

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
 Data File : BP008761.D
 Acq On : 10 Jan 2022 21:26
 Operator : CG/JU
 Sample : N1069-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PX-1-010522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 03:20:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 07:45:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	287107	20.000	ng	-0.01
21) Naphthalene-d8	10.669	136	1061153	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	881576	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	1897507	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	2046865	20.000	ng	-0.01
86) Perylene-d12	23.769	264	2187990	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	700706	38.219	ng	-0.01
7) Phenol-d6	7.034	99	830943	33.761	ng	-0.02
23) Nitrobenzene-d5	9.022	82	520580	27.783	ng	-0.01
42) 2,4,6-Tribromophenol	15.993	330	501239	33.701	ng	-0.02
45) 2-Fluorobiphenyl	13.128	172	1675182	26.715	ng	-0.01
79) Terphenyl-d14	19.816	244	2710849	26.989	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	1791057	16.989	ng	98
72) Anthracene	17.392	178	370295	3.439	ng	99
73) Carbazole	17.663	167	222959	2.260	ng	100
75) Fluoranthene	19.269	202	3739272	29.619	ng	97
78) Pyrene	19.622	202	3273201	24.456	ng	98
81) Benzo(a)anthracene	21.333	228	1840714	13.708	ng	98
83) Chrysene	21.380	228	1696286m	13.095	ng	
87) Indeno(1,2,3-cd)pyrene	26.292	276	1266794	7.246	ng	96
88) Benzo(b)fluoranthene	23.033	252	2401849	16.801	ng	99
89) Benzo(k)fluoranthene	23.074	252	856342m	6.400	ng	
90) Benzo(a)pyrene	23.663	252	1767759	12.793	ng	99
91) Dibenzo(a,h)anthracene	26.298	278	310645m	2.103	ng	
92) Benzo(g,h,i)perylene	27.063	276	1244803	8.489	ng	100

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

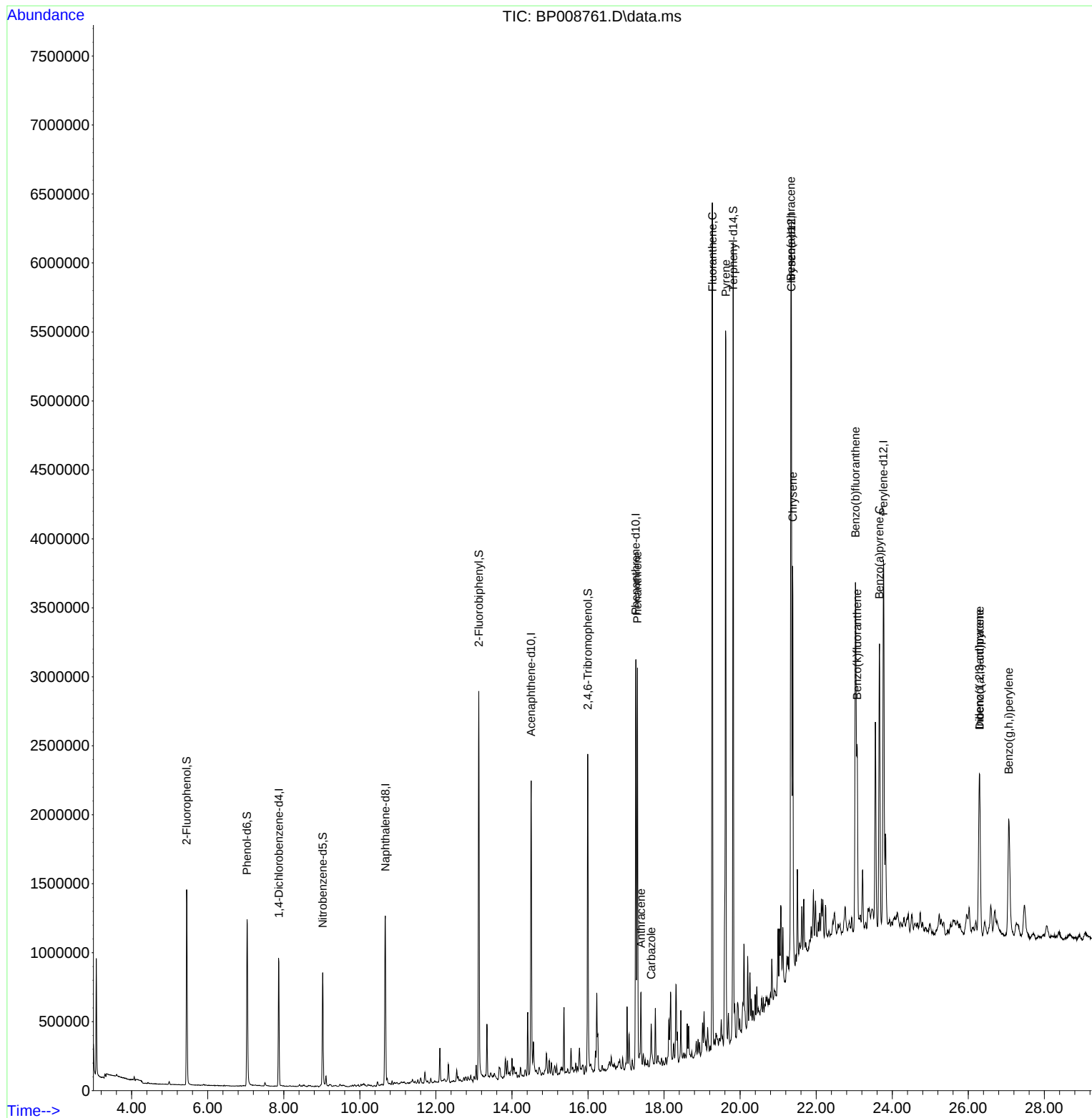
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
Data File : BP008761.D
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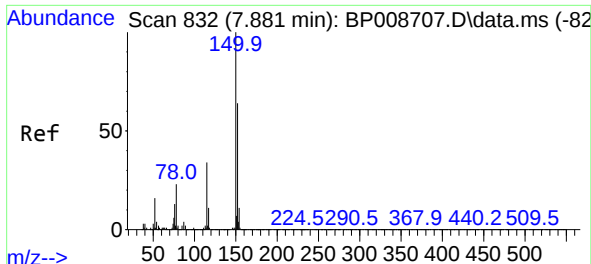
Instrument :
BNA_P
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PX-1-010522

