

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009630.D
 Acq On : 30 Mar 2022 21:35
 Operator : CG/JU
 Sample : N2155-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

Quant Time: Mar 31 04:42:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	260787	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	783257	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	620368	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1299576	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1209498	20.000	ng	0.00
86) Perylene-d12	23.657	264	1143149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1433806	95.991	ng	0.00
7) Phenol-d6	6.934	99	1986321	98.333	ng	0.00
23) Nitrobenzene-d5	8.899	82	916028	62.148	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	566000	55.289	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2757390	61.617	ng	0.00
79) Terphenyl-d14	19.739	244	4319162	64.096	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.198	178	1060693	15.247	ng	99
72) Anthracene	17.292	178	291666	4.246	ng	99
75) Fluoranthene	19.181	202	1644066	19.521	ng	99
78) Pyrene	19.534	202	1553454	19.491	ng	99
80) Butylbenzylphthalate	20.422	149	264589	7.811	ng	97
81) Benzo(a)anthracene	21.257	228	817370	10.286	ng	98
83) Chrysene	21.310	228	740777	9.845	ng	97
84) Bis(2-ethylhexyl)phtha...	21.192	149	1098493	23.264	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.139	276	454835	5.244	ng	# 91
88) Benzo(b)fluoranthene	22.933	252	859122m	12.589	ng	
89) Benzo(k)fluoranthene	22.974	252	337674m	5.054	ng	
90) Benzo(a)pyrene	23.557	252	643176	11.016	ng	95
92) Benzo(g,h,i)perylene	26.904	276	471646	6.633	ng	# 92

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

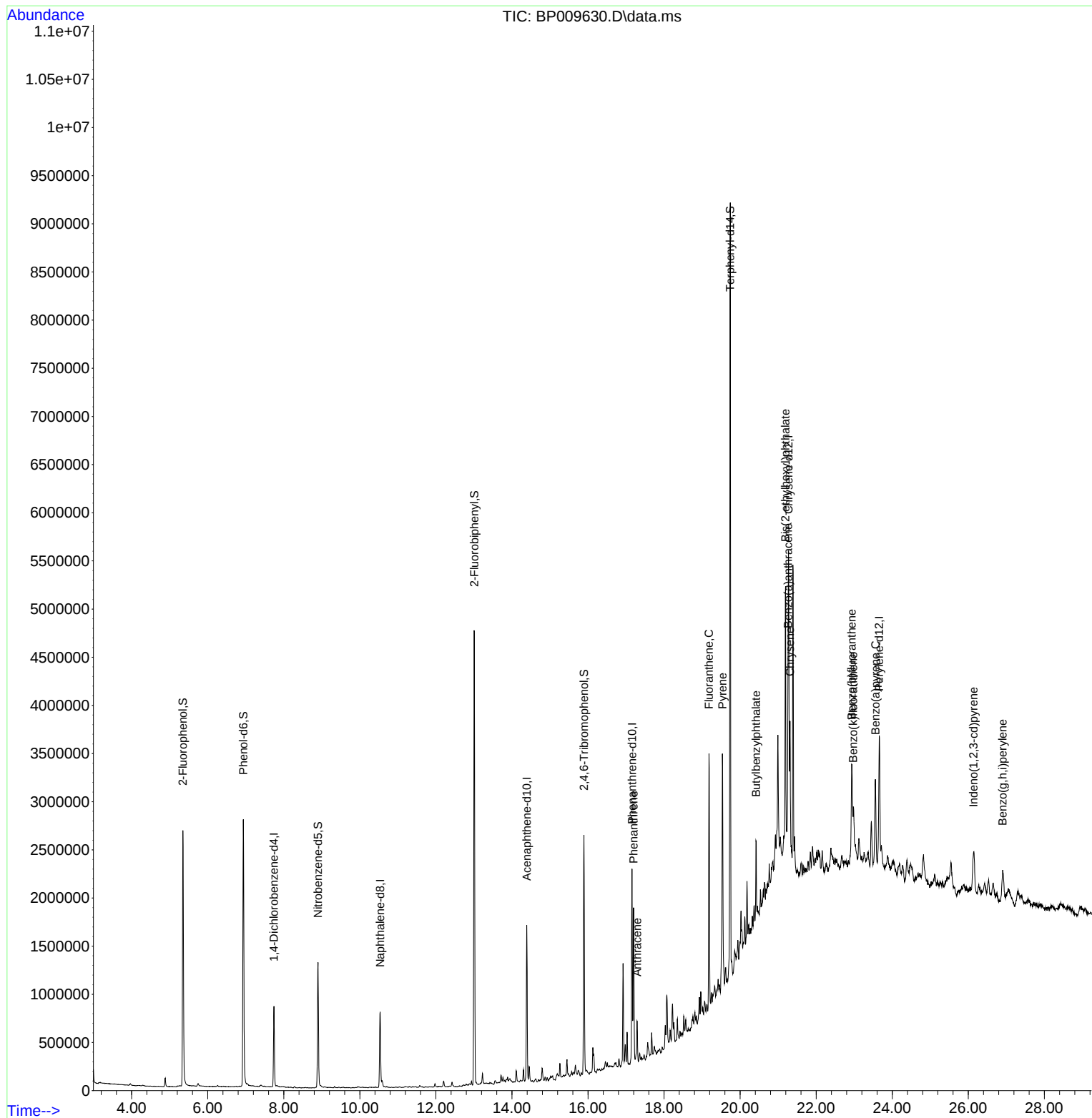
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009630.D
Acq On : 30 Mar 2022 21:35
Operator : CG/JU
Sample : N2155-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

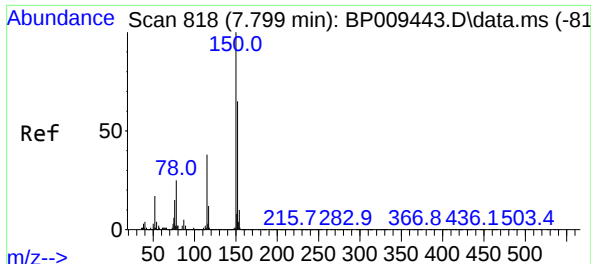
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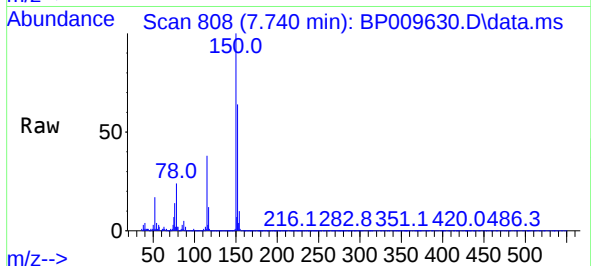
Quant Time: Mar 31 04:42:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

