

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009577.D
 Acq On : 28 Mar 2022 21:43
 Operator : CG/JU
 Sample : N2103-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-2001

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 03:14:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	279108	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1137308	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	735585	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1532312	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1508417	20.000	ng	0.00
86) Perylene-d12	23.686	264	1667163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1899709	118.834	ng	0.00
7) Phenol-d6	6.958	99	2447291	113.201	ng	0.00
23) Nitrobenzene-d5	8.922	82	1547170	72.291	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1154819	95.137	ng	-0.01
45) 2-Fluorobiphenyl	13.034	172	3780499	71.248	ng	0.00
79) Terphenyl-d14	19.757	244	6008451	71.496	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.134	152	373649	5.602	ng	99
71) Phenanthrene	17.216	178	492139	6.000	ng	99
72) Anthracene	17.310	178	284812	3.517	ng	99
75) Fluoranthene	19.204	202	1270101	12.790	ng	98
78) Pyrene	19.557	202	1597012	16.067	ng	100
81) Benzo(a)anthracene	21.280	228	829868m	8.374	ng	
83) Chrysene	21.327	228	870525	9.277	ng	97
84) Bis(2-ethylhexyl)phtha...	21.216	149	3907953	66.362	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.174	276	647667	5.121	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	1309467m	13.157	ng	
89) Benzo(k)fluoranthene	23.004	252	294566m	3.023	ng	
90) Benzo(a)pyrene	23.580	252	987443	11.596	ng	98
92) Benzo(g,h,i)perylene	26.939	276	698756	6.738	ng	96

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

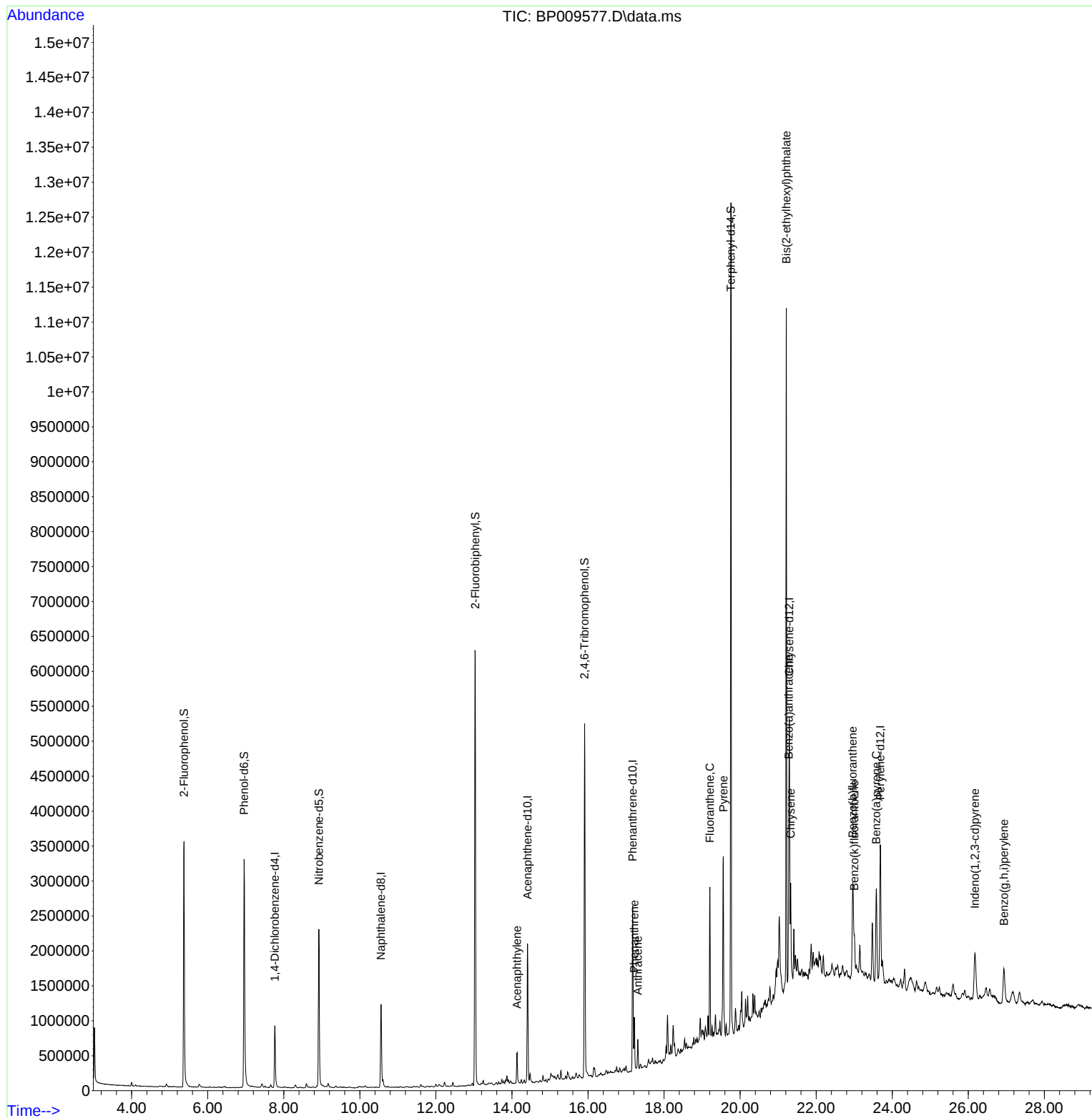
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009577.D
Acq On : 28 Mar 2022 21:43
Operator : CG/JU
Sample : N2103-01
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ALS Vial : 11 Sample Multiplier: 1

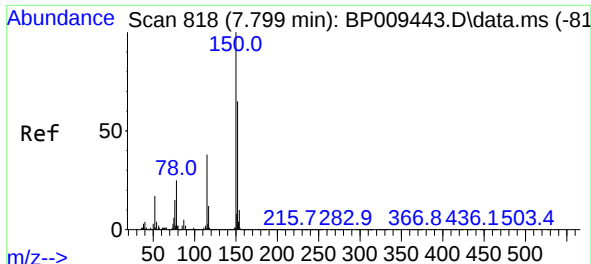
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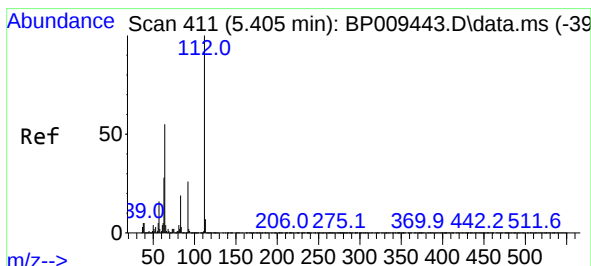
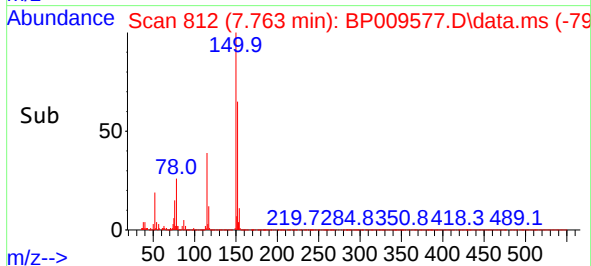
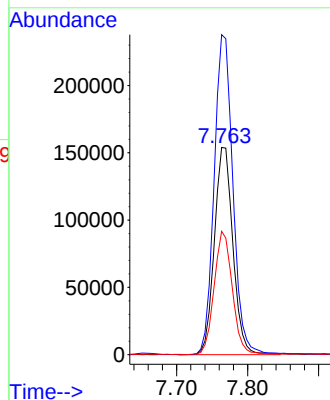
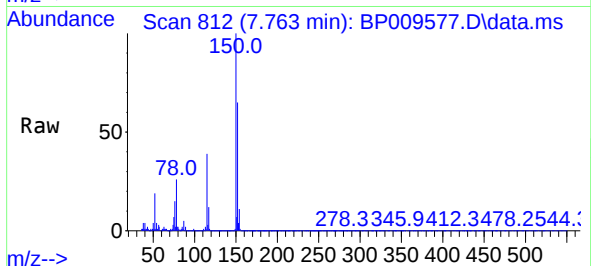
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion:152 Resp: 279108
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 59.6 48.2 72.4