Quant Time: Jan 11 03:20:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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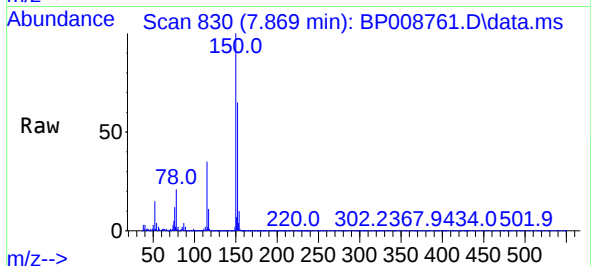
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

ClientSampleId :

PX-1-010522

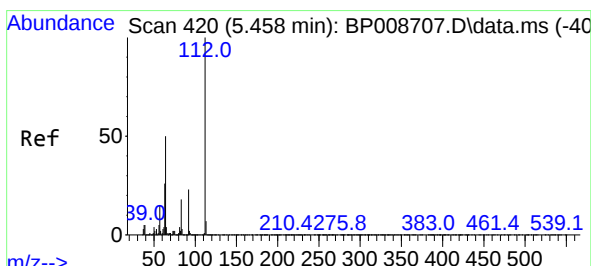
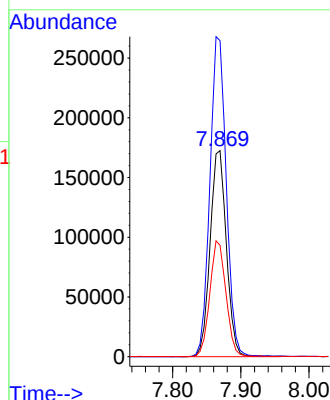
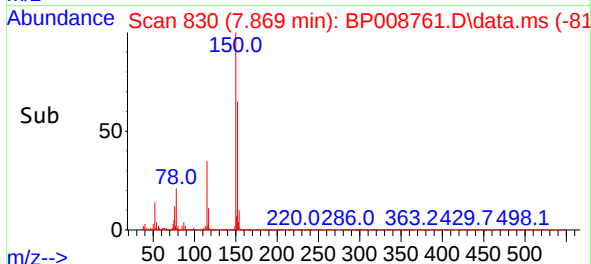


Tgt Ion:152 Resp: 28710
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 54.1 43.7 65.5

Manual Integrations

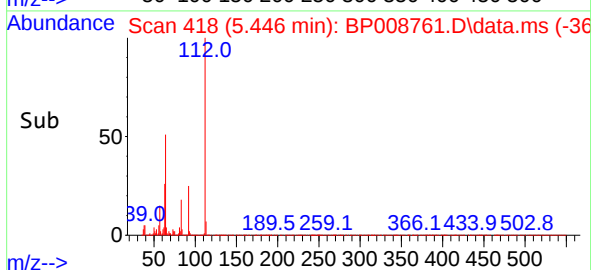
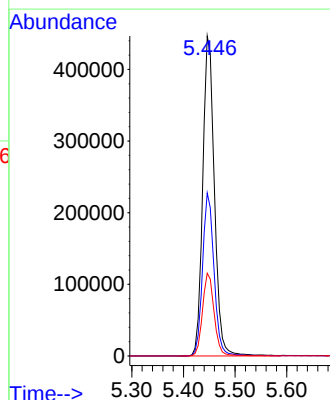
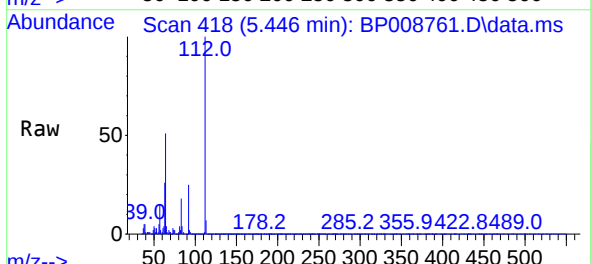
APPROVED

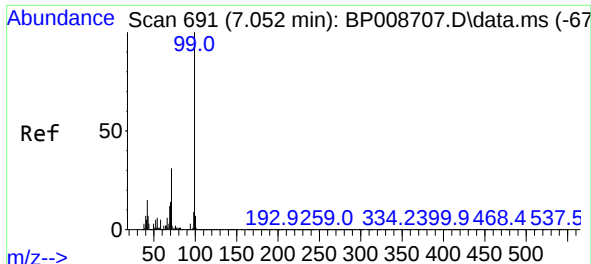
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#5
2-Fluorophenol
Concen: 38.219 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:112 Resp: 700706
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 25.9 20.0 30.0





