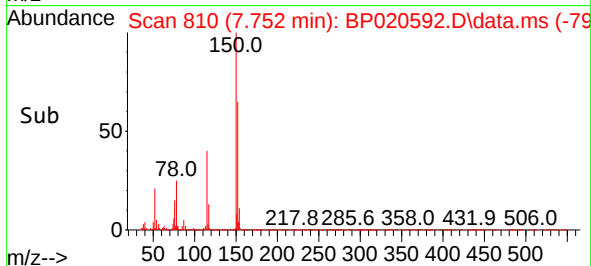
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BNA_P
ClientSampleId :
TR-04-060724



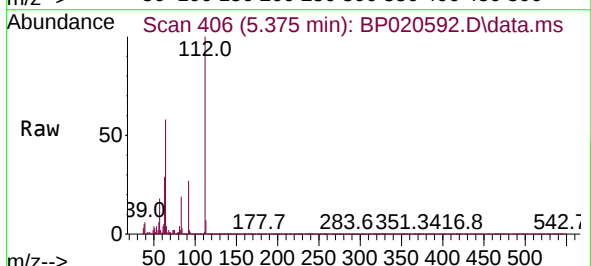
Tgt Ion:152 Resp: 299652
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 61.9 49.5 74.3

Manual Integrations
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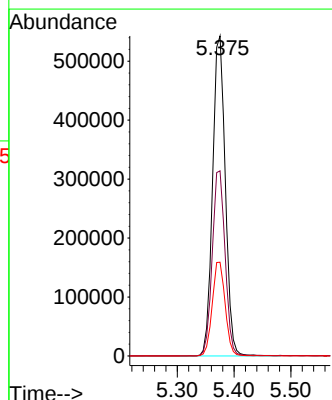
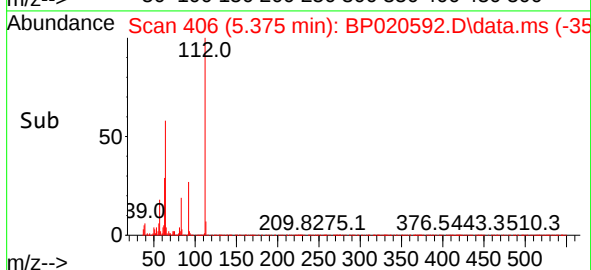
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#5
2-Fluorophenol
Concen: 50.159 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53



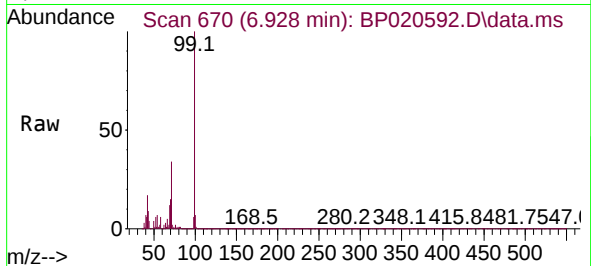
Tgt Ion:112 Resp: 839469
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.3 25.7 38.5





#7
Phenol-d6
Concen: 45.145 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

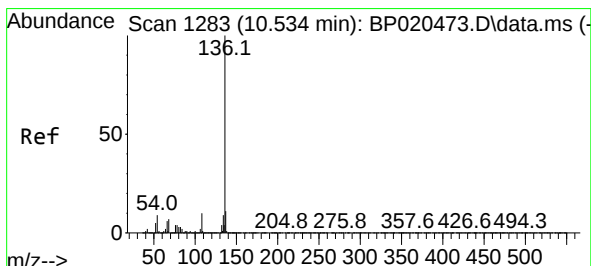
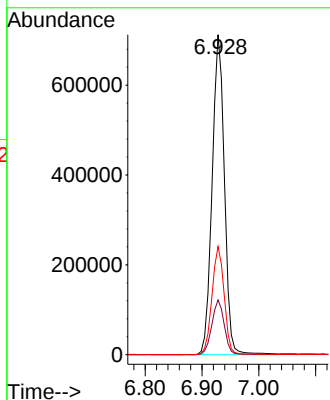
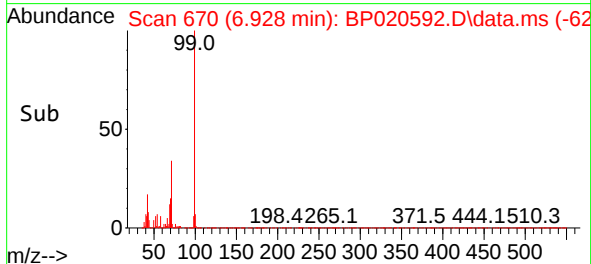
Instrument :
BNA_P
ClientSampleId :
TR-04-060724



Tgt Ion: 99 Resp: 106552
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 33.8 27.3 40.9

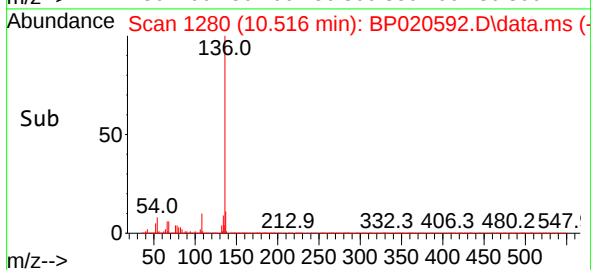
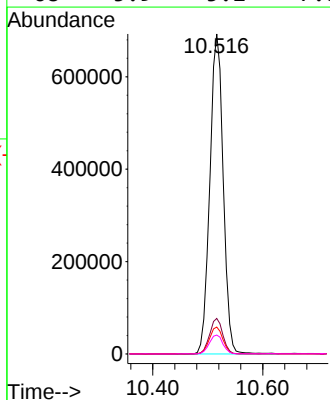
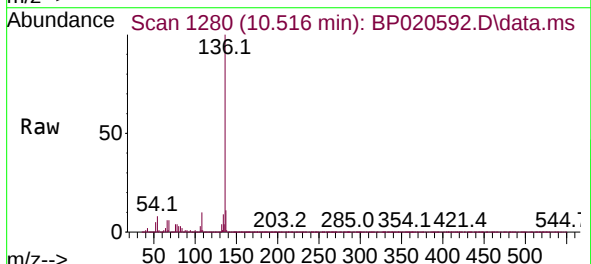
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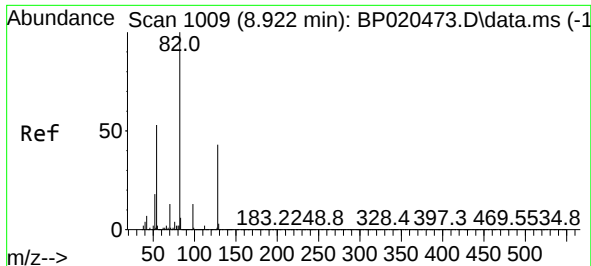
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Tgt Ion:136 Resp: 1170146
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.4 7.4 11.0
68 5.9 5.2 7.8