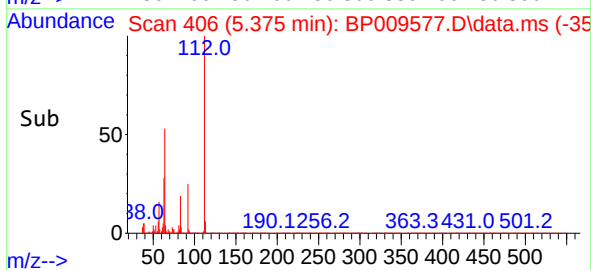
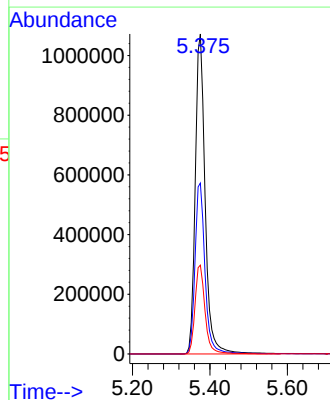
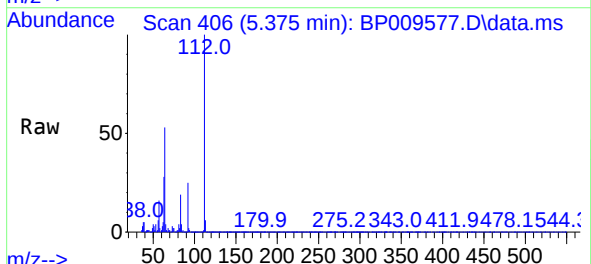
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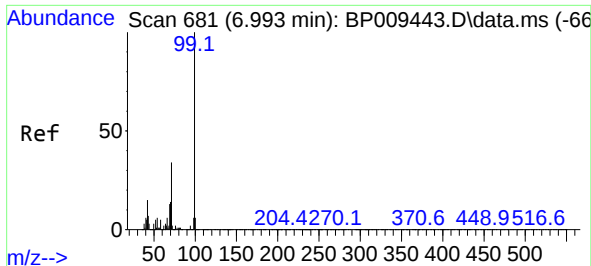
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#5
2-Fluorophenol
Concen: 118.834 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:112 Resp: 1899709
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 27.8 23.0 34.6





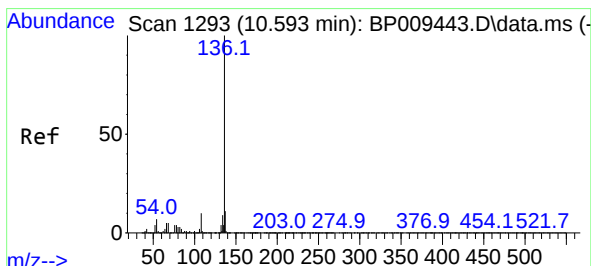
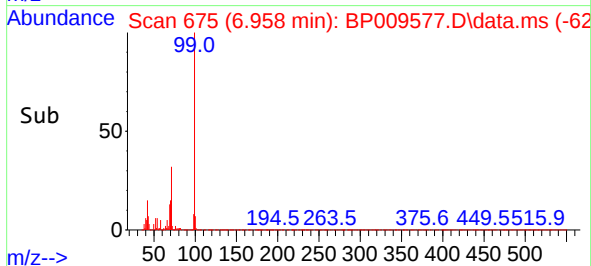
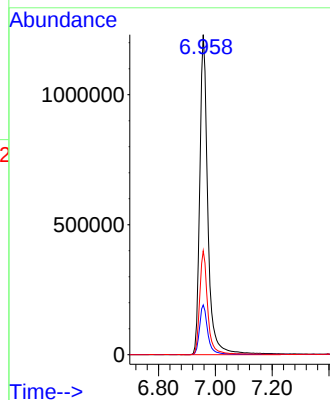
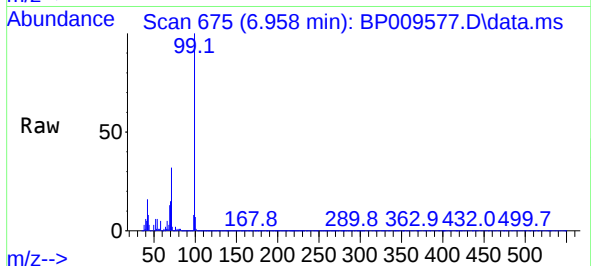
#7
Phenol-d6
Concen: 113.201 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion: 99 Resp: 244729
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.5 26.3 39.5

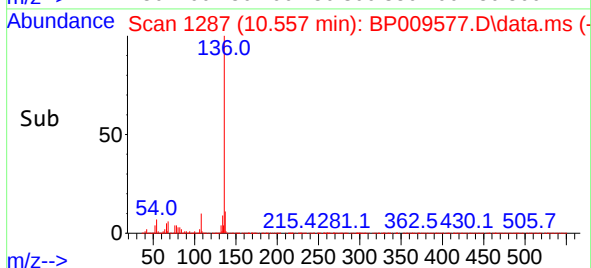
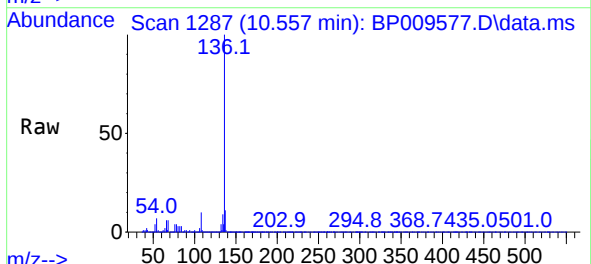
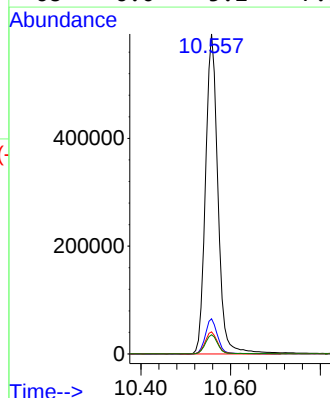
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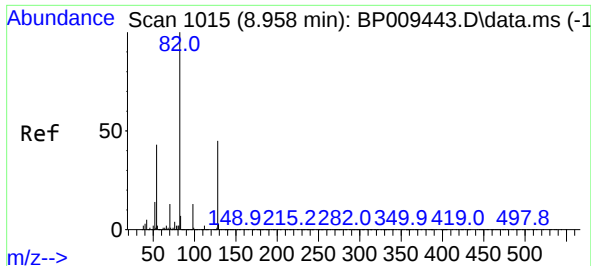
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