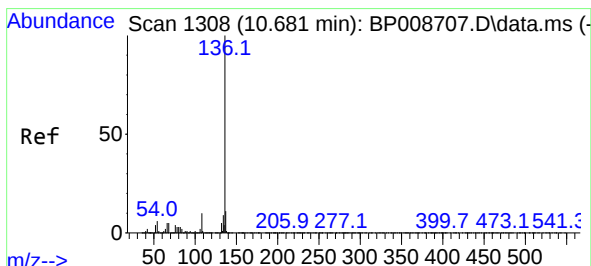
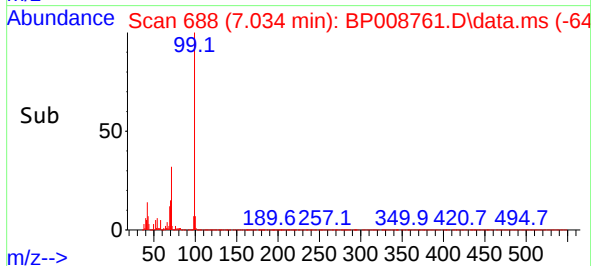
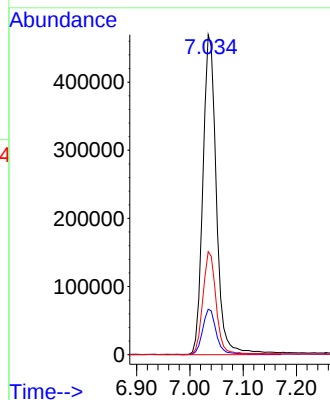
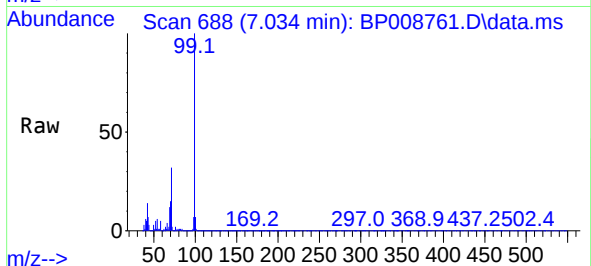
#7
Phenol-d6
Concen: 33.761 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Tgt Ion: 99 Resp: 83094
Ion Ratio Lower Upper
99 100
42 14.2 10.8 16.2
71 32.2 23.8 35.6

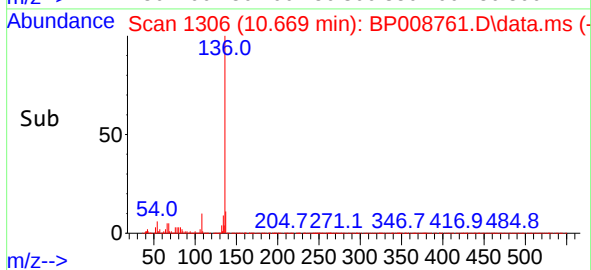
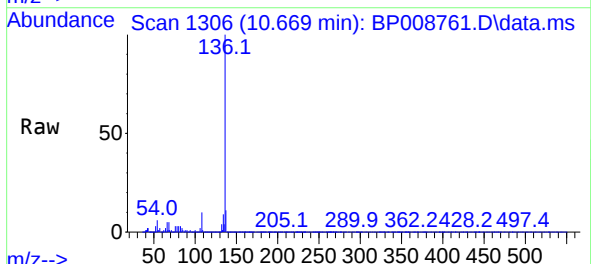
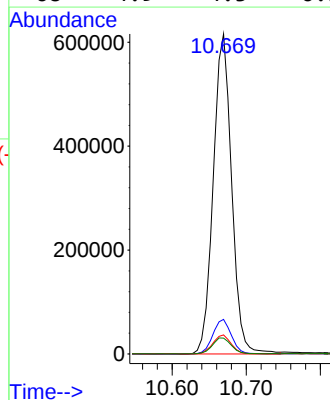
Manual Integrations
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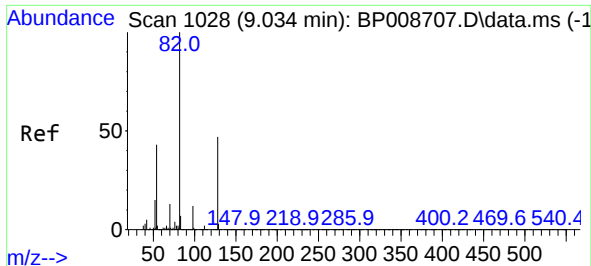
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:136 Resp: 1061153
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.9 4.9 7.3
68 4.9 4.3 6.5





#23
Nitrobenzene-d5
Concen: 27.783 ng
RT: 9.022 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

ClientSampleId :