#23
Nitrobenzene-d5
Concen: 30.985 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

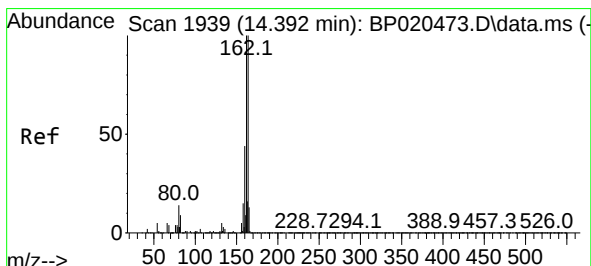
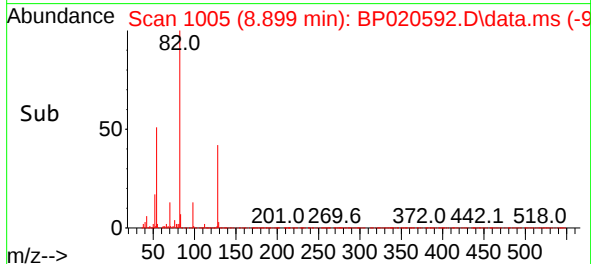
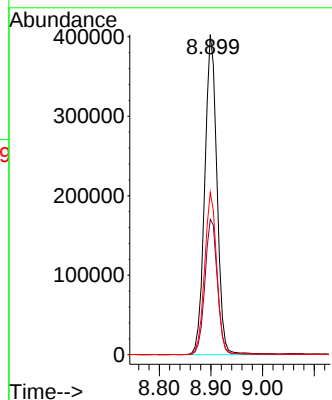
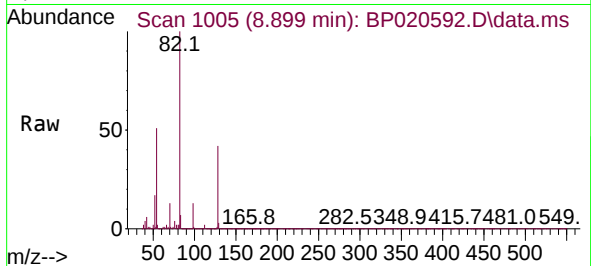
ClientSampleId :

TR-04-060724

Tgt Ion: 82 Resp: 66235
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.4
54 50.7 42.7 64.1

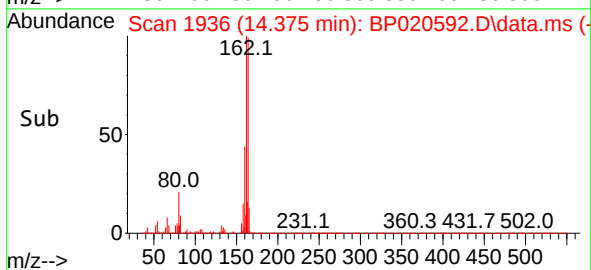
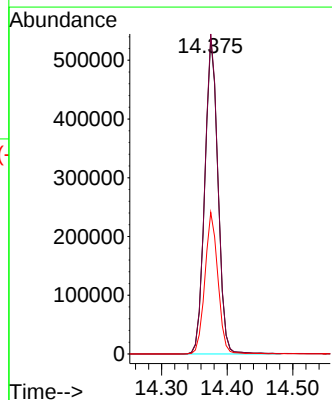
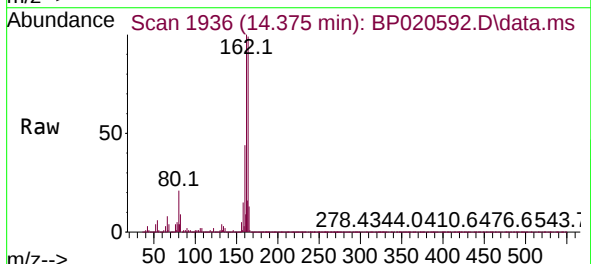
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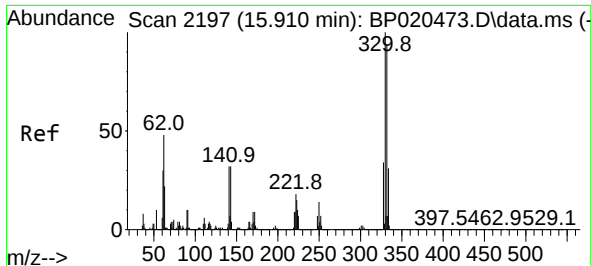
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Tgt Ion:164 Resp: 751604
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 44.9 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 60.741 ng
RT: 15.892 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

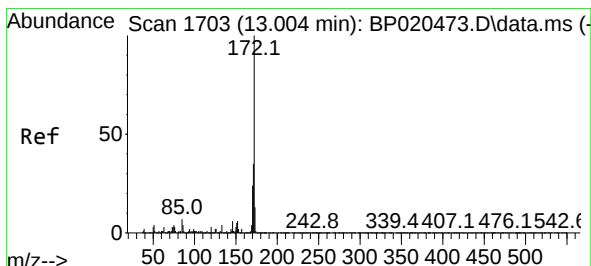
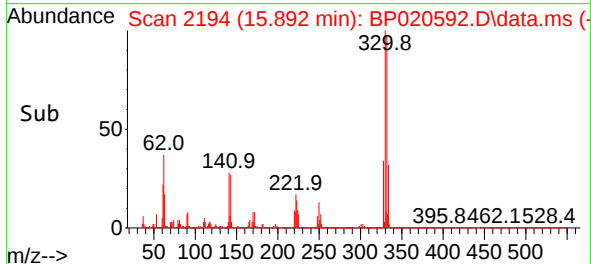
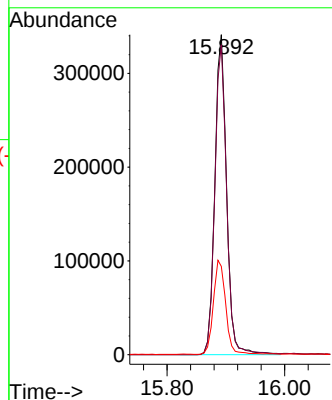
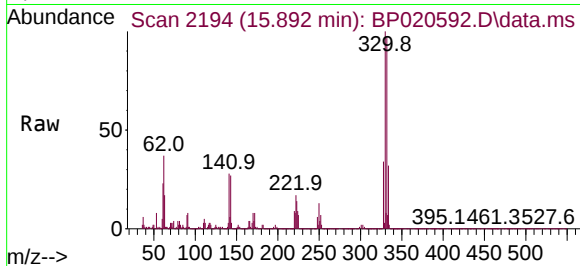
TR-04-060724