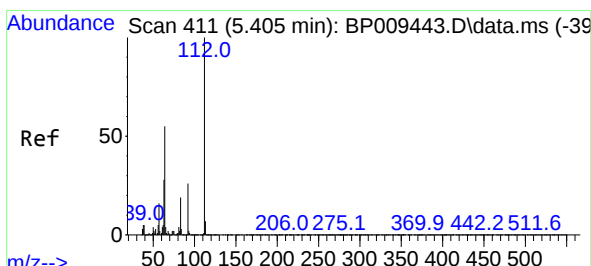
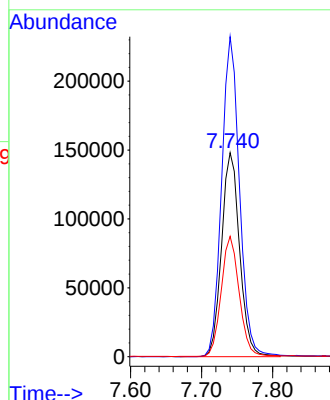
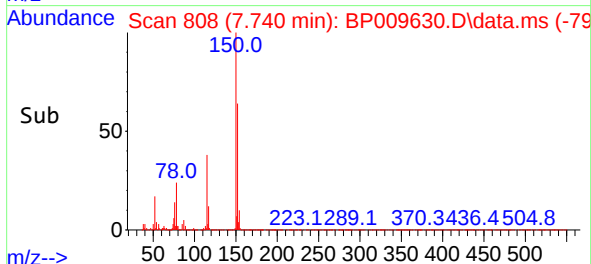
Instrument :
BNA_P
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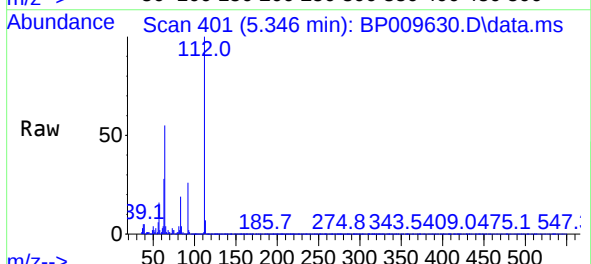
Tgt Ion:152 Resp: 26078
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 59.0 48.2 72.4

Manual Integrations
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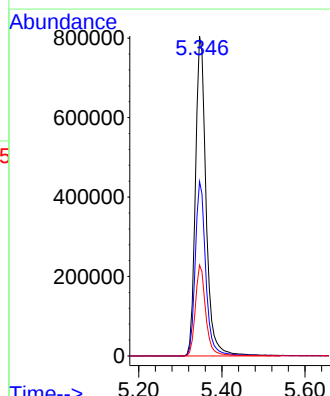
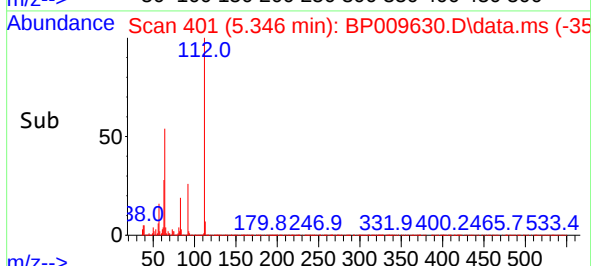
Reviewed By :Christian Giraldo 03/31/2022
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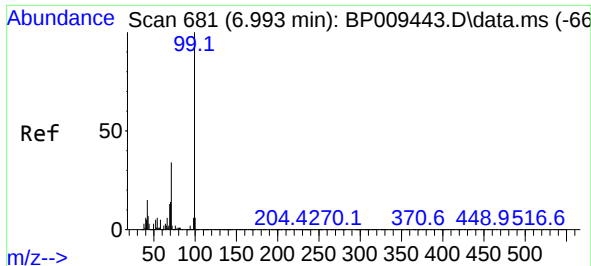


#5
2-Fluorophenol
Concen: 95.991 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35



Tgt Ion:112 Resp: 1433806
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.4 23.0 34.6





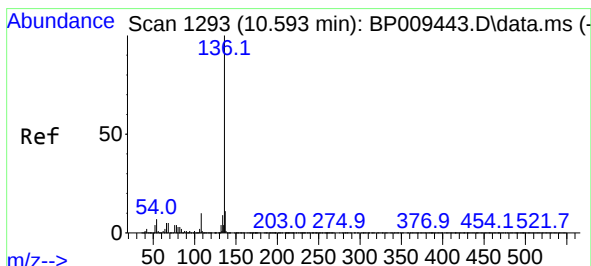
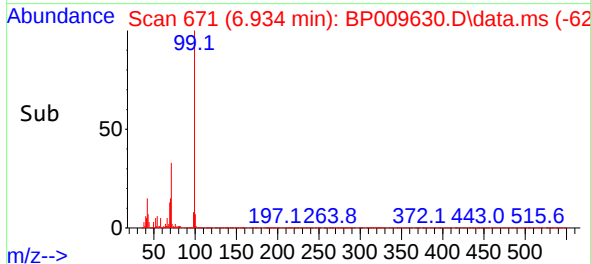
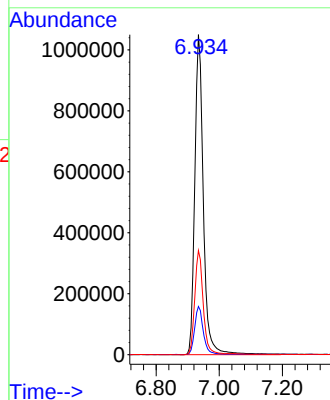
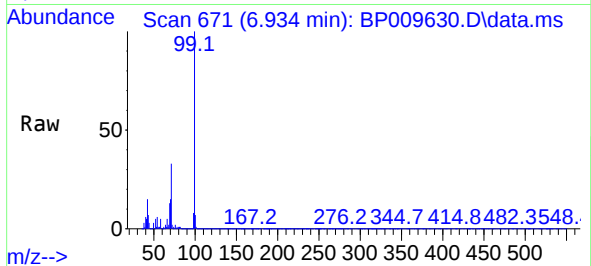
#7
Phenol-d6
Concen: 98.333 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

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ClientSampleId :
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Tgt Ion: 99 Resp: 198632
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.5 26.3 39.5

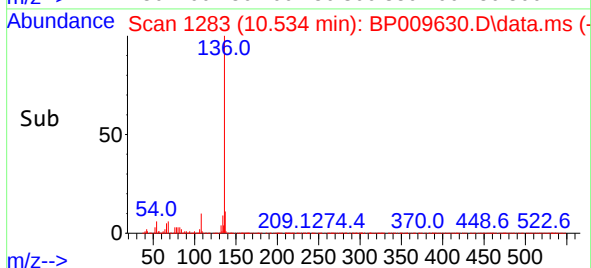
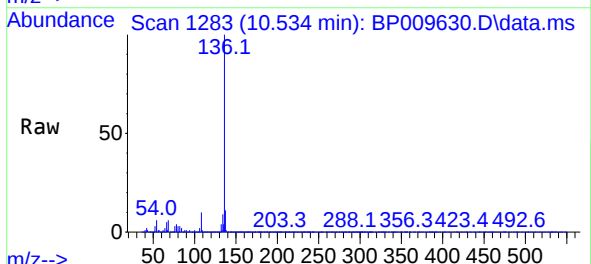
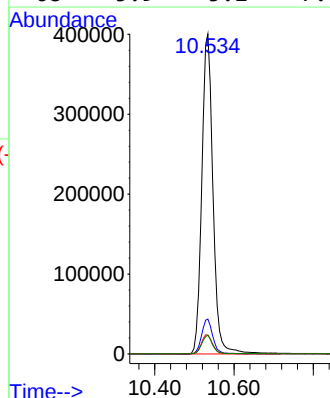
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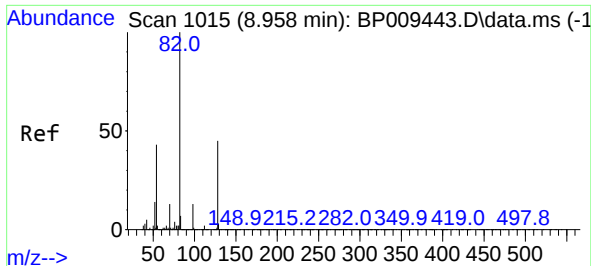
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion:136 Resp: 783257
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.8 5.8 8.8#
68 5.9 5.2 7.8