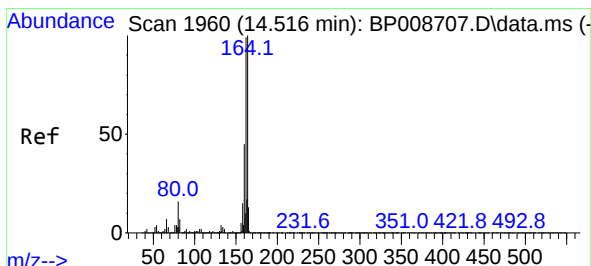
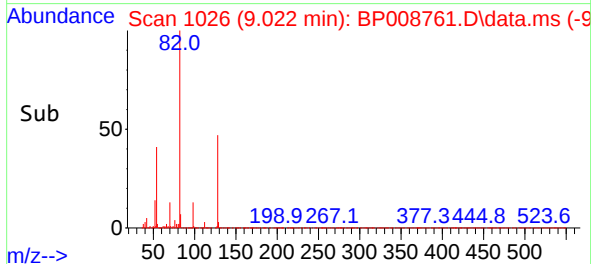
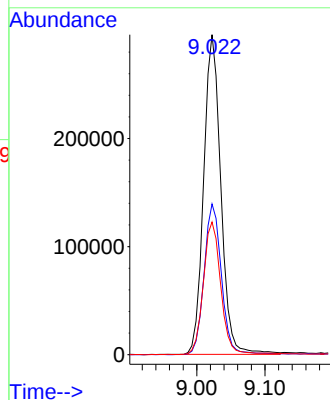
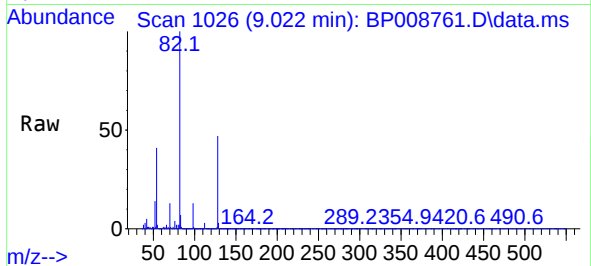
PX-1-010522

Tgt Ion: 82 Resp: 520580
Ion Ratio Lower Upper
82 100
128 47.1 39.4 59.2
54 41.5 32.6 48.8

Manual Integrations

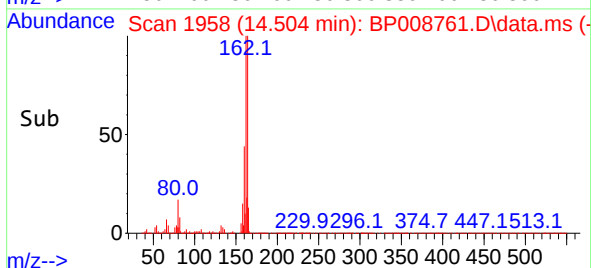
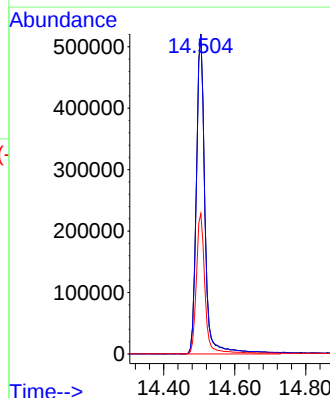
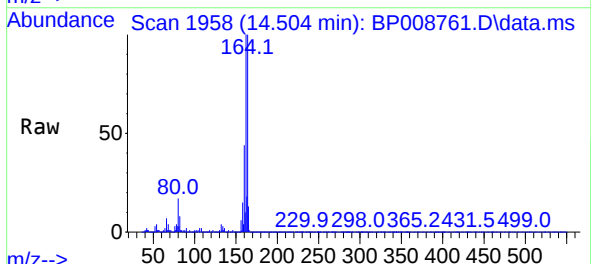
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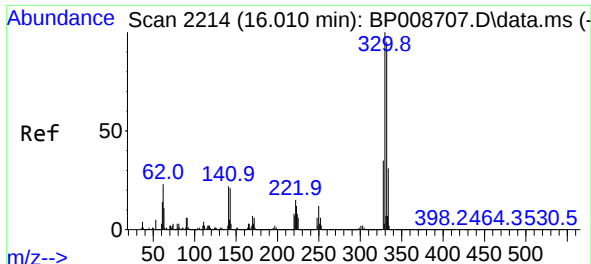
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:164 Resp: 881576
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 43.9 35.5 53.3





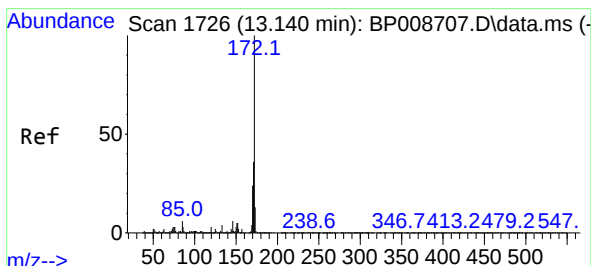
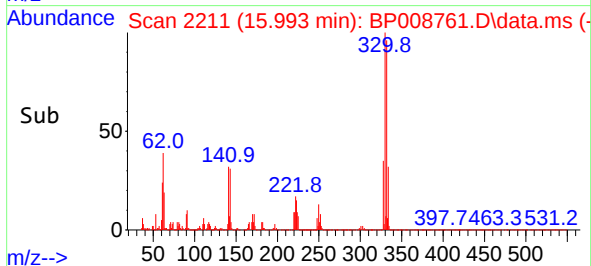
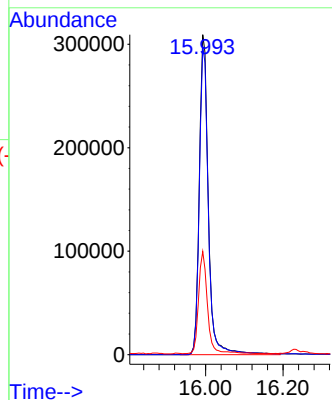
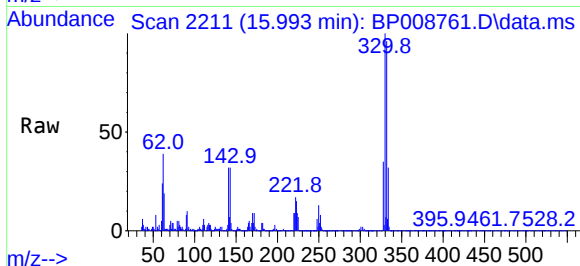
#42
2,4,6-Tribromophenol
Concen: 33.701 ng
RT: 15.993 min Scan# 211
Delta R.T. -0.017 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Tgt Ion:330 Resp: 501239
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 31.0 21.3 31.9