Tgt Ion:330 Resp: 47379
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 30.8 27.1 40.7

Manual Integrations

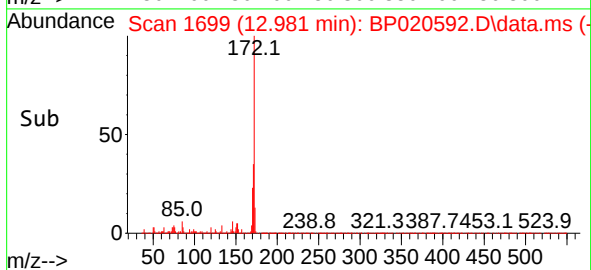
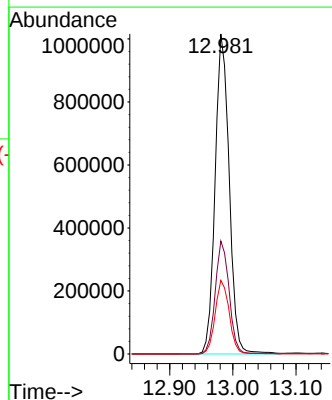
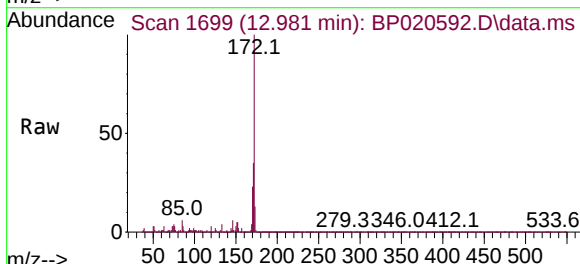
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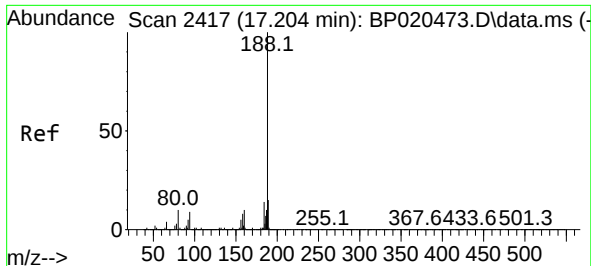
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#45
2-Fluorobiphenyl
Concen: 31.229 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.024 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Tgt Ion:172 Resp: 1574499
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.024 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

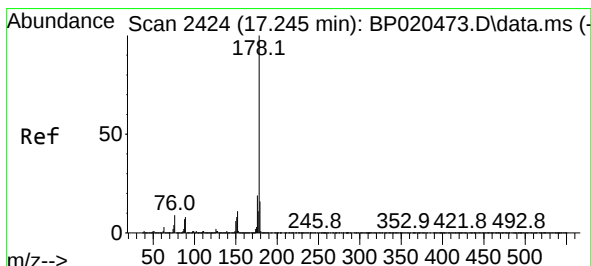
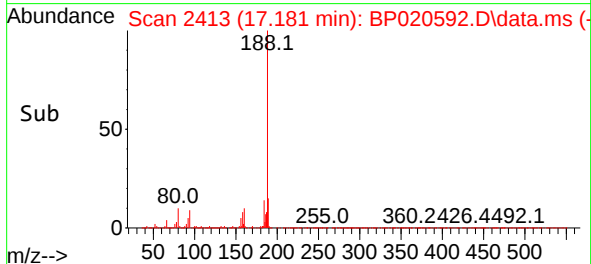
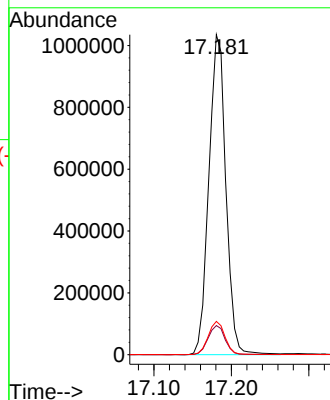
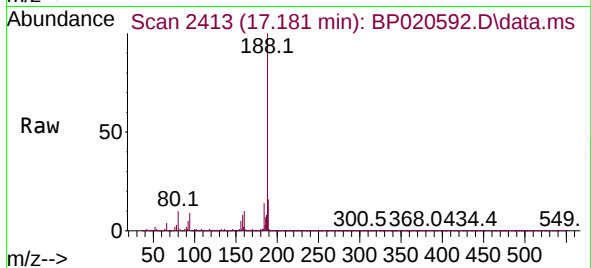
TR-04-060724

Tgt Ion:188 Resp: 1575928
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 8.1 12.1

Manual Integrations

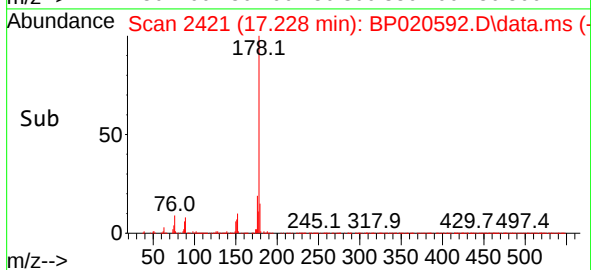
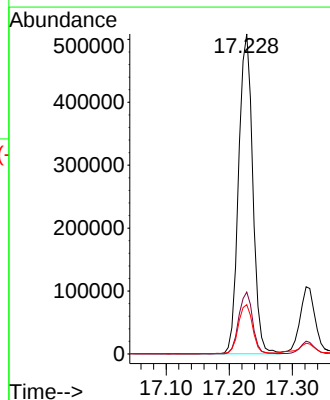
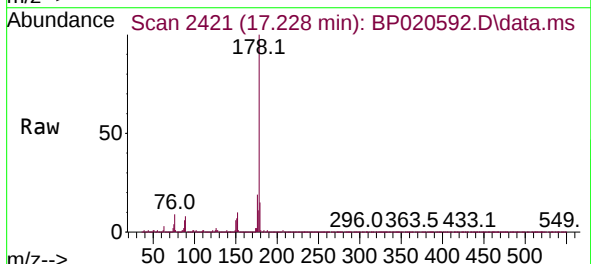
APPROVED

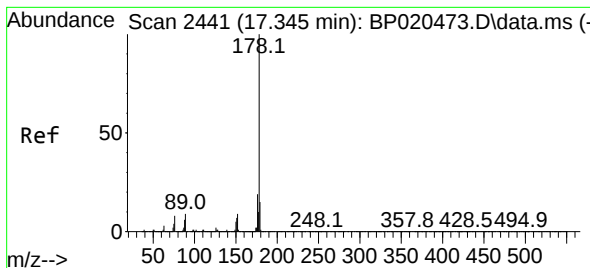
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#71
Phenanthrene
Concen: 10.194 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.018 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Tgt Ion:178 Resp: 789701
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.5 18.7