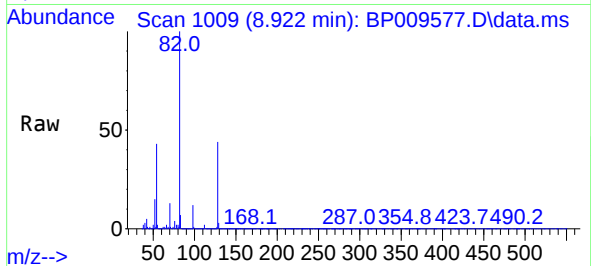
Tgt Ion:136 Resp: 1137308
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 72.291 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

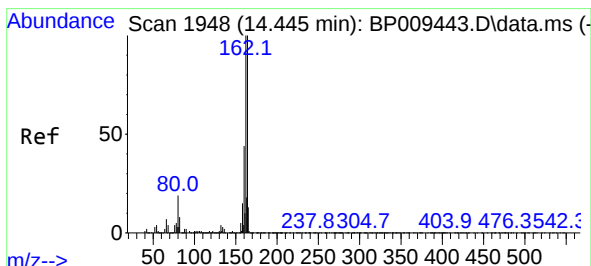
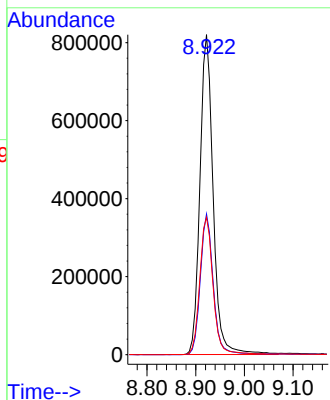
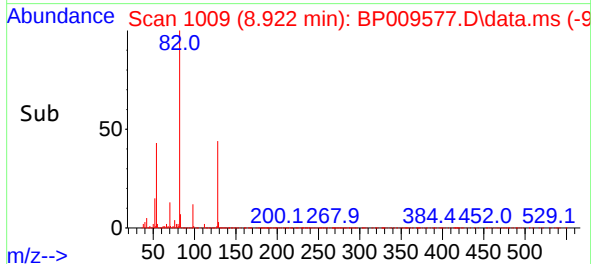
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 1547170
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.0 34.7 52.1

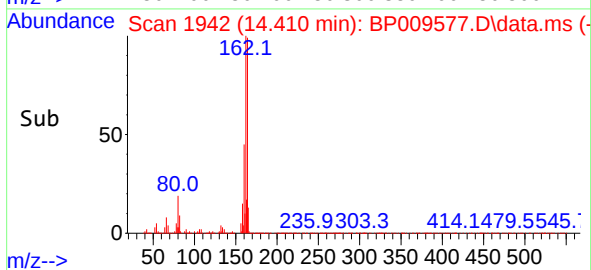
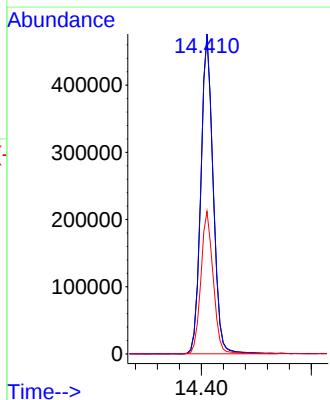
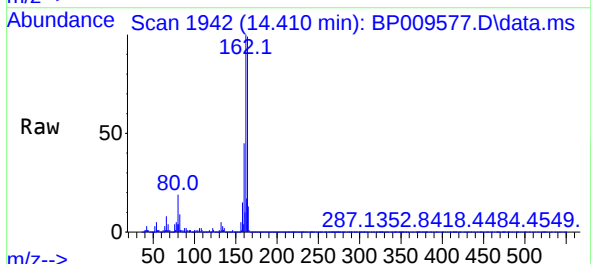
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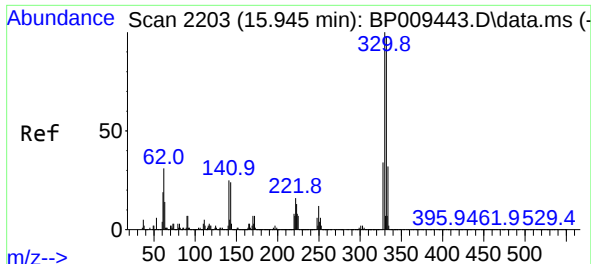
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:164 Resp: 735585
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 45.0 34.9 52.3





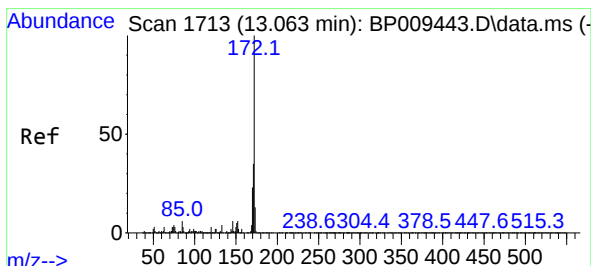
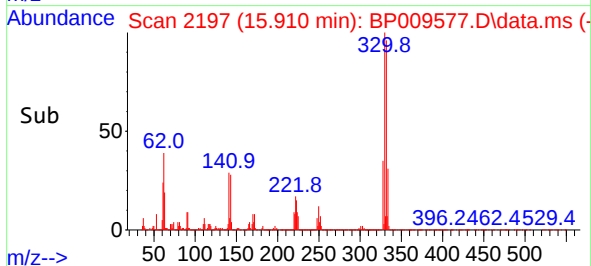
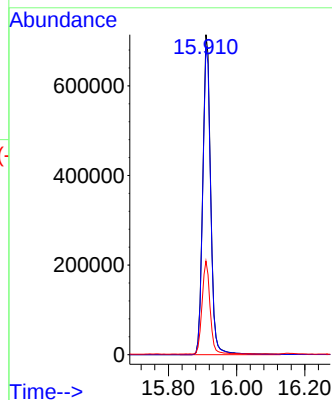
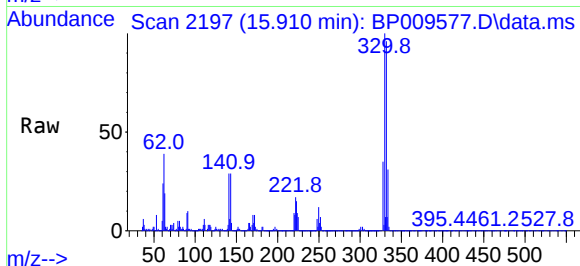
#42
2,4,6-Tribromophenol
Concen: 95.137 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion:330 Resp: 1154819
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 29.1 27.6 41.4

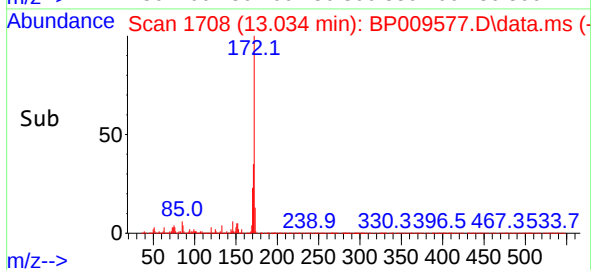
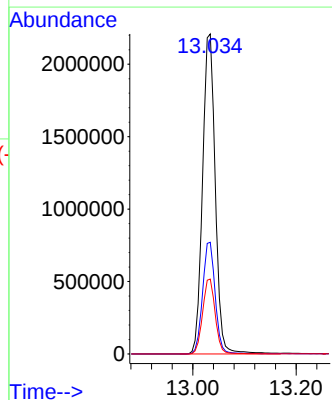
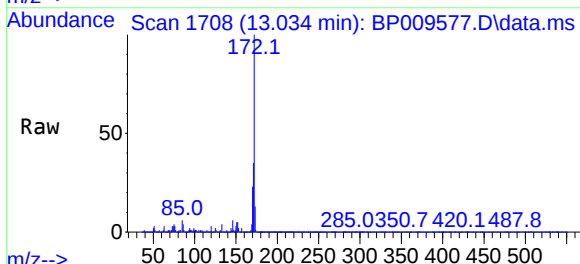
Manual Integrations
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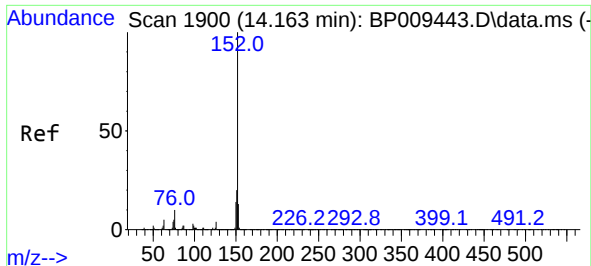
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#45
2-Fluorobiphenyl
Concen: 71.248 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