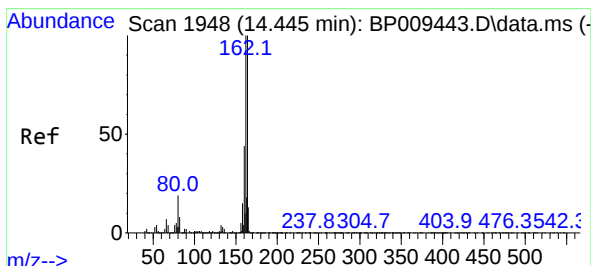
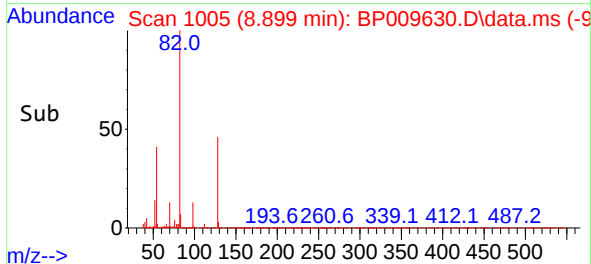
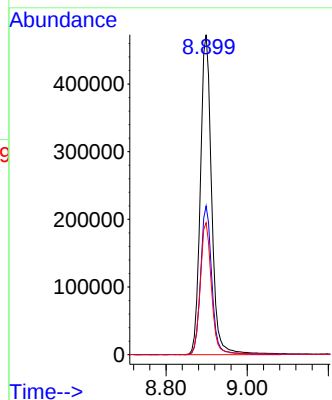
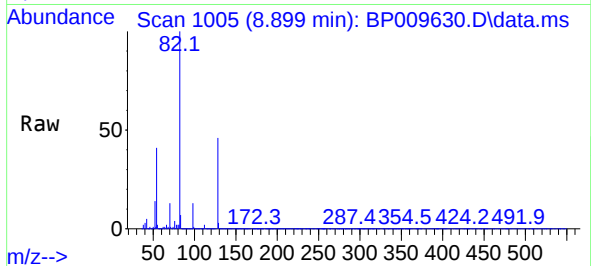
#23
Nitrobenzene-d5
Concen: 62.148 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 916028
Ion Ratio Lower Upper
82 100
128 46.4 34.2 51.4
54 41.2 34.7 52.1

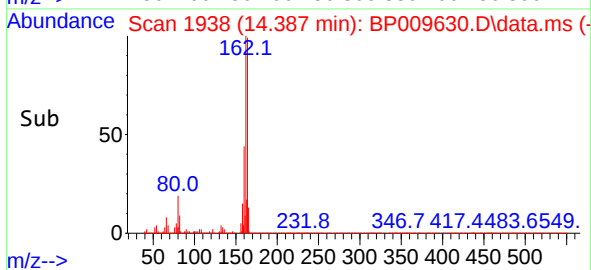
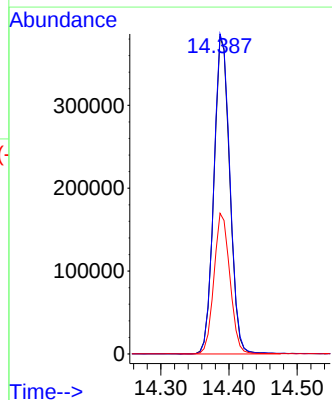
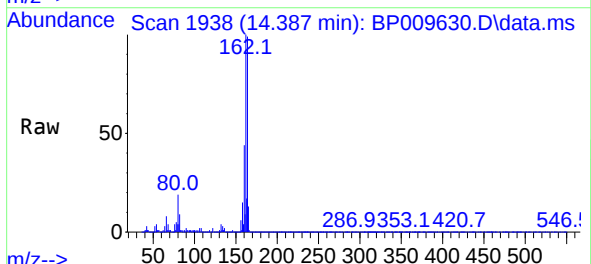
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

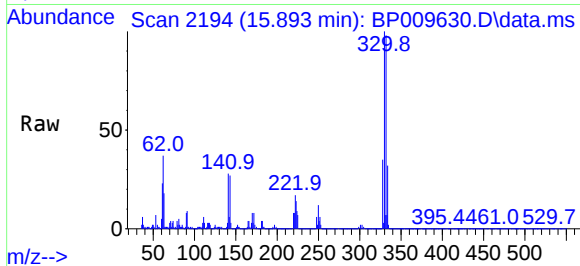
Tgt Ion:164 Resp: 620368
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 44.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 55.289 ng
RT: 15.893 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

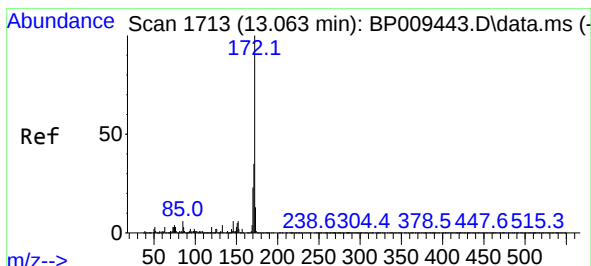
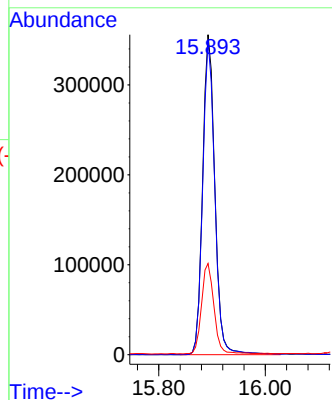
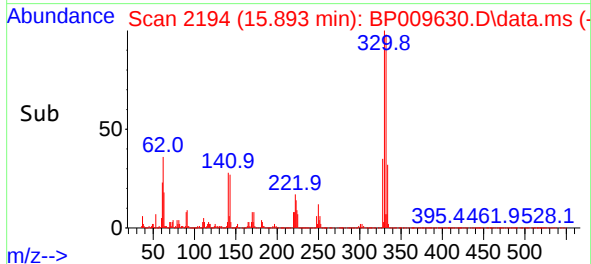
Instrument :
BNA_P
ClientSampleId :
22L076-B



Tgt Ion:330 Resp: 566000
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 28.8 27.6 41.4

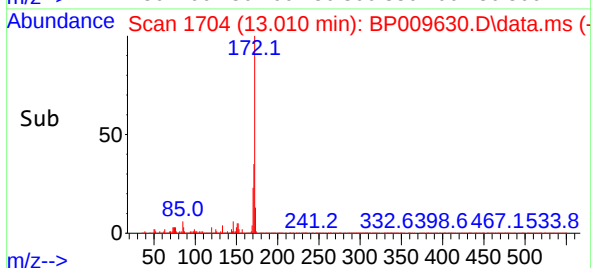
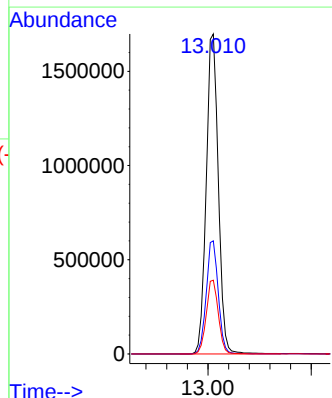
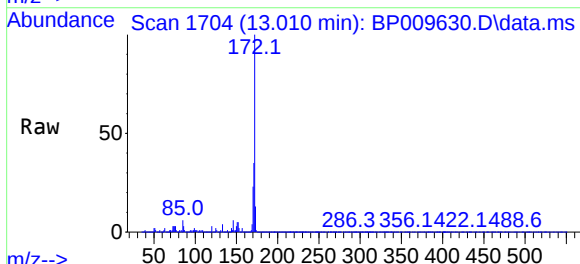
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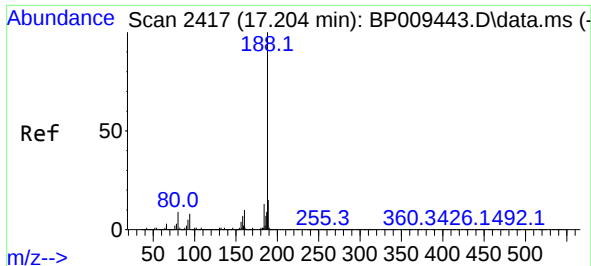
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#45
2-Fluorobiphenyl
Concen: 61.617 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