#72

Anthracene

Concen: 2.212 ng

RT: 17.322 min Scan# 2441

Delta R.T. -0.024 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

TR-04-060724

Tgt Ion:178 Resp: 16815

Ion Ratio Lower Upper

178 100

176 19.1 14.8 22.2

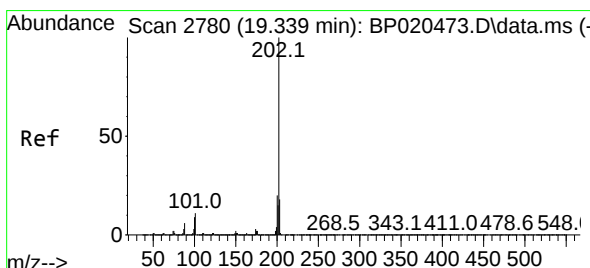
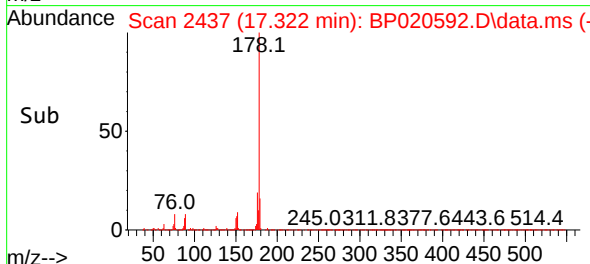
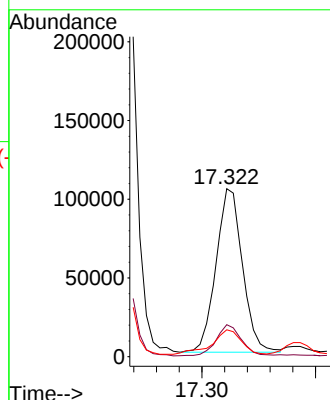
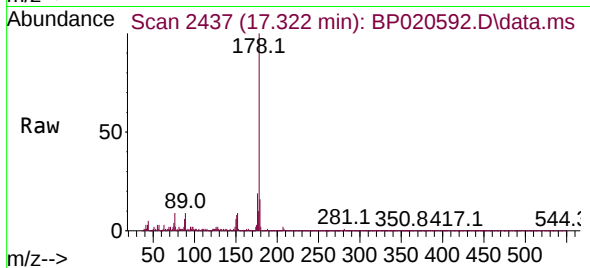
179 16.0 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024

Supervised By :mohammad ahmed 06/15/2024



#75

Fluoranthene

Concen: 23.641 ng

RT: 19.322 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

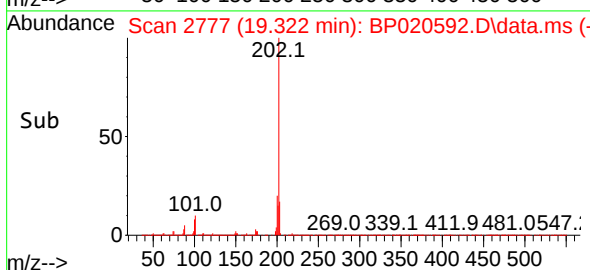
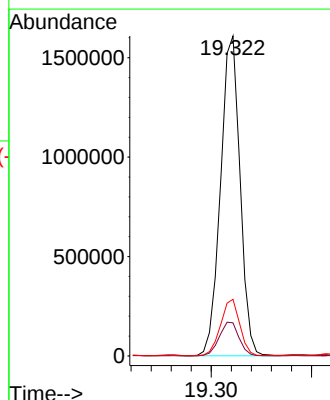
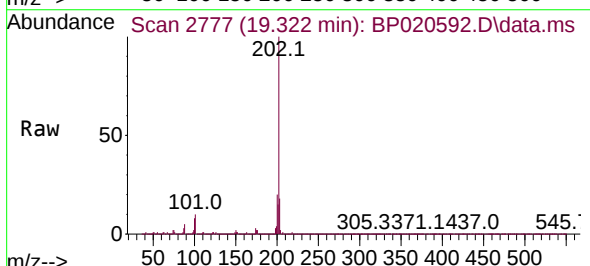
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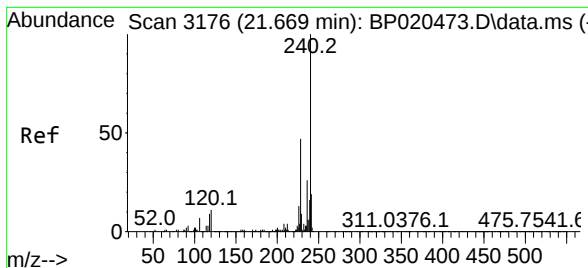
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 17.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3176

Delta R.T. -0.035 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

TR-04-060724

Tgt Ion:240 Resp: 1440458

Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

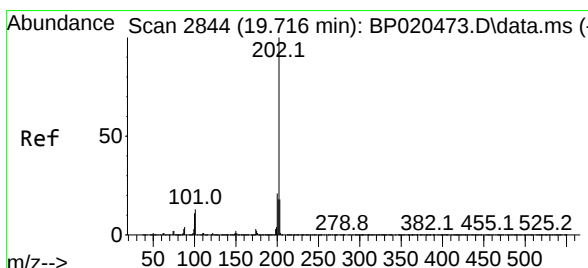
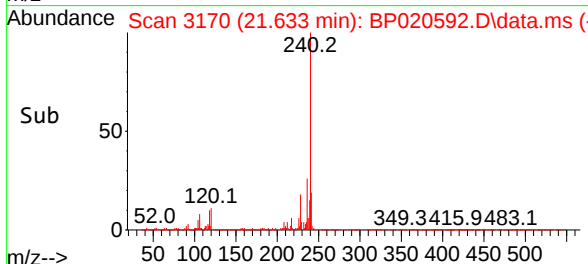
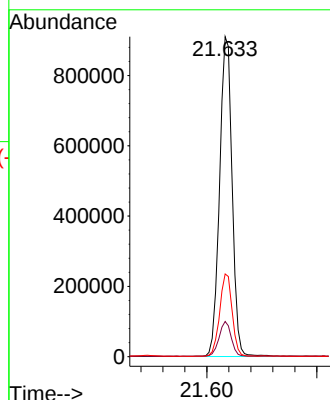
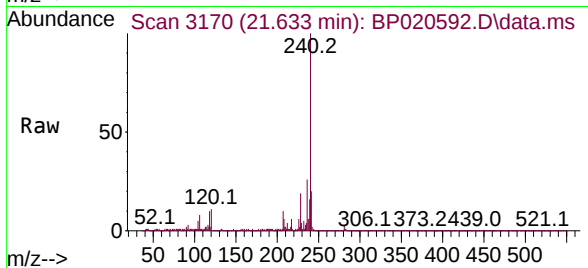
236 25.8 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/12/2024