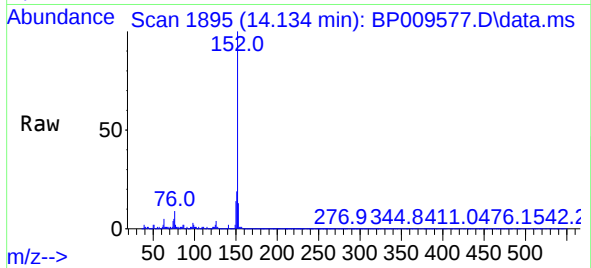
Tgt Ion:172 Resp: 3780499
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.6 27.8





#49
Acenaphthylene
Concen: 5.602 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

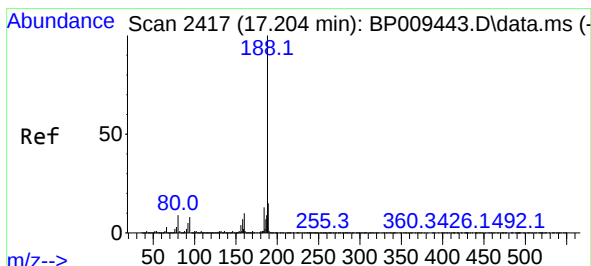
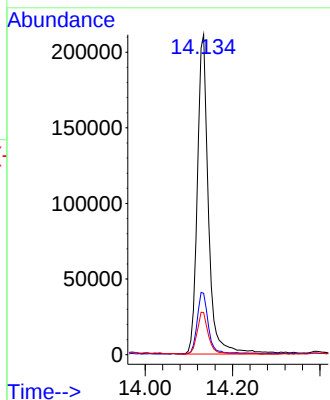
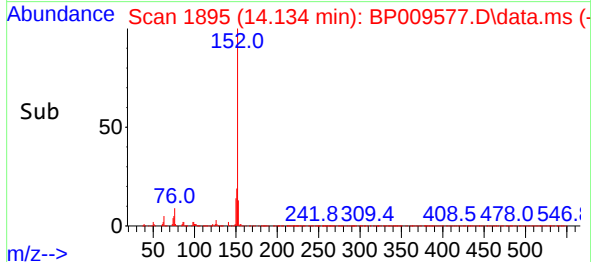
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



Tgt Ion:152 Resp: 373649
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.2 10.7 16.1

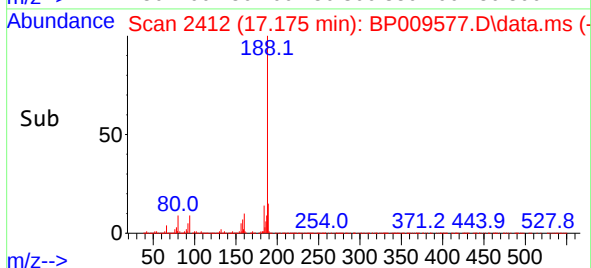
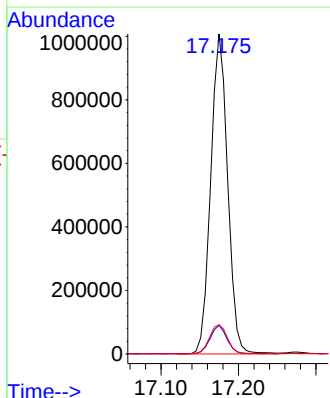
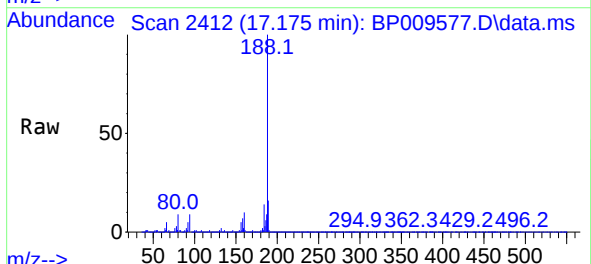
Manual Integrations
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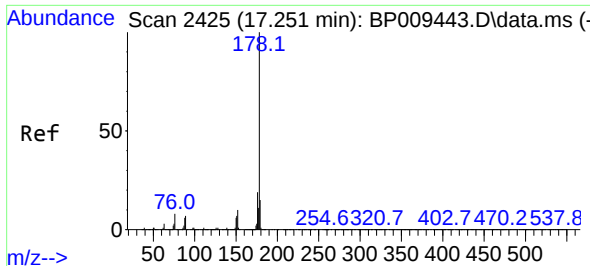
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

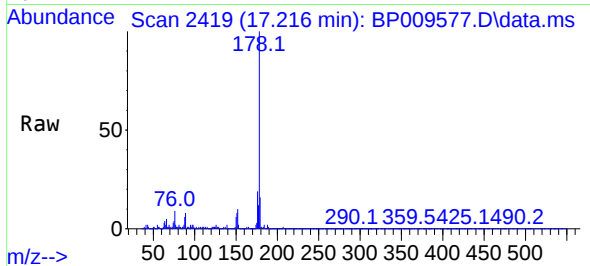
Tgt Ion:188 Resp: 1532312
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.1 8.8 13.2





#71
Phenanthrene
Concen: 6.000 ng
RT: 17.216 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

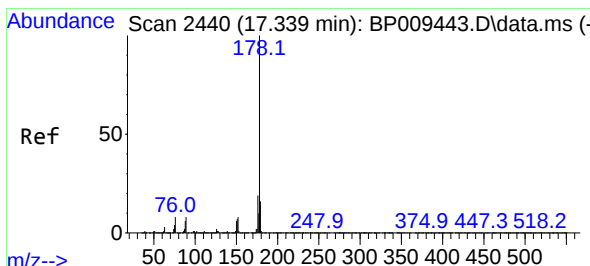
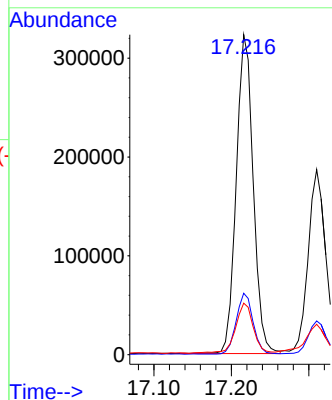
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



Tgt Ion:178 Resp: 492139
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.3 18.5