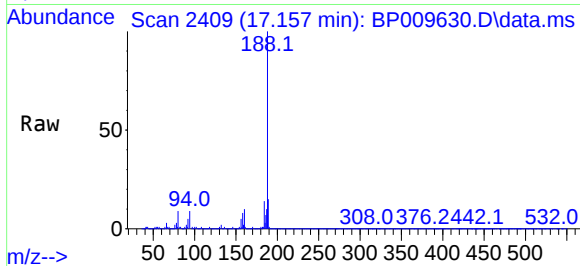
Tgt Ion:172 Resp: 2757390
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

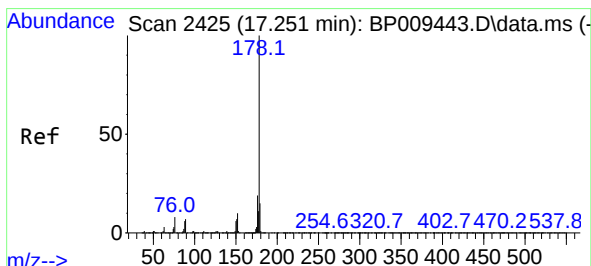
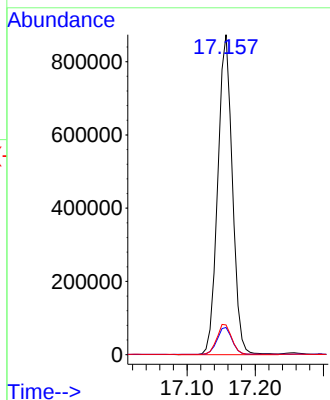
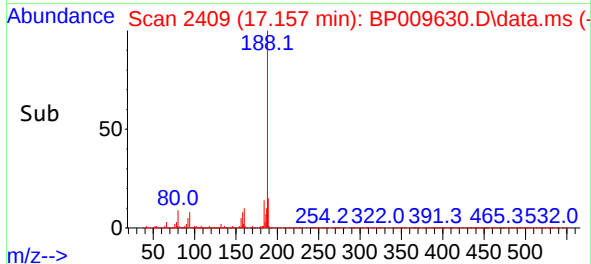
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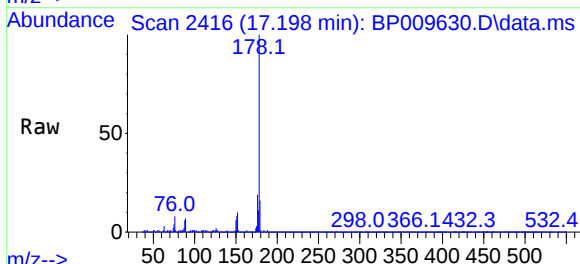
Tgt Ion:188 Resp: 1299570
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.3 8.8 13.2

Manual Integrations
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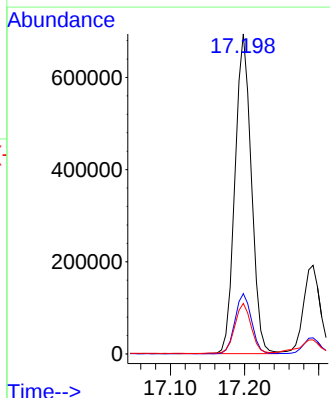
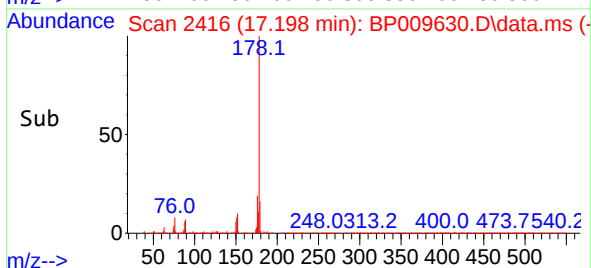
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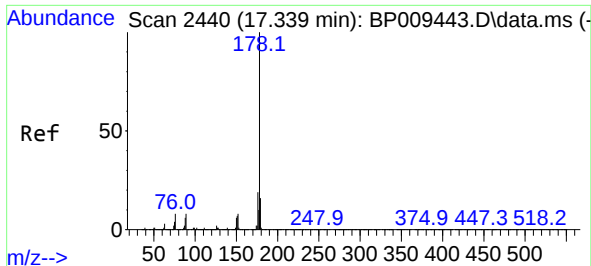


#71
Phenanthrene
Concen: 15.247 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35



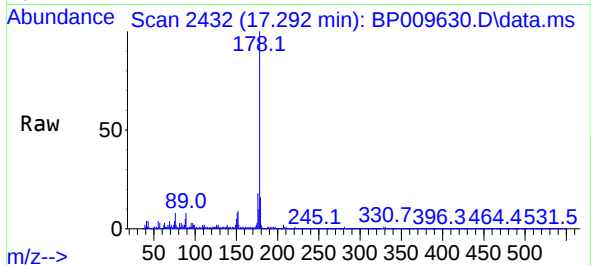
Tgt Ion:178 Resp: 1060693
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.8 12.3 18.5





#72
 Anthracene
 Concen: 4.246 ng
 RT: 17.292 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

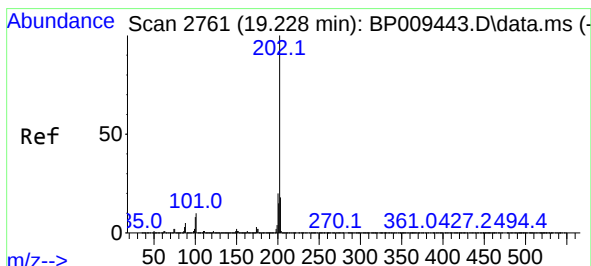
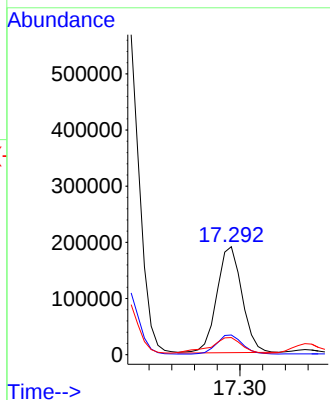
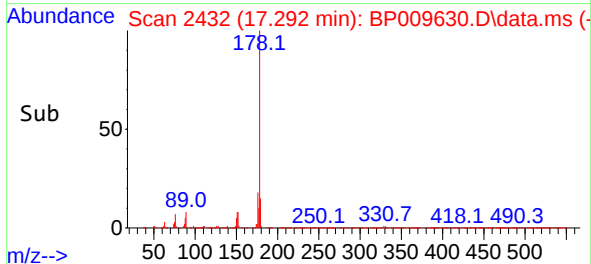
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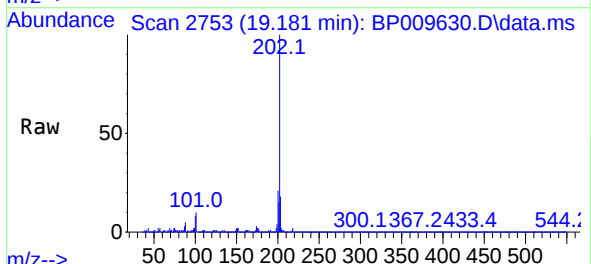
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 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.9 12.2 18.4