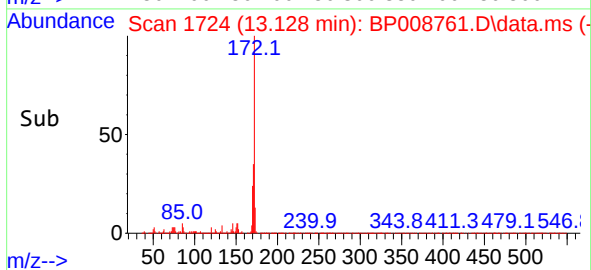
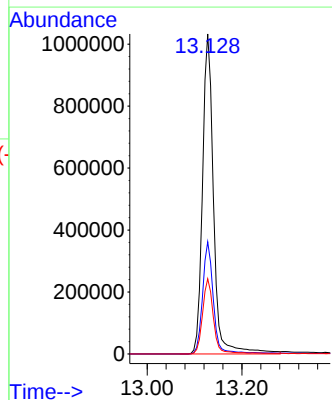
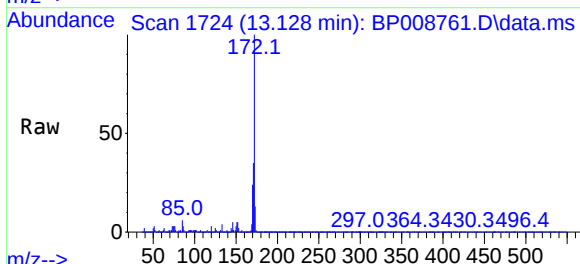
Manual Integrations
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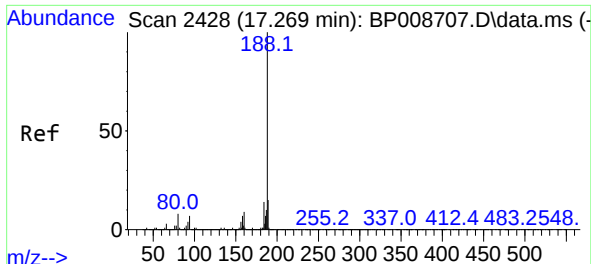
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#45
2-Fluorobiphenyl
Concen: 26.715 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:172 Resp: 1675182
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.5 19.5 29.3





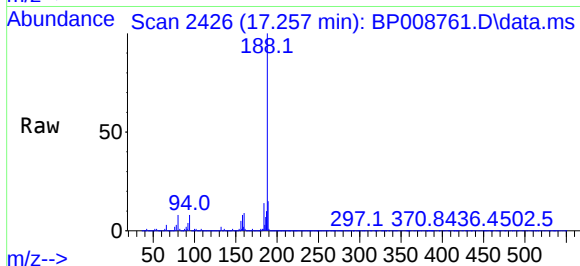
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

ClientSampleId :

PX-1-010522



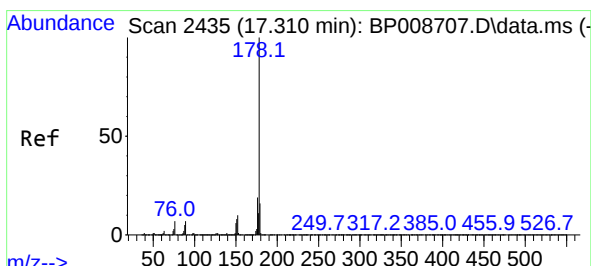
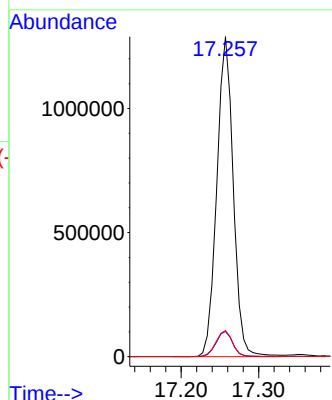
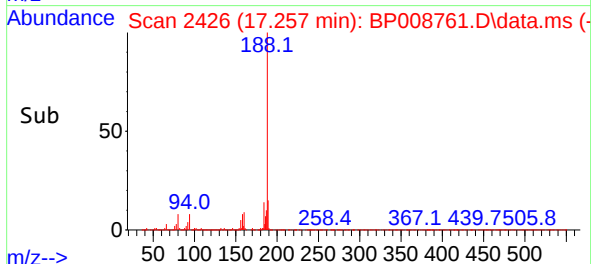
Tgt Ion:188 Resp: 189750
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.2 7.2 10.8