Supervised By :mohammad ahmed 06/15/2024



#78

Pyrene

Concen: 18.569 ng

RT: 19.698 min Scan# 2841

Delta R.T. -0.018 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

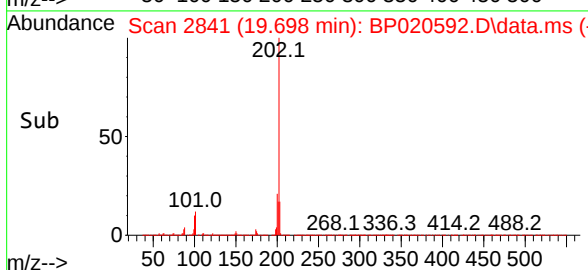
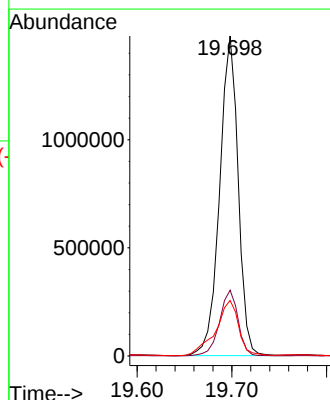
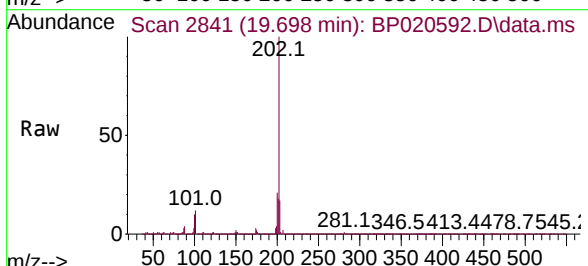
Tgt Ion:202 Resp: 2011950

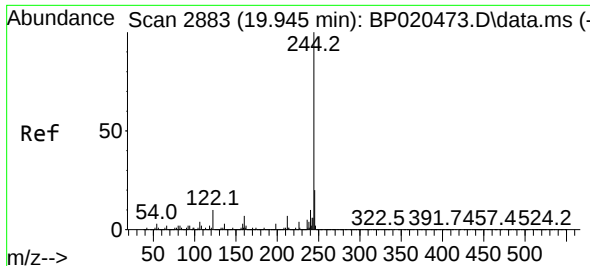
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 29.396 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020592.D
 Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

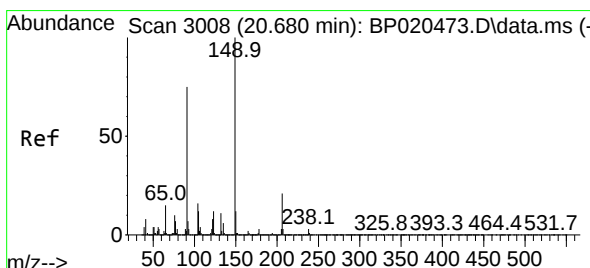
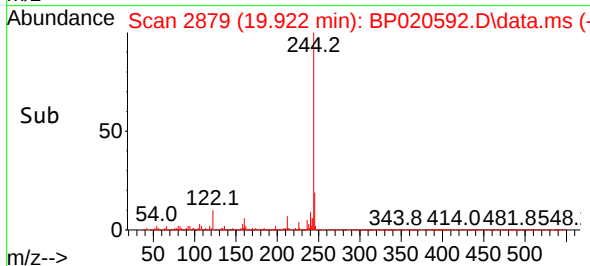
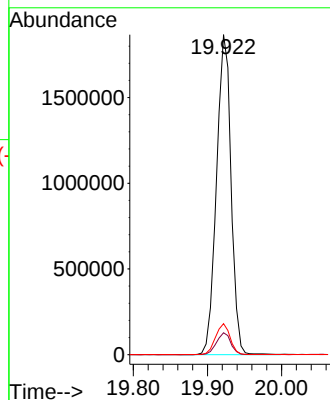
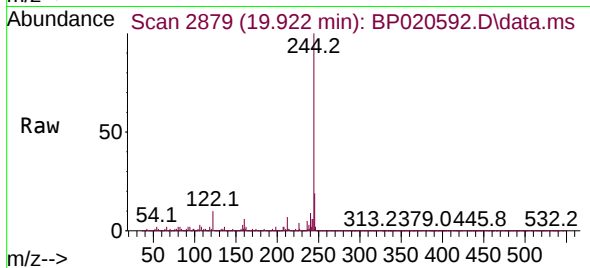
TR-04-060724

Tgt Ion:244 Resp: 2543550
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.7 8.2 12.2

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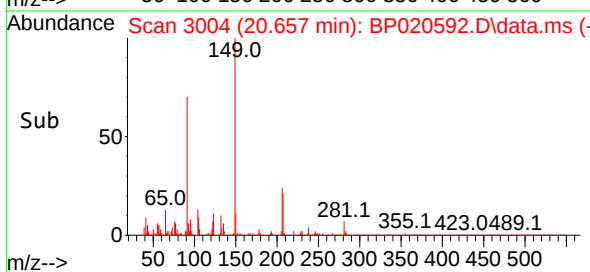
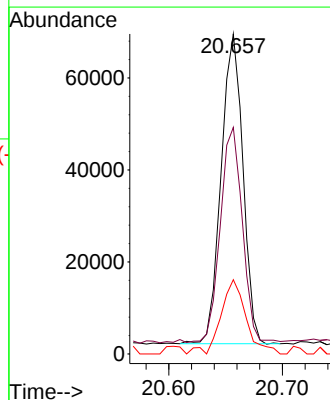
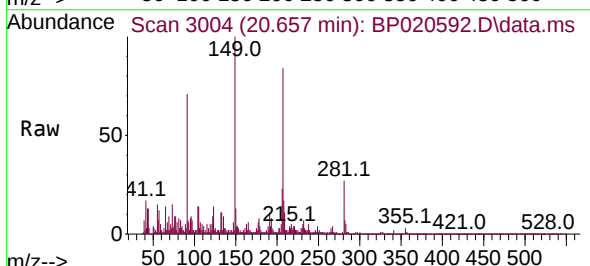
APPROVED

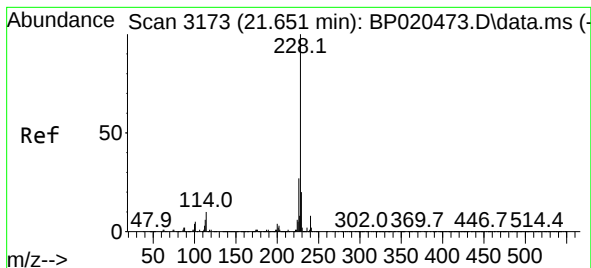
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/15/2024