Manual Integrations
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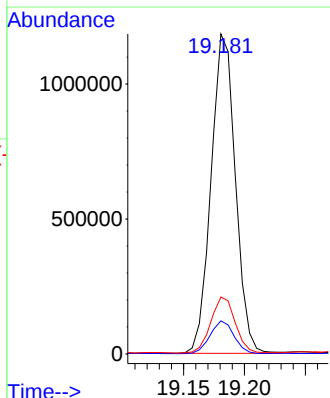
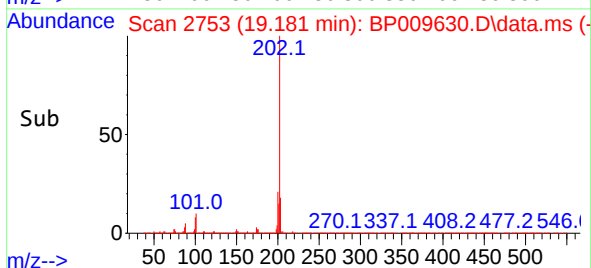
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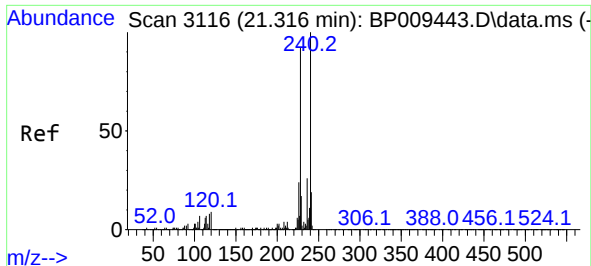


#75
 Fluoranthene
 Concen: 19.521 ng
 RT: 19.181 min Scan# 2753
 Delta R.T. 0.000 min
 Lab File: BP009630.D
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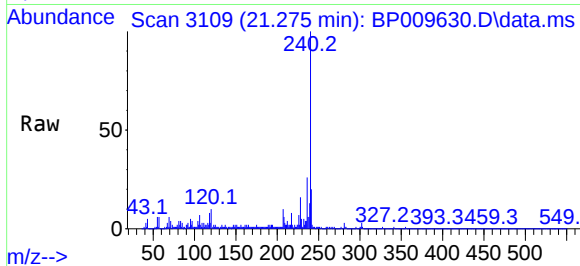
Tgt Ion:202 Resp: 1644066
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.5
 203 17.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

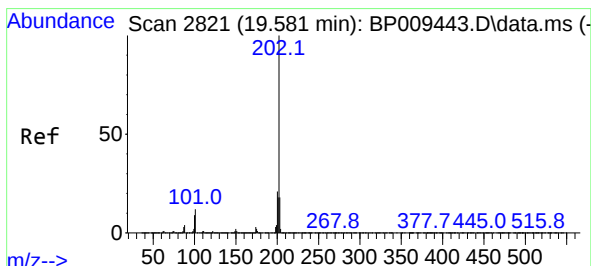
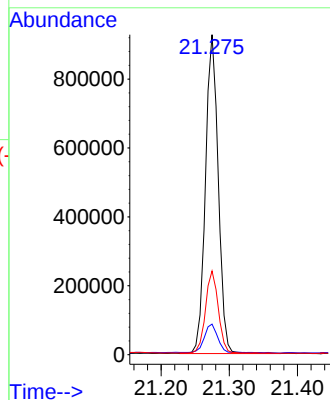
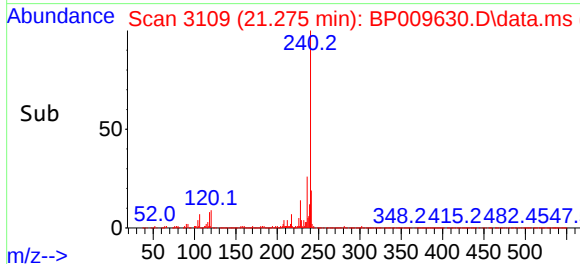
Instrument :
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Tgt Ion:240 Resp: 1209498
Ion Ratio Lower Upper
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120 9.5 9.0 13.4
236 26.2 20.6 30.8

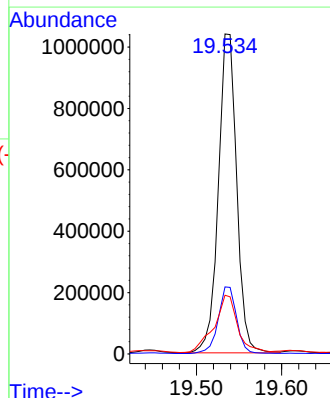
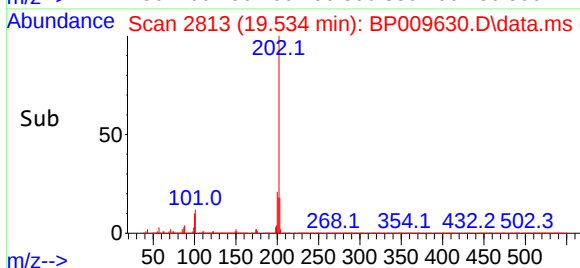
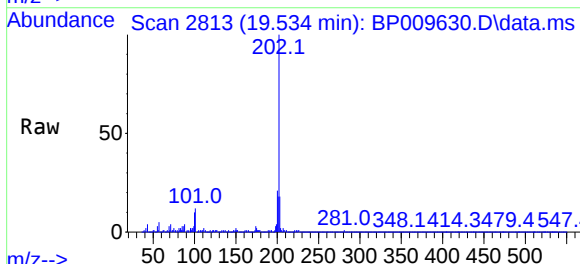
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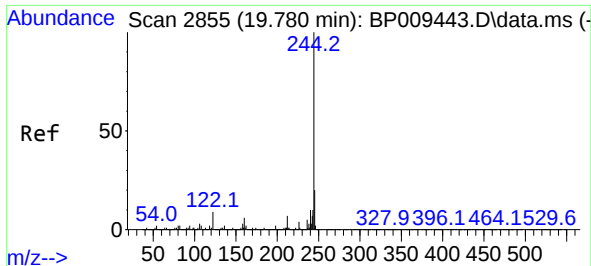
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#78
Pyrene
Concen: 19.491 ng
RT: 19.534 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

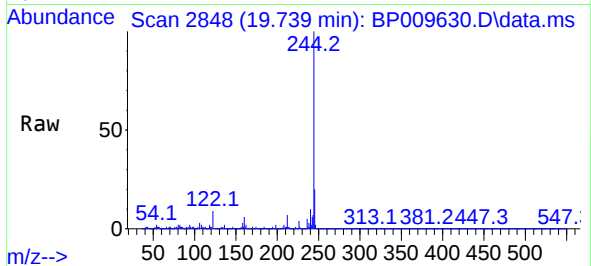
Tgt Ion:202 Resp: 1553454
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.3 14.2 21.4





#79
Terphenyl-d14
Concen: 64.096 ng
RT: 19.739 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