Manual Integrations

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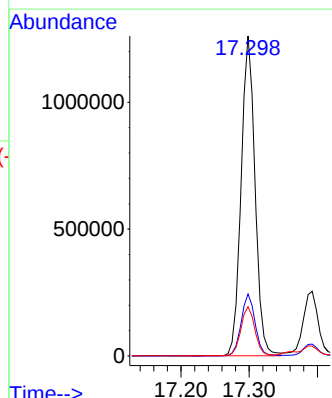
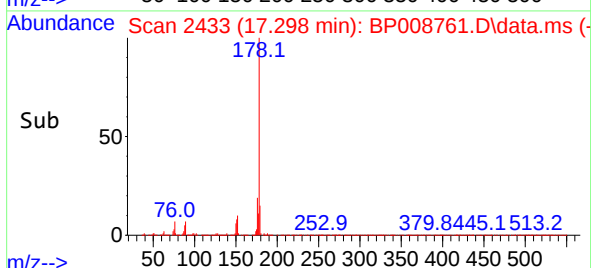
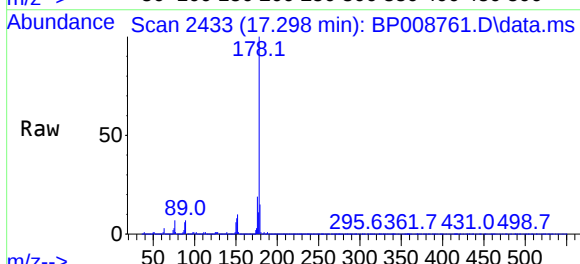
Reviewed By :Christian Giraldo 01/11/2022

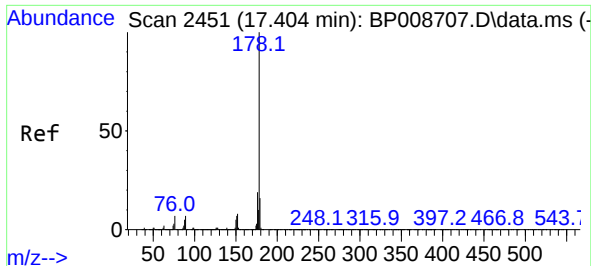
Supervised By :Jagrut Upadhyay 01/11/2022



#71
Phenanthrene
Concen: 16.989 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:178 Resp: 1791057
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.4 13.0 19.4





#72
 Anthracene
 Concen: 3.439 ng
 RT: 17.392 min Scan# 2449
 Delta R.T. -0.012 min
 Lab File: BP008761.D
 Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

ClientSampleId :

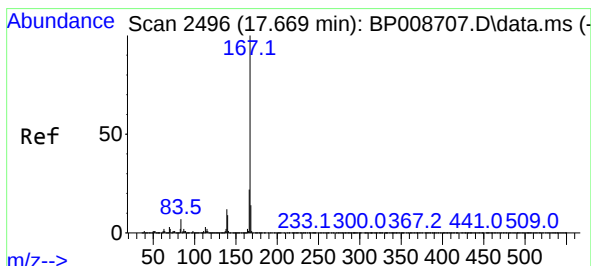
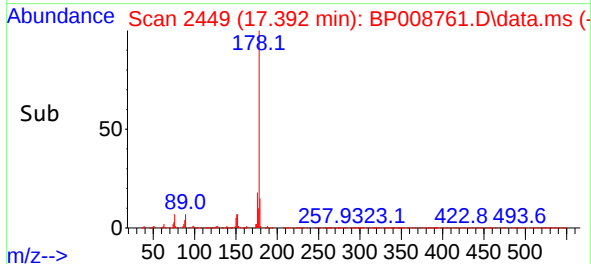
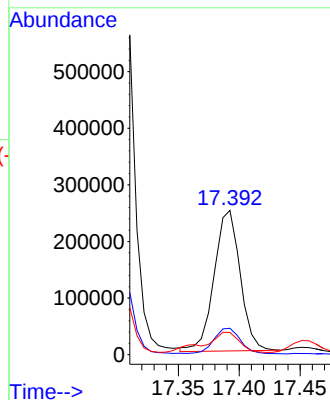
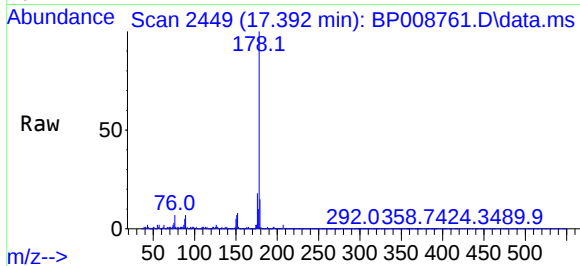
PX-1-010522

Tgt Ion:178 Resp: 370295
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.4 12.8 19.2

Manual Integrations

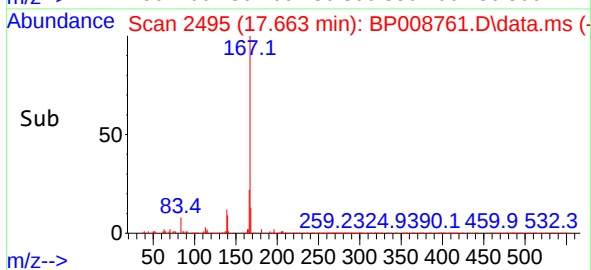
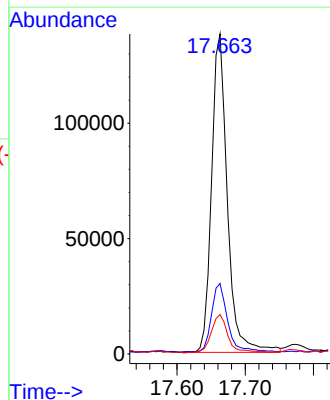
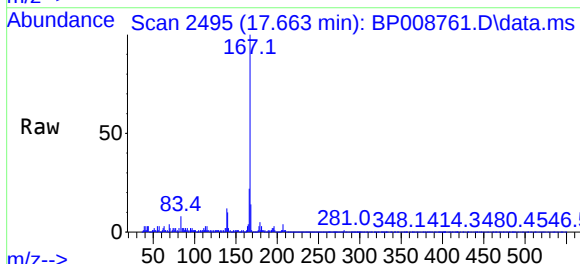
APPROVED