#80
 Butylbenzylphthalate
 Concen: 4.381 ng
 RT: 20.657 min Scan# 3004
 Delta R.T. -0.023 min
 Lab File: BP020592.D
 Acq: 11 Jun 2024 17:53

Tgt Ion:149 Resp: 89621
 Ion Ratio Lower Upper
 149 100
 91 70.8 60.0 90.0
 206 23.2 16.6 25.0





#81

Benzo(a)anthracene

Concen: 12.417 ng

RT: 21.616 min Scan# 3173

Delta R.T. -0.035 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

TR-04-060724

Tgt Ion:228 Resp: 117769

Ion Ratio Lower Upper

228 100

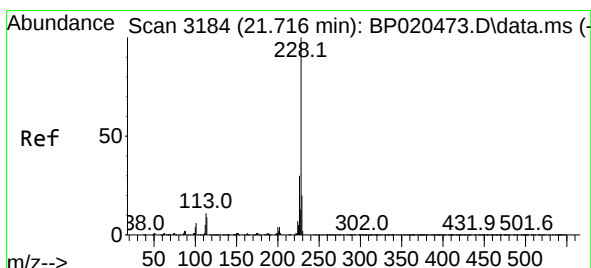
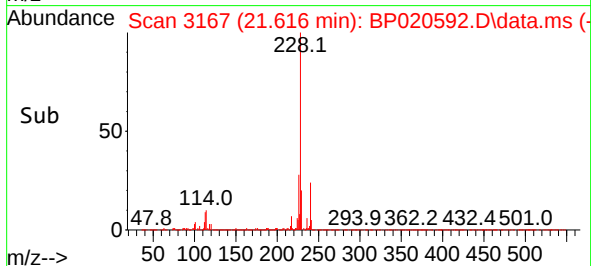
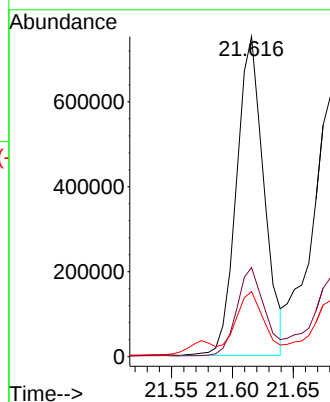
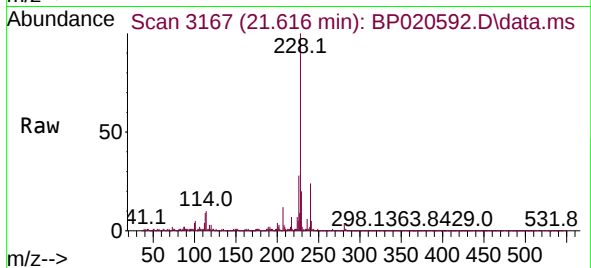
226 27.8 21.7 32.5

229 20.4 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#83

Chrysene

Concen: 13.476 ng m

RT: 21.680 min Scan# 3178

Delta R.T. -0.035 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

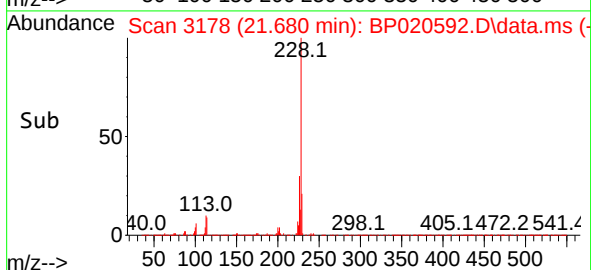
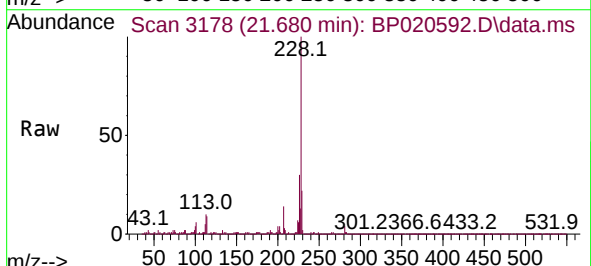
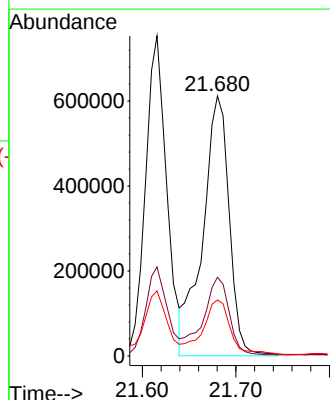
Tgt Ion:228 Resp: 1204359

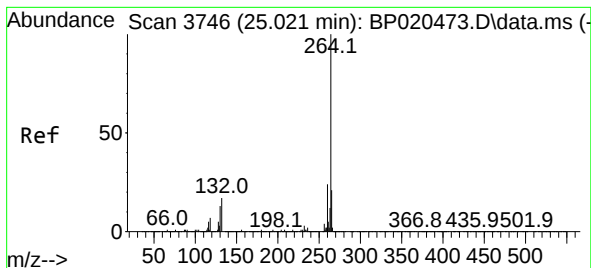
Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 21.5 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

TR-04-060724

Tgt Ion:264 Resp: 1722058

Ion Ratio Lower Upper

264 100

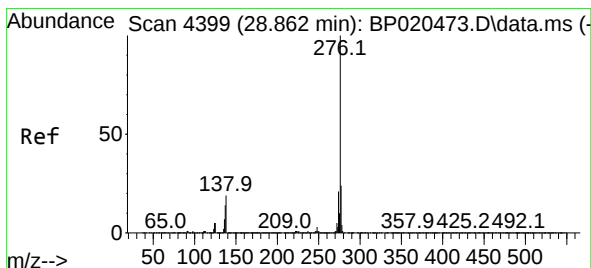
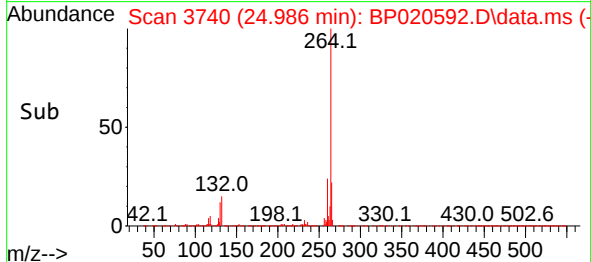
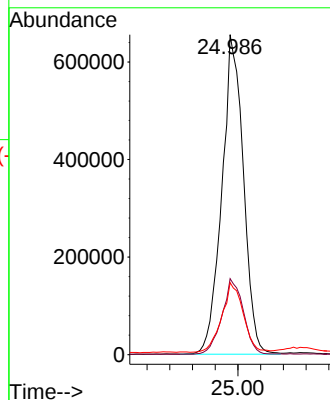
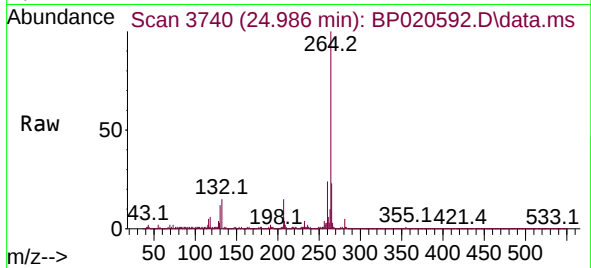
260 23.8 18.9 28.3