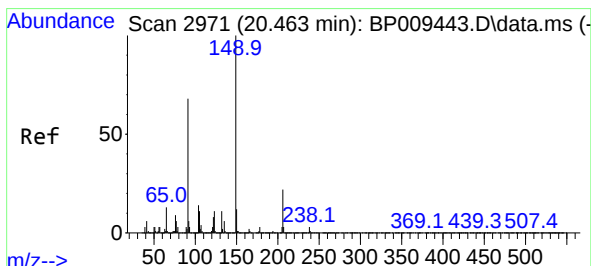
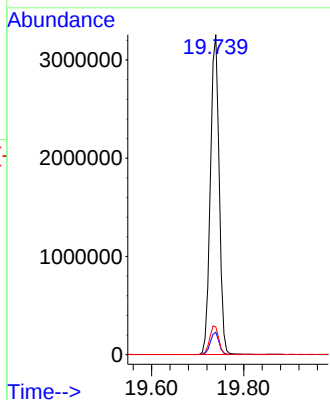
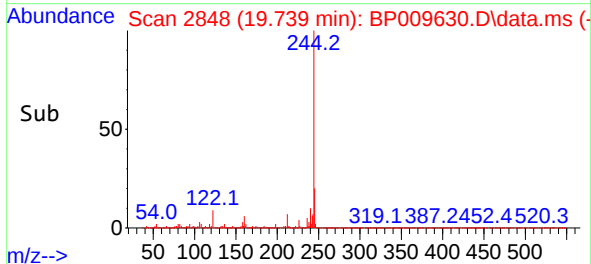
Instrument :
BNA_P
ClientSampleId :
22L076-B



Tgt Ion:244 Resp: 431916
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.7 8.3 12.5

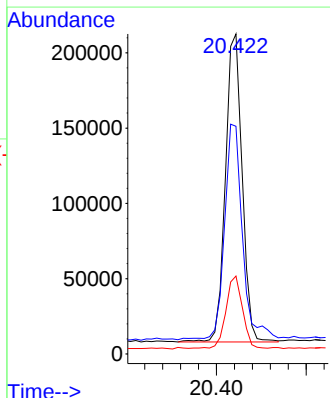
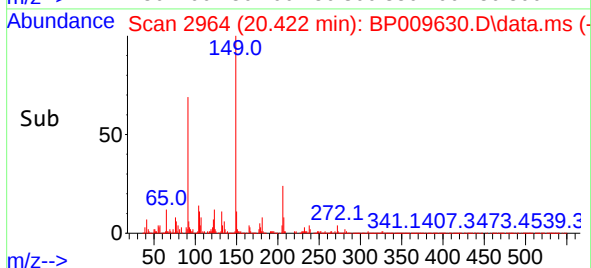
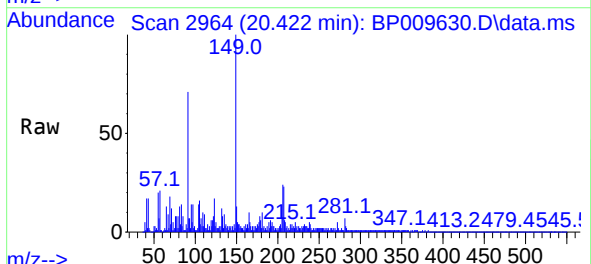
Manual Integrations
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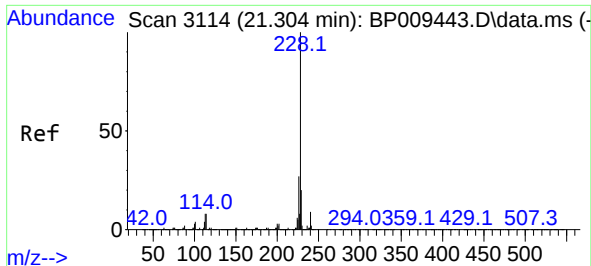
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#80
Butylbenzylphthalate
Concen: 7.811 ng
RT: 20.422 min Scan# 2964
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

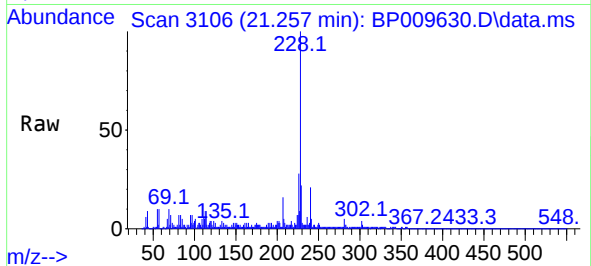
Tgt Ion:149 Resp: 264589
Ion Ratio Lower Upper
149 100
91 71.2 57.9 86.9
206 24.4 16.9 25.3





#81
Benzo(a)anthracene
Concen: 10.286 ng
RT: 21.257 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

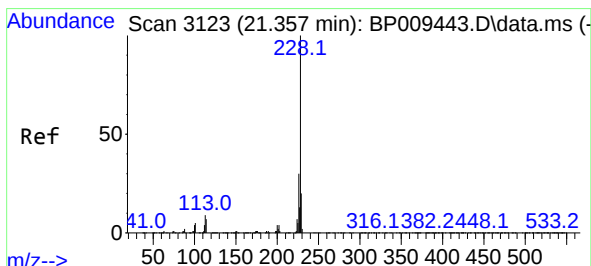
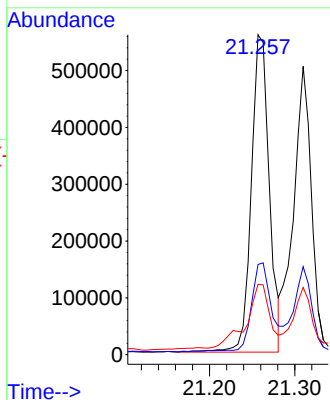
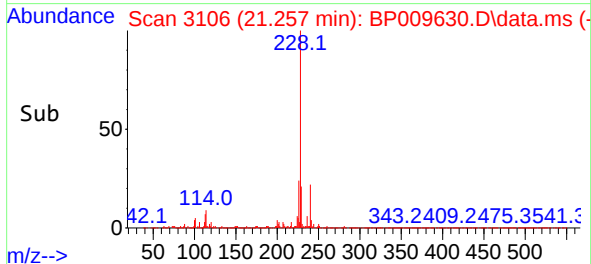
Instrument :
BNA_P
ClientSampleId :
22L076-B



Tgt Ion:228 Resp: 817370
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 22.0 16.1 24.1

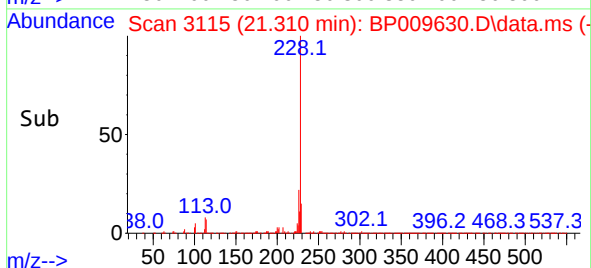
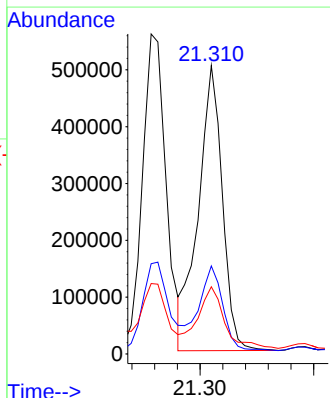
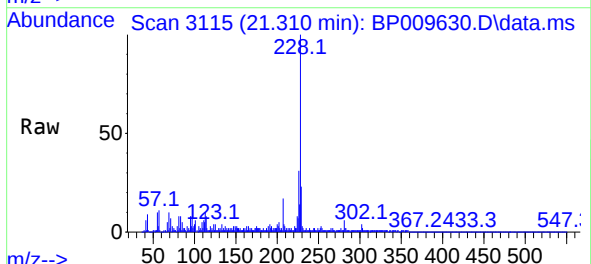
Manual Integrations
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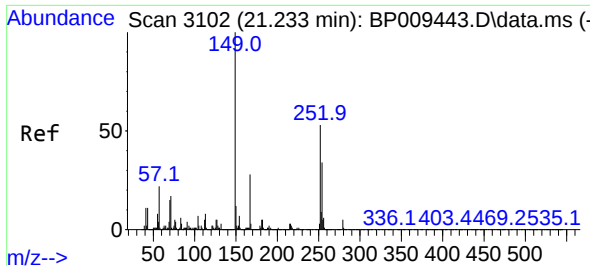
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#83
Chrysene
Concen: 9.845 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