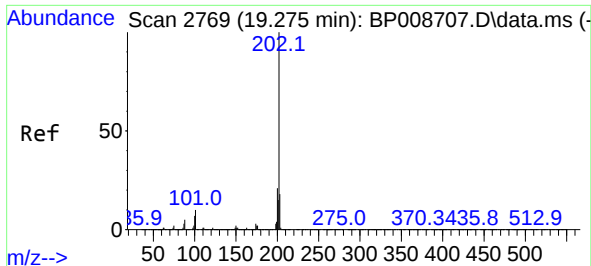
Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022



#73
 Carbazole
 Concen: 2.260 ng
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP008761.D
 Acq: 10 Jan 2022 21:26

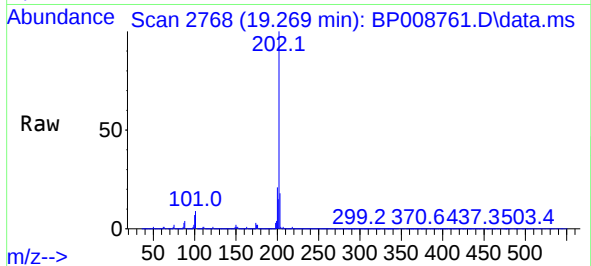
Tgt Ion:167 Resp: 222959
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.3 9.8 14.6





#75
Fluoranthene
Concen: 29.619 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

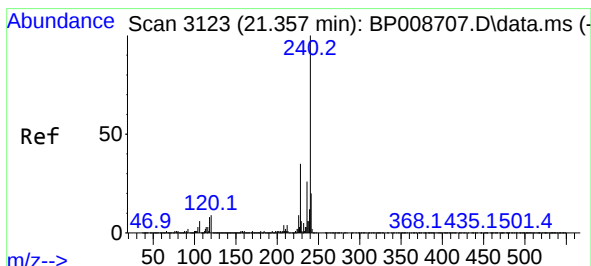
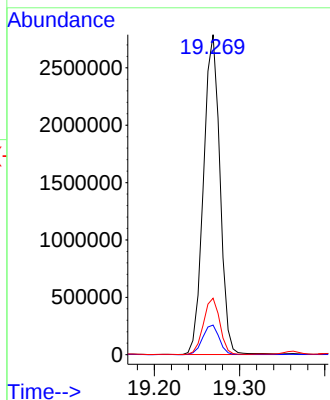
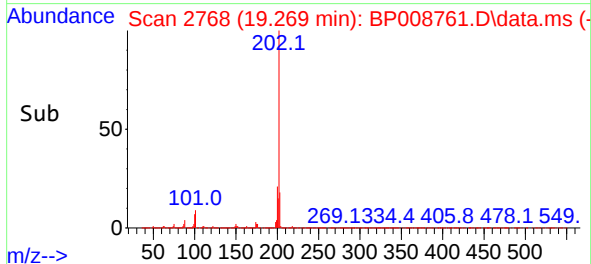
Instrument :
BNA_P
ClientSampleId :
PX-1-010522



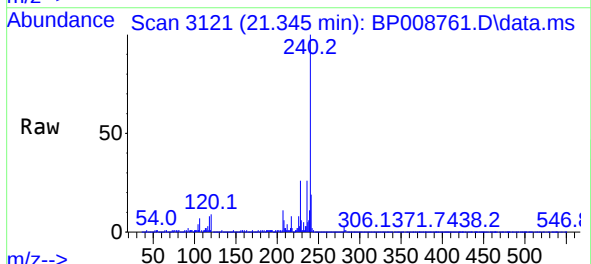
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Ion Ratio Lower Upper
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101 9.3 0.0 30.7
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Manual Integrations
APPROVED

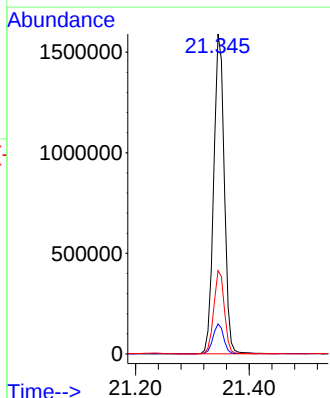
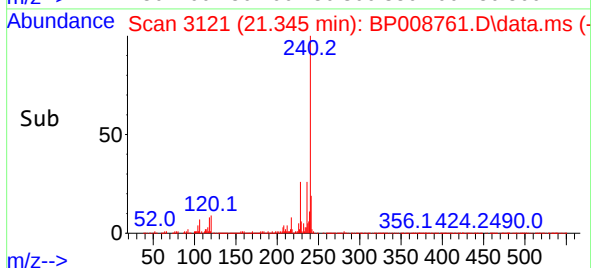
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

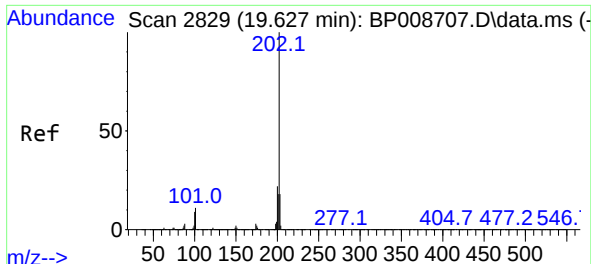


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26



Tgt Ion:240 Resp: 2046865
Ion Ratio Lower Upper
240 100
120 9.4 7.7 11.5
236 26.1 21.2 31.8





#78
Pyrene
Concen: 24.456 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

ClientSampleId :