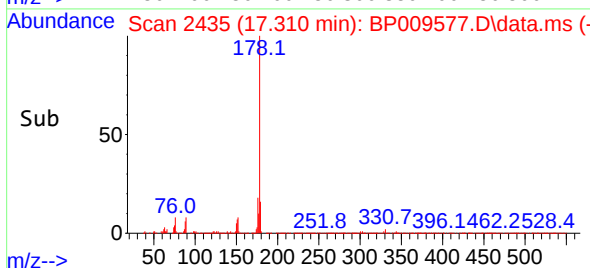
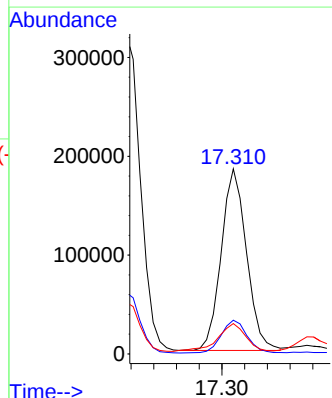
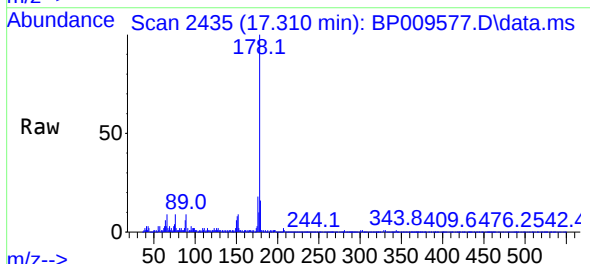
Manual Integrations
APPROVED

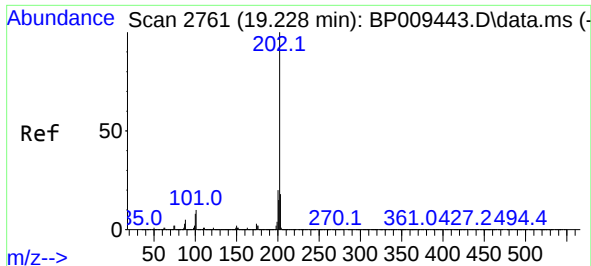
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#72
Anthracene
Concen: 3.517 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Tgt Ion:178 Resp: 284812
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 16.4 12.2 18.4





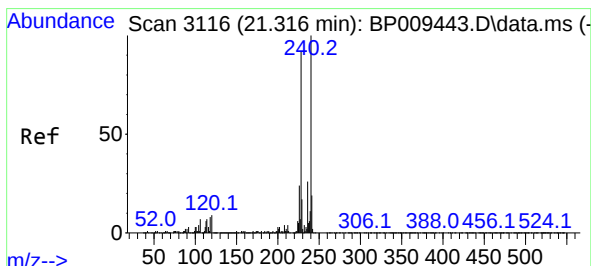
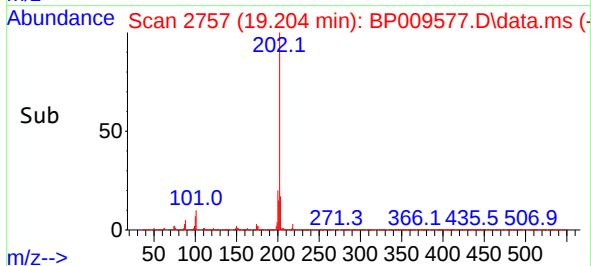
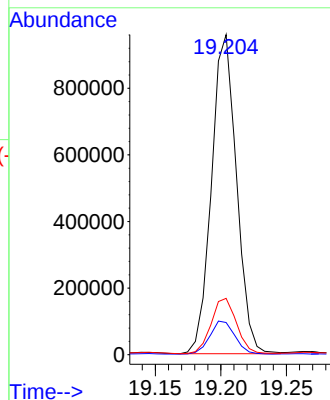
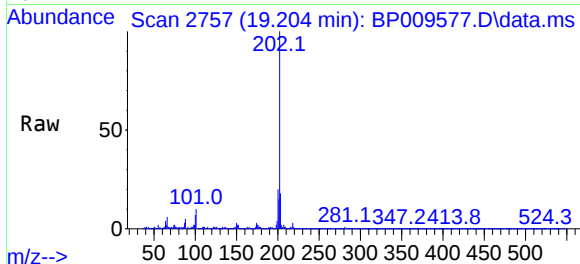
#75
Fluoranthene
Concen: 12.790 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion:202 Resp: 127010
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.6 0.0 37.8

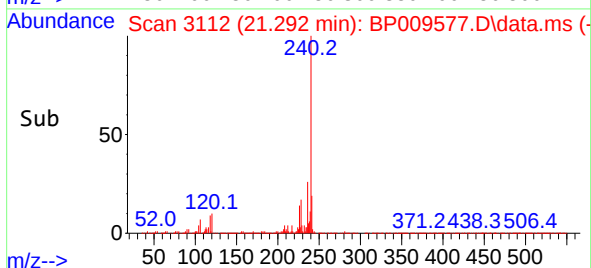
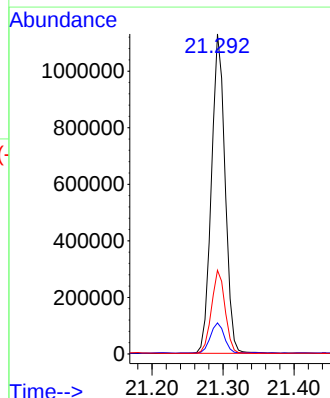
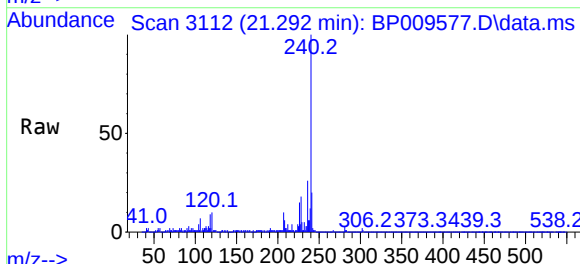
Manual Integrations
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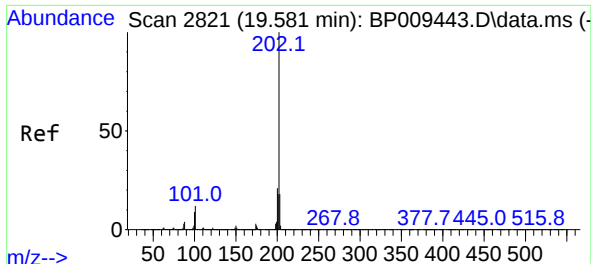
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

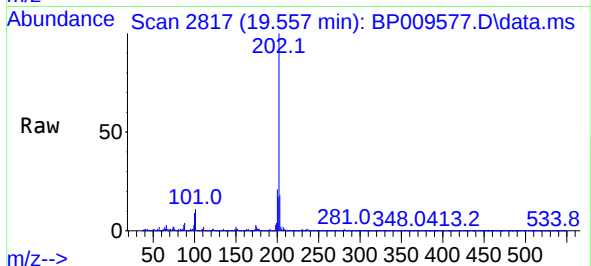
Tgt Ion:240 Resp: 1508417
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.1 20.6 30.8