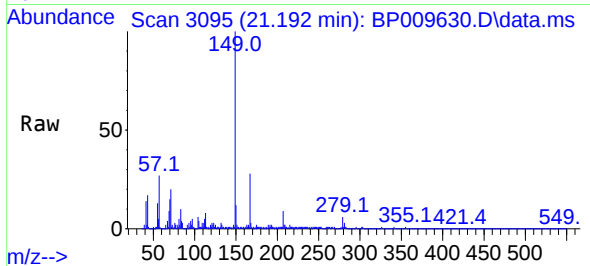
Tgt Ion:228 Resp: 740777
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.3 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 23.264 ng
RT: 21.192 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

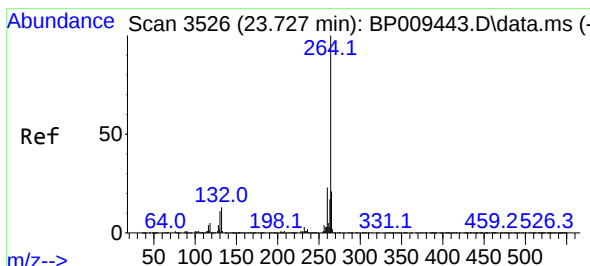
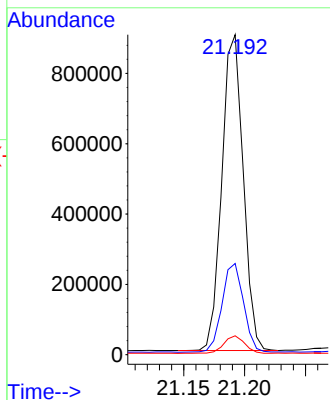
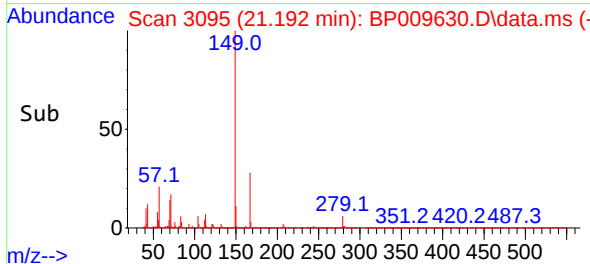
Instrument :
BNA_P
ClientSampleId :
22L076-B



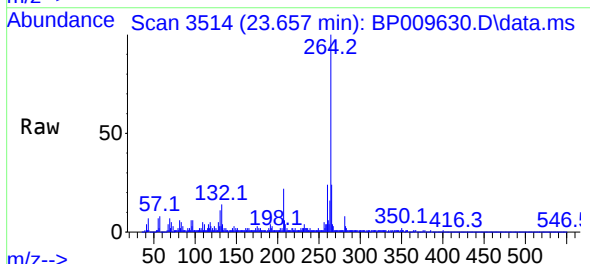
Tgt Ion:149 Resp: 109849
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 5.9 3.8 5.6

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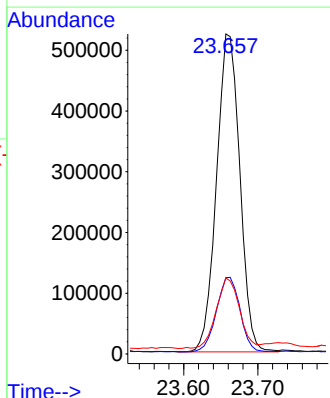
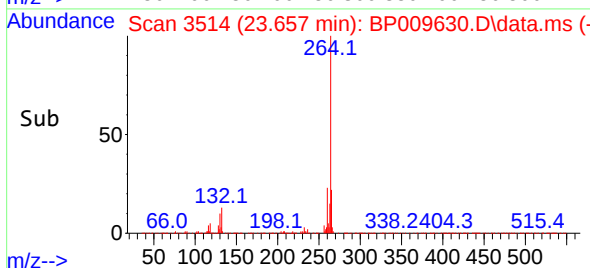
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022

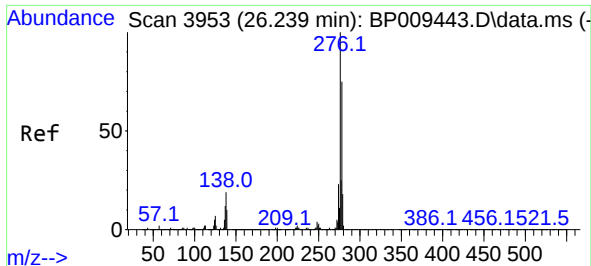


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.657 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35



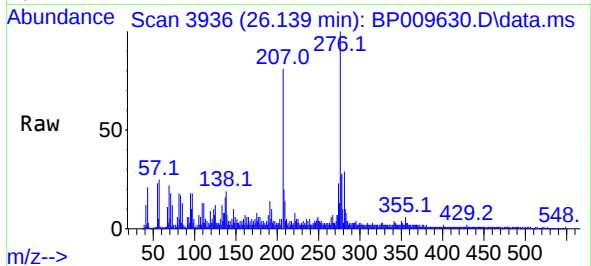
Tgt Ion:264 Resp: 1143149
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 23.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.244 ng
RT: 26.139 min Scan# 3953
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

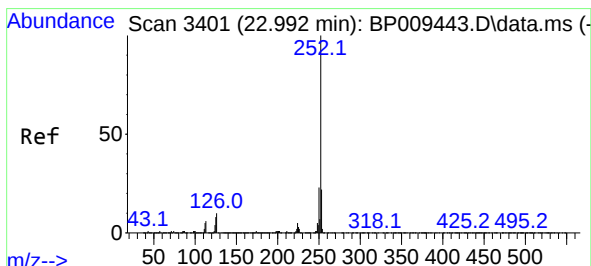
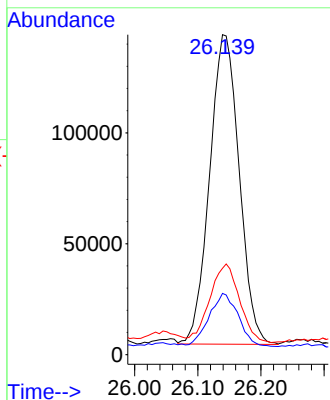
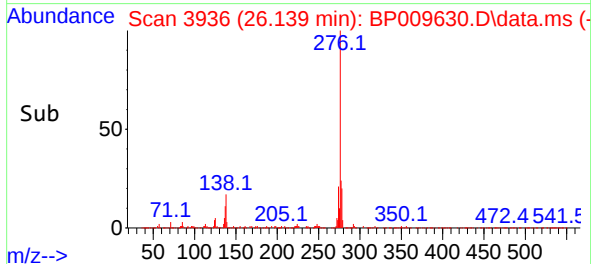
Instrument :
BNA_P
ClientSampleId :
22L076-B



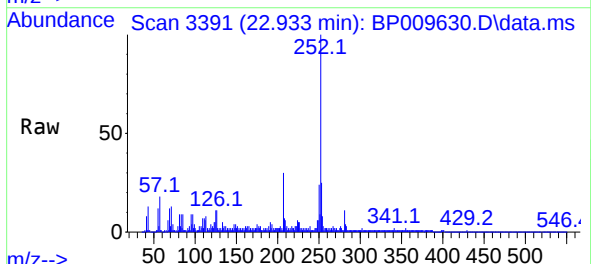
Tgt Ion: 276 Resp: 45483
Ion Ratio Lower Upper
276 100
138 16.9 20.5 30.7
277 25.3 20.4 30.6