265 22.5 17.4 26.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.129 ng

RT: 28.798 min Scan# 4388

Delta R.T. -0.065 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

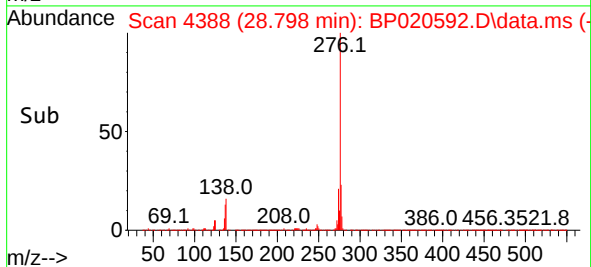
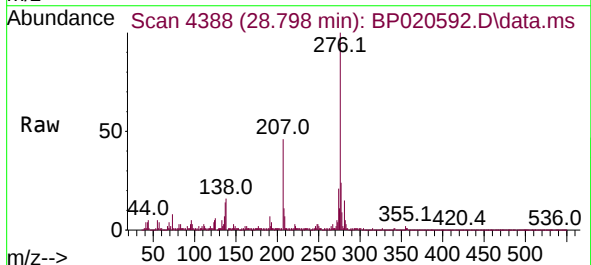
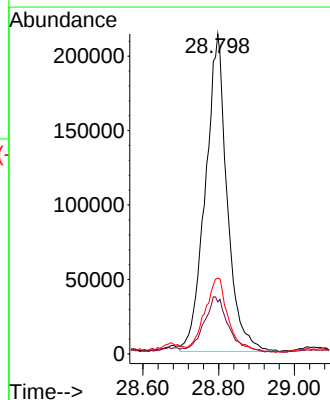
Tgt Ion:276 Resp: 851206

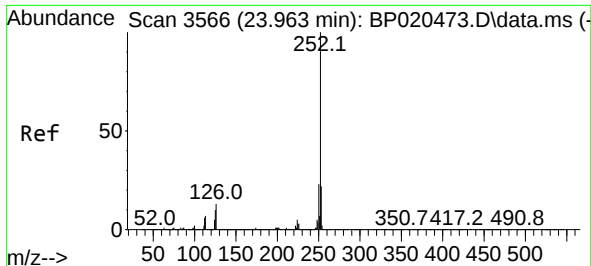
Ion Ratio Lower Upper

276 100

138 19.2 12.8 19.2

277 25.2 15.6 23.4#





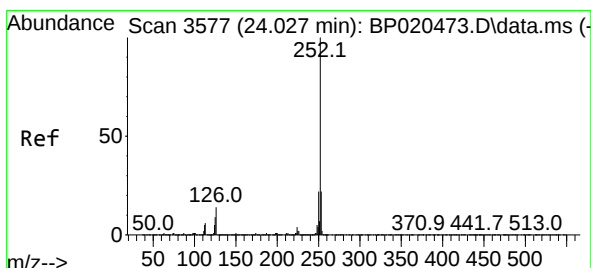
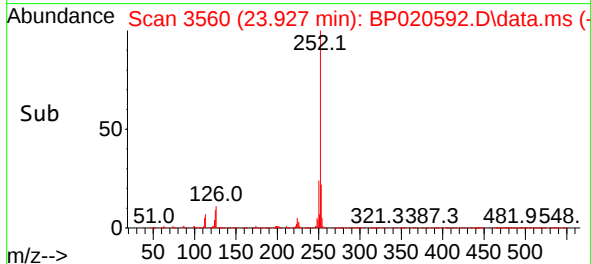
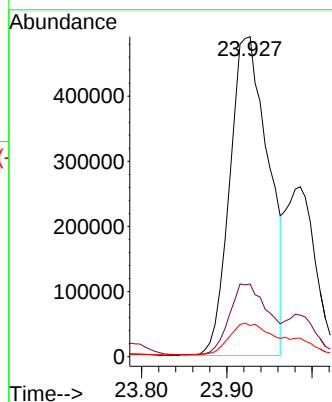
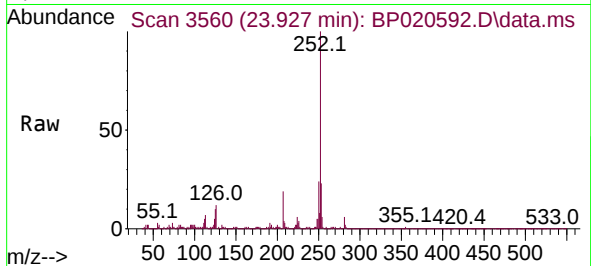
#88
Benzo(b)fluoranthene
Concen: 14.340 ng
RT: 23.927 min Scan# 3566
Delta R.T. -0.035 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Instrument :
BNA_P
ClientSampleId :
TR-04-060724

Tgt Ion:252 Resp: 153837
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 9.7 8.0 12.0

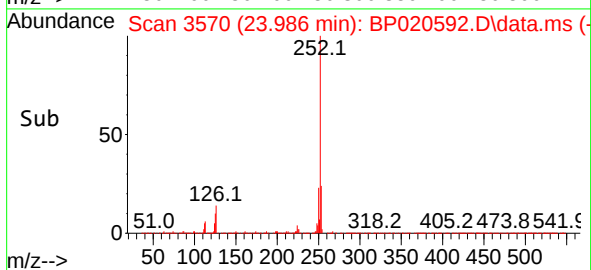
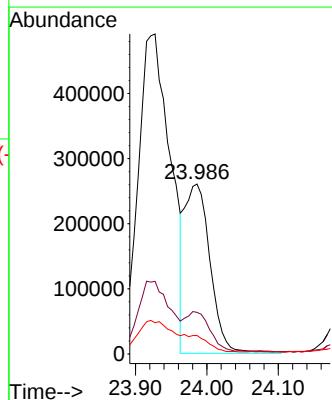
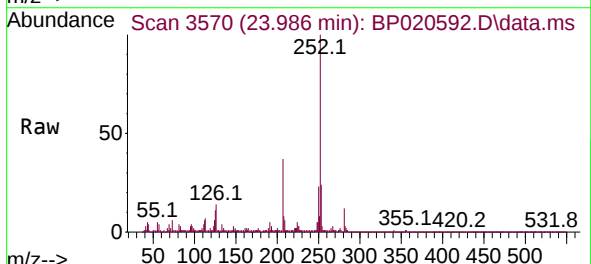
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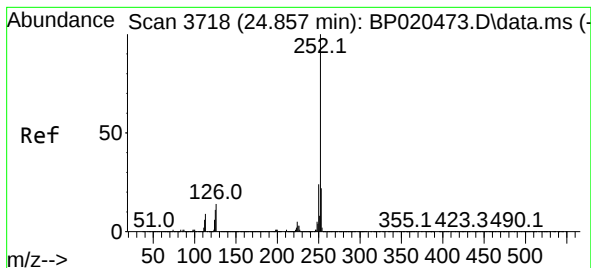
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#89
Benzo(k)fluoranthene
Concen: 6.173 ng m
RT: 23.986 min Scan# 3570
Delta R.T. -0.041 min
Lab File: BP020592.D
Acq: 11 Jun 2024 17:53