#78
Pyrene
Concen: 16.067 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

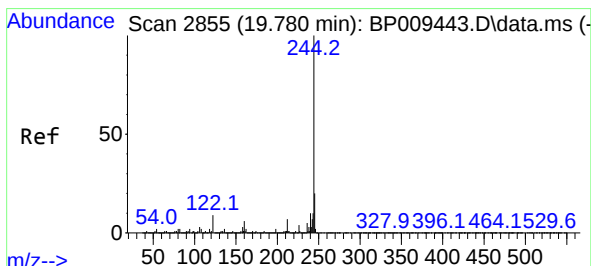
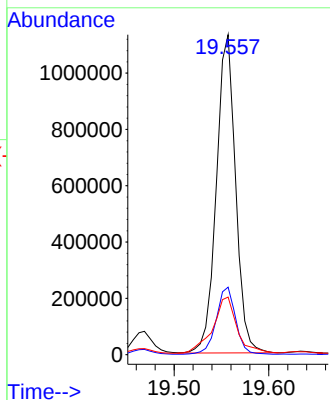
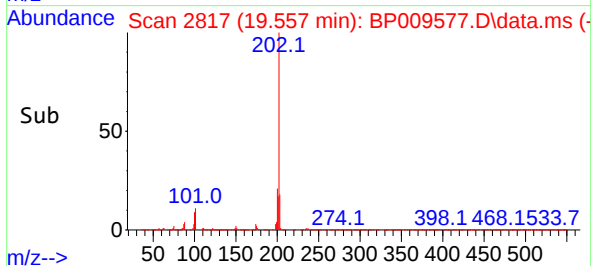
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



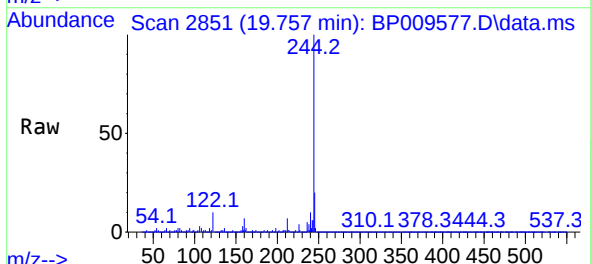
Tgt Ion:202 Resp: 159701
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.0 14.2 21.4

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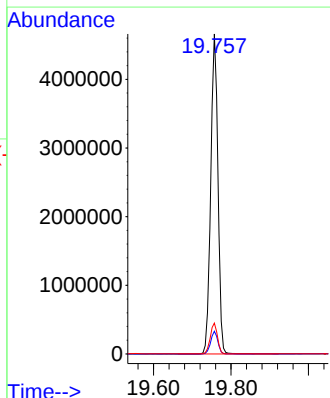
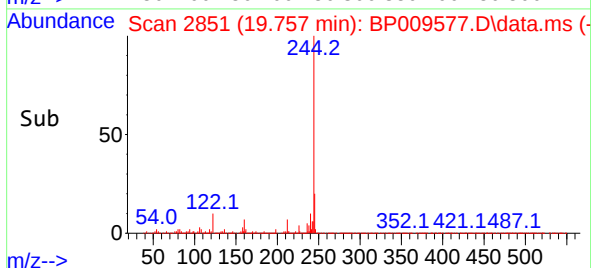
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

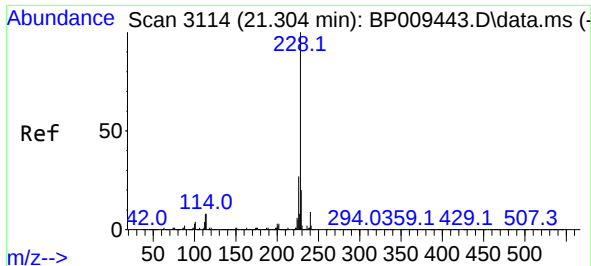


#79
Terphenyl-d14
Concen: 71.496 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43



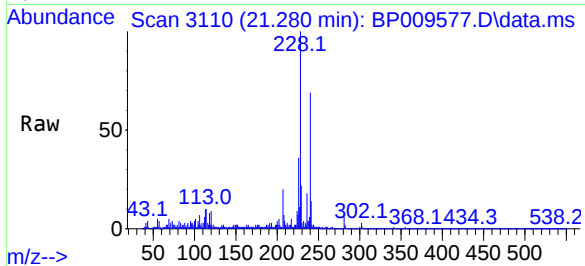
Tgt Ion:244 Resp: 6008451
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.7 8.3 12.5





#81
Benzo(a)anthracene
Concen: 8.374 ng m
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

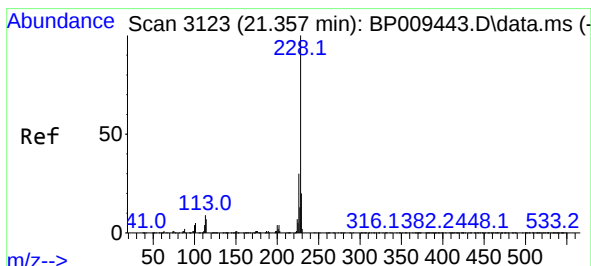
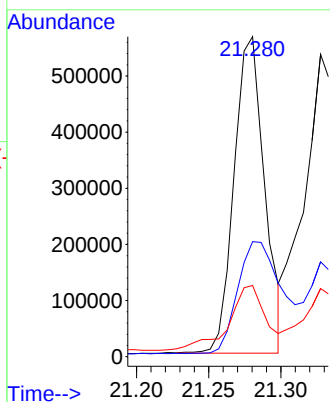
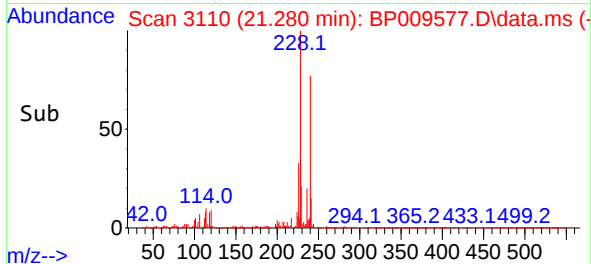
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



Tgt Ion:228 Resp: 82986
Ion Ratio Lower Upper
228 100
226 36.0 22.0 33.0
229 22.2 16.1 24.1

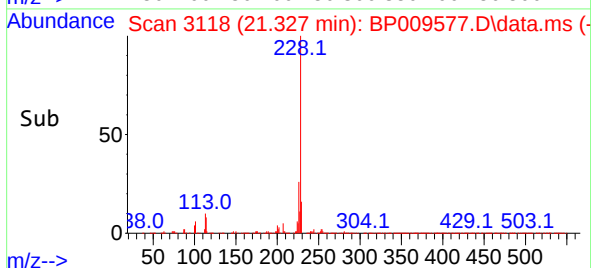
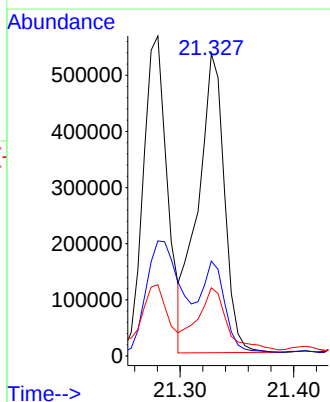
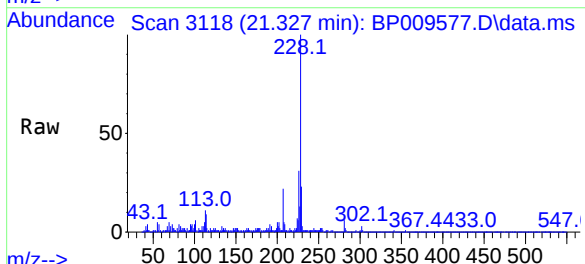
Manual Integrations
APPROVED