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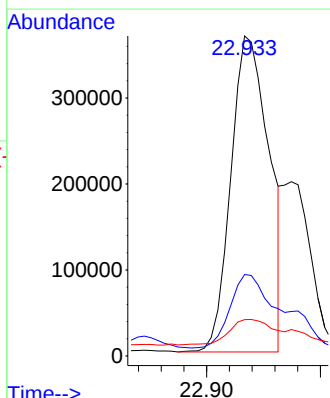
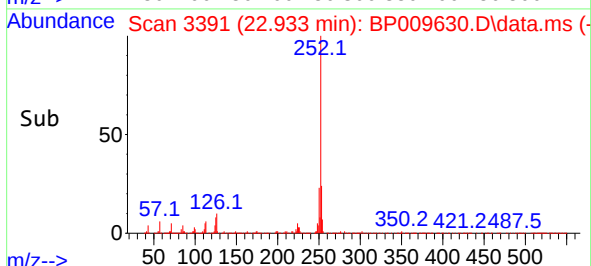
Reviewed By : Christian Giraldo 03/31/2022
Supervised By : Jagrut Upadhyay 03/31/2022

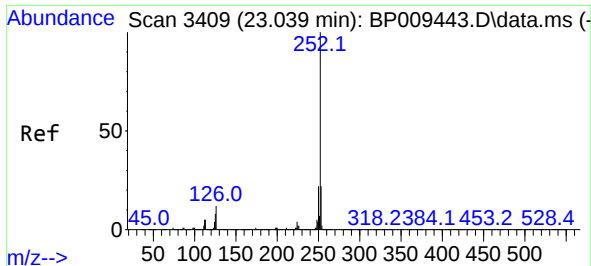


#88
Benzo(b)fluoranthene
Concen: 12.589 ng m
RT: 22.933 min Scan# 3391
Delta R.T. 0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35



Tgt Ion: 252 Resp: 859122
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 11.4 8.1 12.1





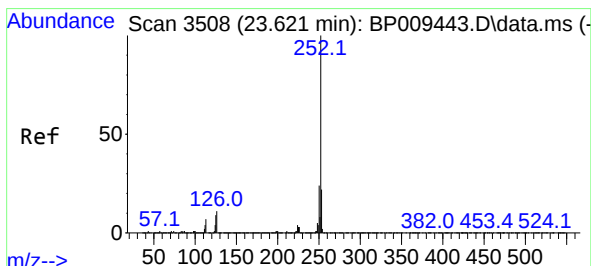
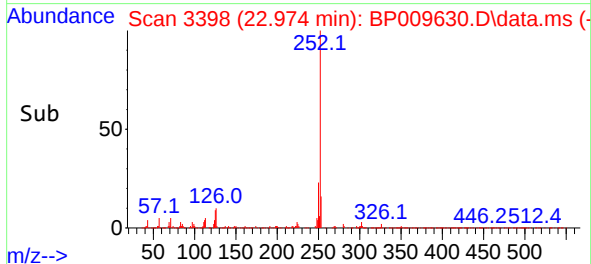
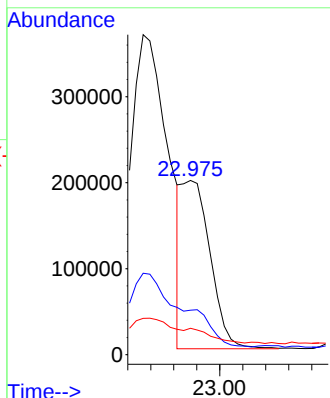
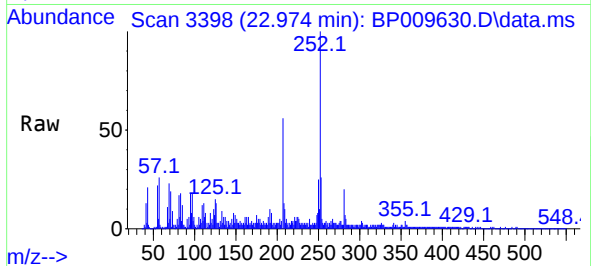
#89
Benzo(k)fluoranthene
Concen: 5.054 ng m
RT: 22.974 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Instrument :
BNA_P
ClientSampleId :
22L076-B

Tgt Ion:252 Resp: 337674
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 15.1 8.3 12.5

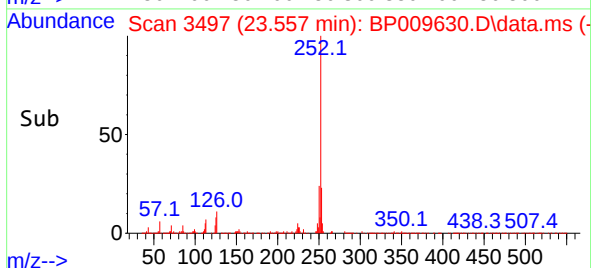
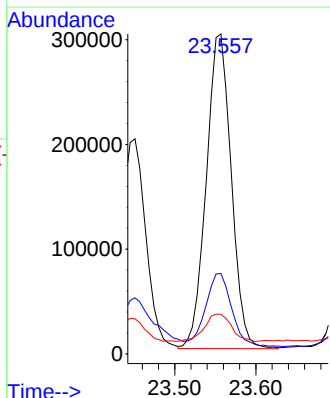
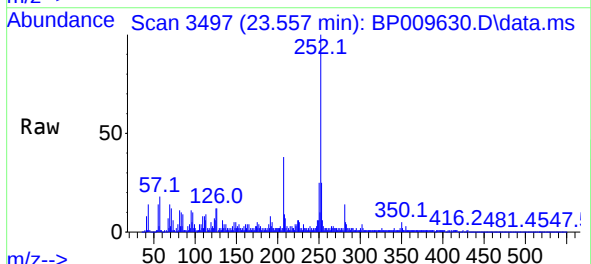
Manual Integrations
APPROVED

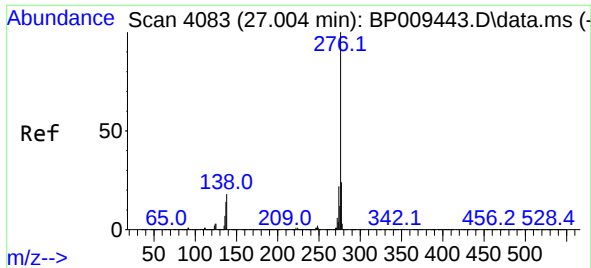
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#90
Benzo(a)pyrene
Concen: 11.016 ng
RT: 23.557 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion:252 Resp: 643176
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 12.4 9.3 13.9





#92

Benzo(g,h,i)perylene

Concen: 6.633 ng

RT: 26.904 min Scan# 4083

Delta R.T. 0.006 min

Lab File: BP009630.D

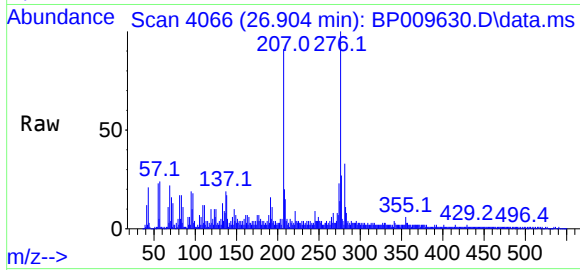
Acq: 30 Mar 2022 21:35

Instrument :

BNA_P

ClientSampleId :

22L076-B



Tgt Ion: 276 Resp: 471640

Ion Ratio Lower Upper

276 100

277 26.7 19.2 28.8

138 17.0 18.0 27.0

Manual Integrations

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Reviewed By : Christian Giraldo 03/31/2022

Supervised By : Jagrut Upadhyay 03/31/2022