Tgt Ion:252 Resp: 645911
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 10.9 7.8 11.6





#90

Benzo(a)pyrene

Concen: 12.790 ng

RT: 24.821 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

Instrument :

BNA_P

ClientSampleId :

TR-04-060724

Tgt Ion:252 Resp: 113639

Ion Ratio Lower Upper

252 100

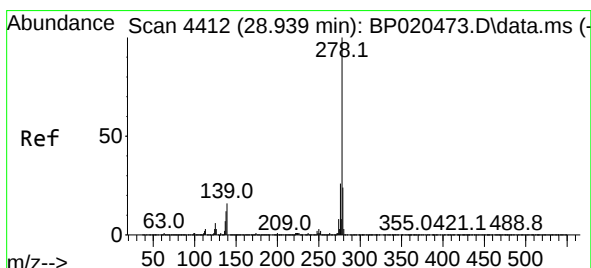
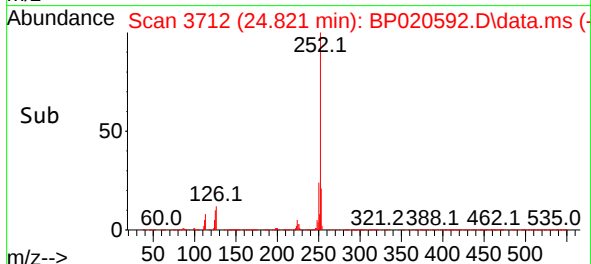
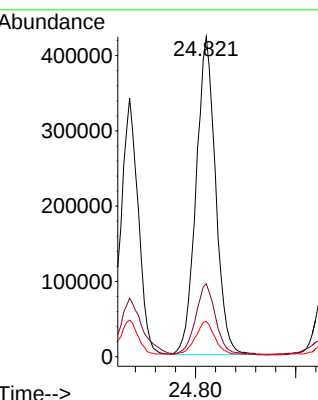
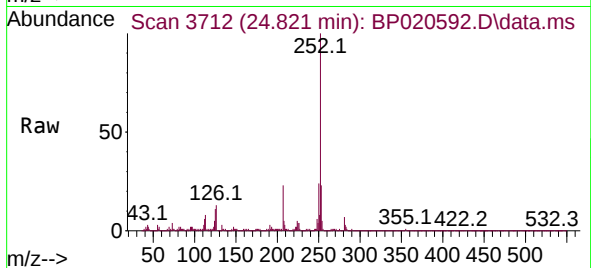
253 22.8 17.4 26.2

125 11.0 8.9 13.3

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Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/15/2024



#91

Dibenzo(a,h)anthracene

Concen: 2.408 ng

RT: 28.851 min Scan# 4397

Delta R.T. -0.088 min

Lab File: BP020592.D

Acq: 11 Jun 2024 17:53

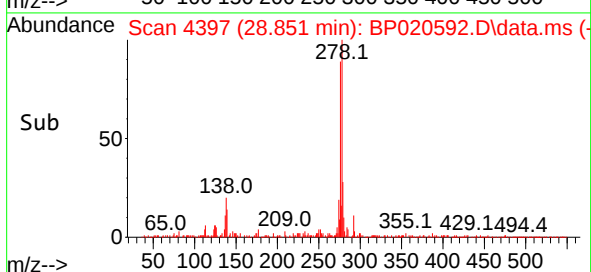
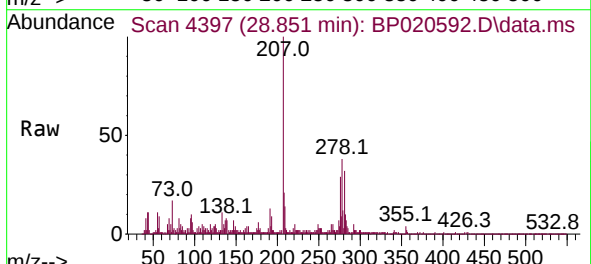
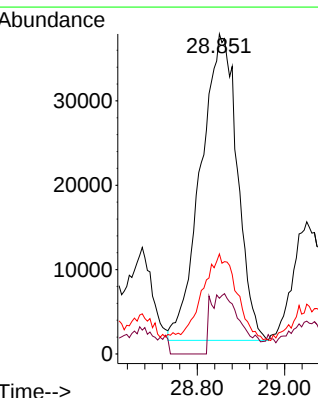
Tgt Ion:278 Resp: 210317

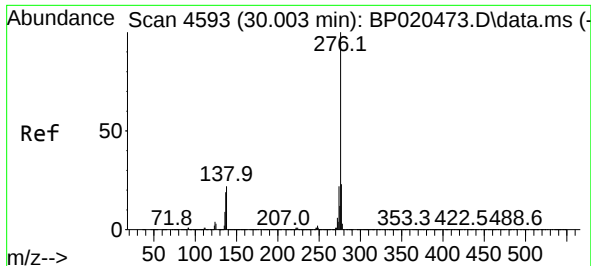
Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.4

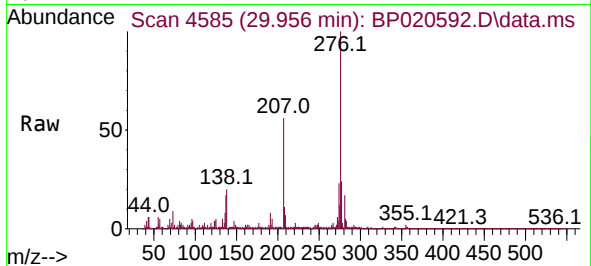
279 31.3 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 9.499 ng
 RT: 29.956 min Scan# 4585
 Delta R.T. -0.047 min
 Lab File: BP020592.D
 Acq: 11 Jun 2024 17:53

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-060724



Tgt Ion: 276 Resp: 829320

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	20.1	17.7	26.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/15/2024