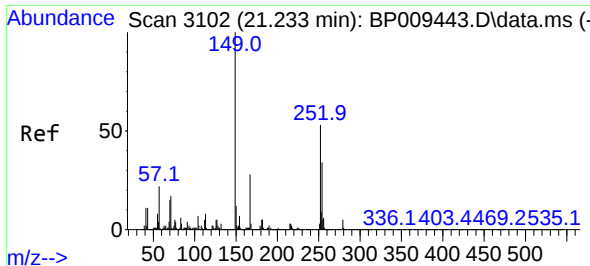
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#83
Chrysene
Concen: 9.277 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

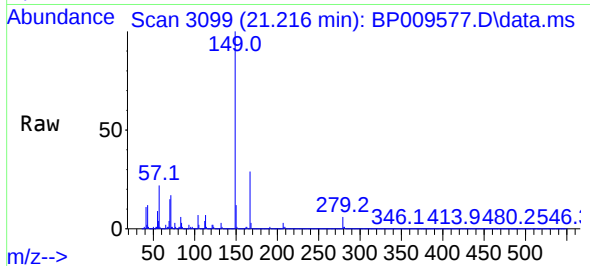
Tgt Ion:228 Resp: 870525
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 22.6 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 66.362 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

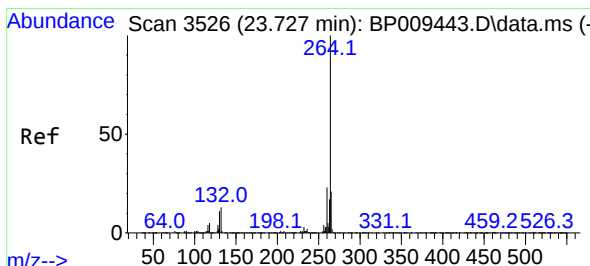
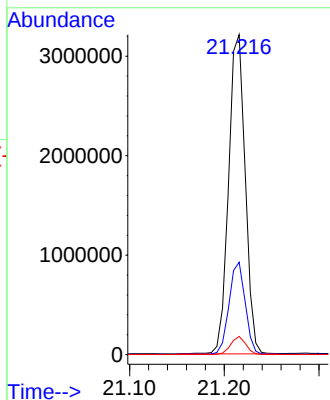
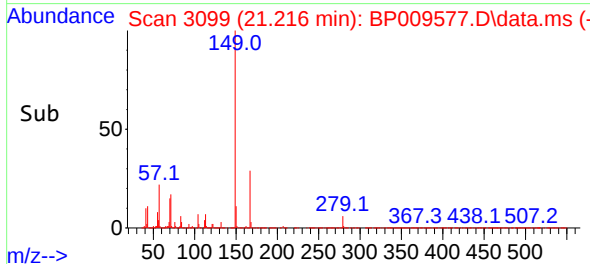
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



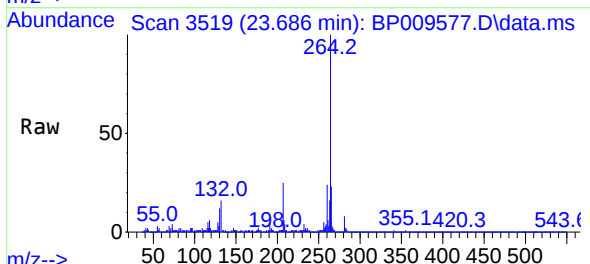
Tgt Ion:149 Resp: 390795
Ion Ratio Lower Upper
149 100
167 28.9 22.6 33.8
279 5.7 3.8 5.6

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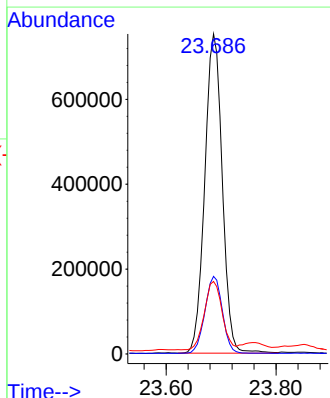
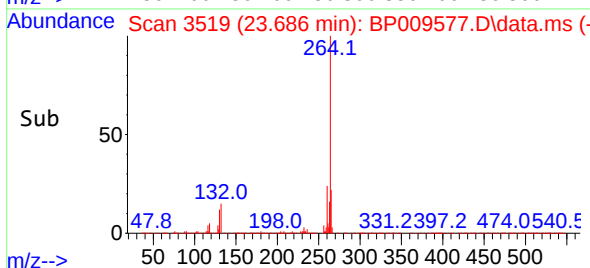
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

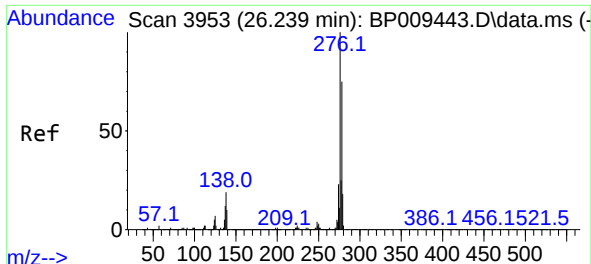


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43



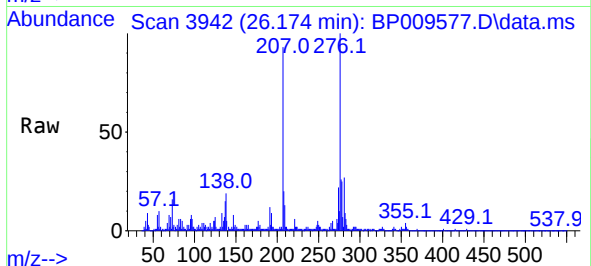
Tgt Ion:264 Resp: 1667163
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 22.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.121 ng
RT: 26.174 min Scan# 3942
Delta R.T. -0.024 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

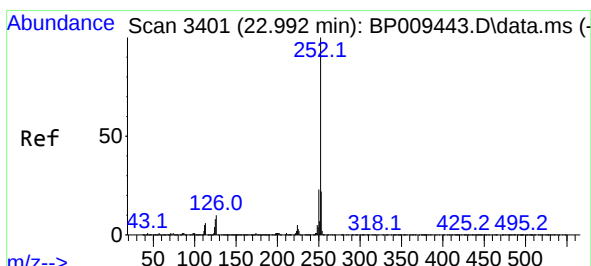
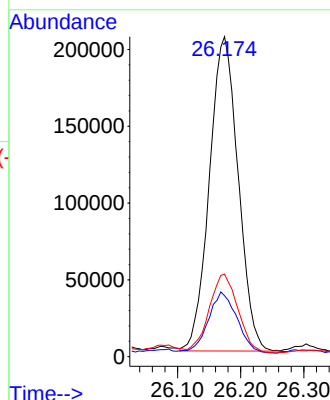
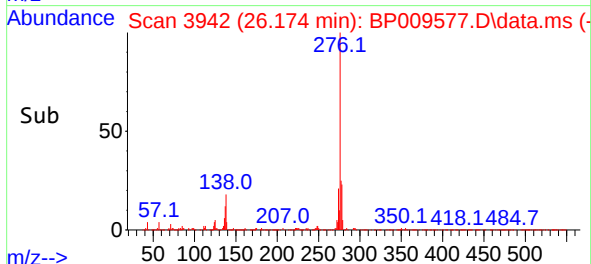
Instrument :
BNA_P
ClientSampleId :
CHRT-2001



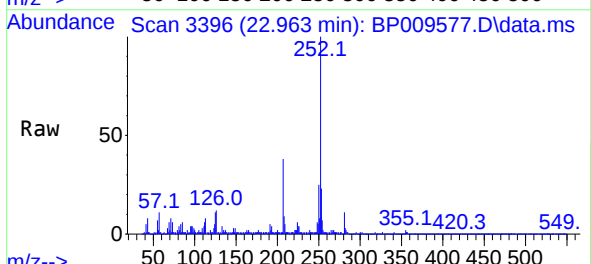
Tgt Ion:276 Resp: 64766
Ion Ratio Lower Upper
276 100
138 19.5 20.5 30.7
277 25.1 20.4 30.6

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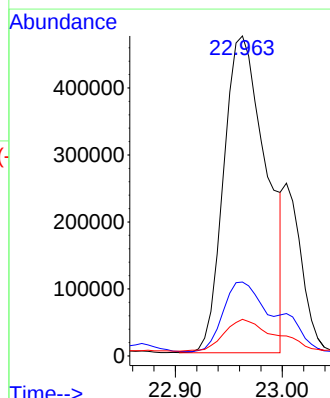
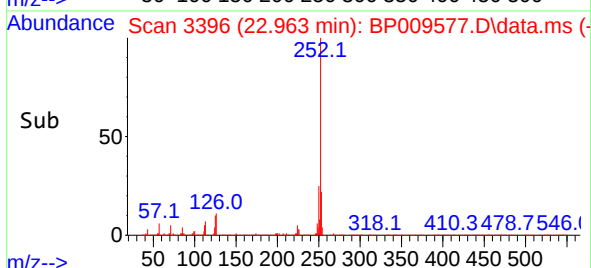
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

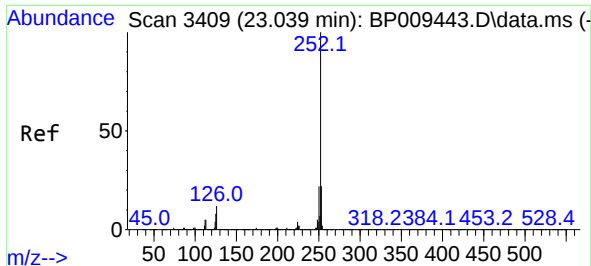


#88
Benzo(b)fluoranthene
Concen: 13.157 ng m
RT: 22.963 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43



Tgt Ion:252 Resp: 1309467
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.5 8.1 12.1





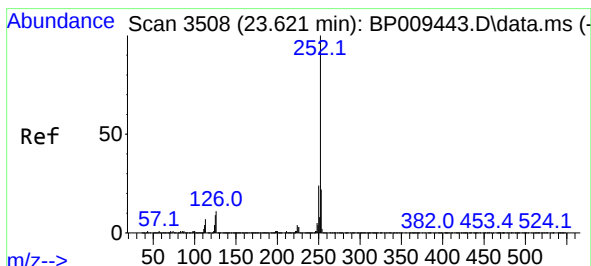
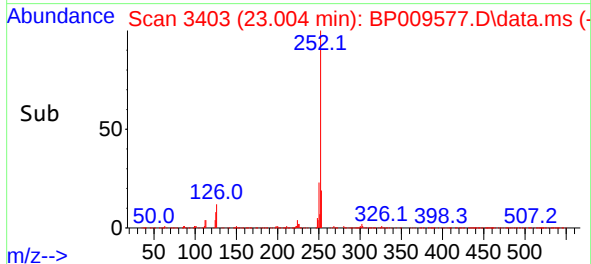
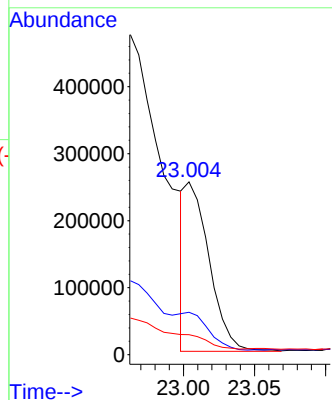
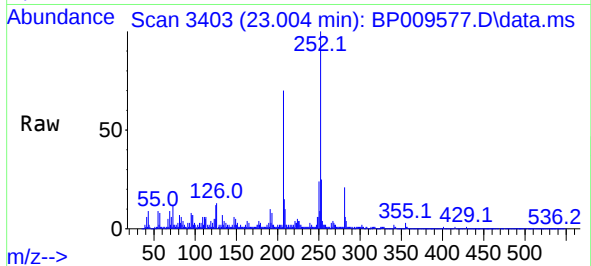
#89
Benzo(k)fluoranthene
Concen: 3.023 ng m
RT: 23.004 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001

Tgt Ion:252 Resp: 294560
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 11.6 8.3 12.5

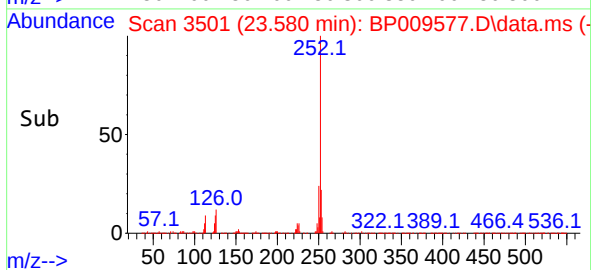
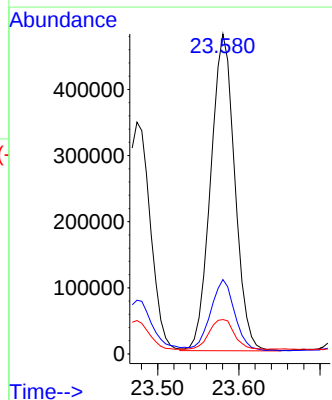
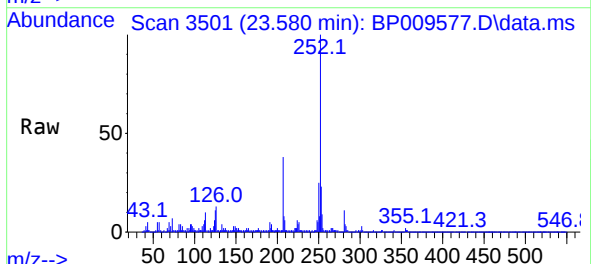
Manual Integrations
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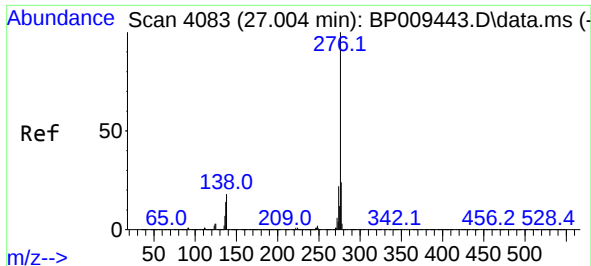
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#90
Benzo(a)pyrene
Concen: 11.596 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

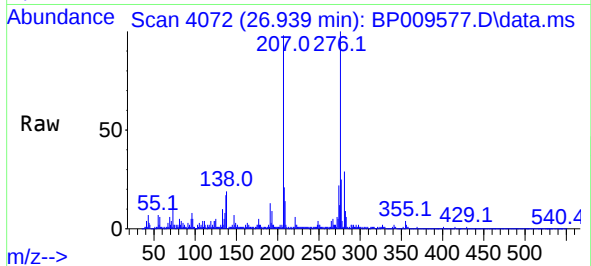
Tgt Ion:252 Resp: 987443
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.8 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 6.738 ng
RT: 26.939 min Scan# 4083
Delta R.T. -0.012 min
Lab File: BP009577.D
Acq: 28 Mar 2022 21:43

Instrument :
BNA_P
ClientSampleId :
CHRT-2001



Tgt Ion: 276 Resp: 698750
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 19.4 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 03/29/2022
Supervised By : Jagrut Upadhyay 03/29/2022