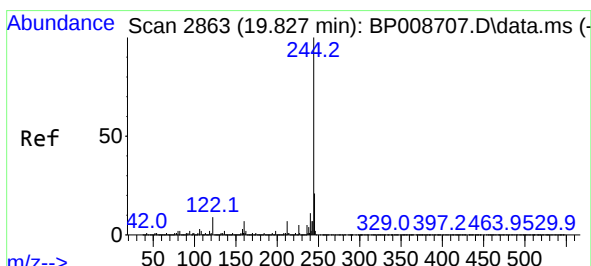
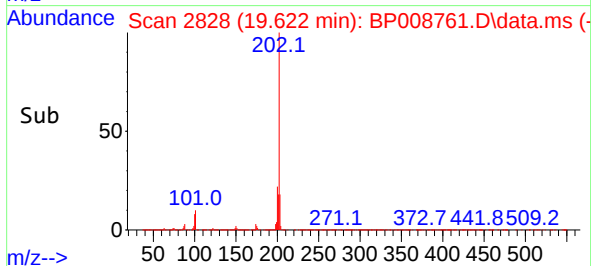
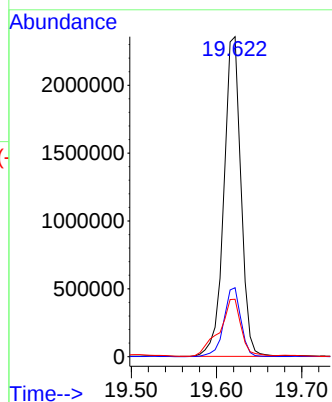
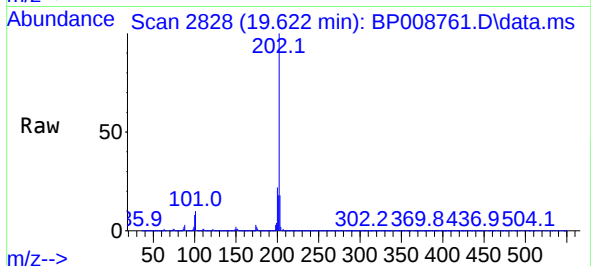
PX-1-010522

Tgt Ion:202 Resp: 327320
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 18.0 15.0 22.6

Manual Integrations

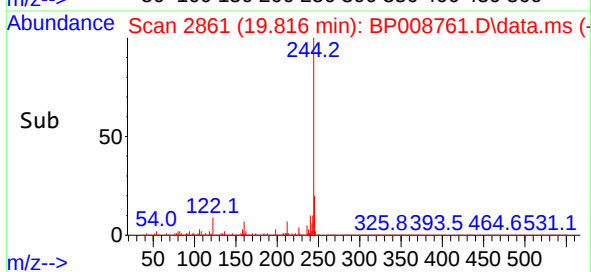
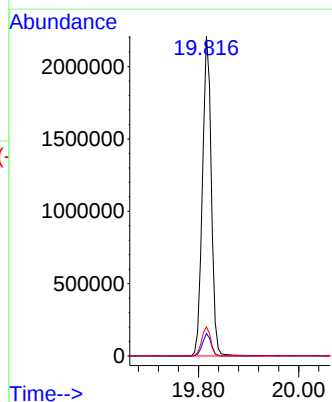
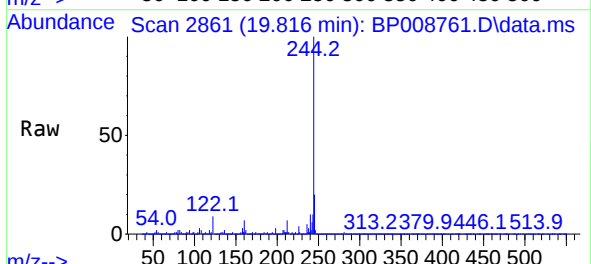
APPROVED

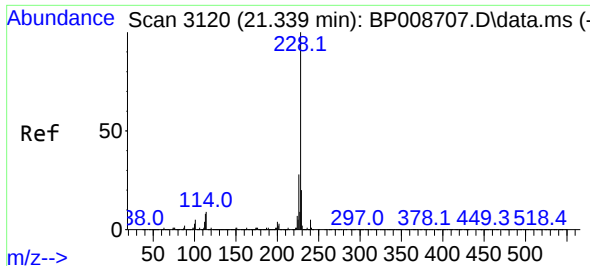
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#79
Terphenyl-d14
Concen: 26.989 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:244 Resp: 2710849
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 9.1 9.2 13.8#





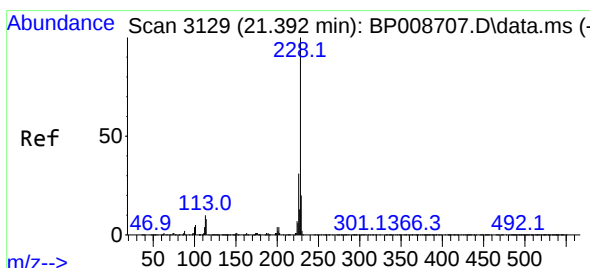
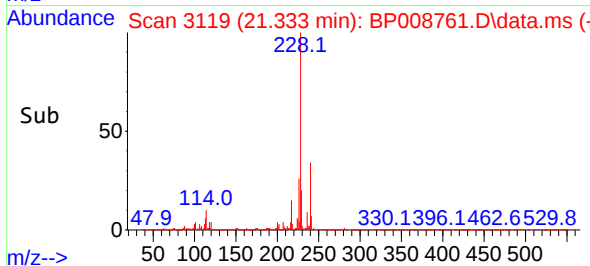
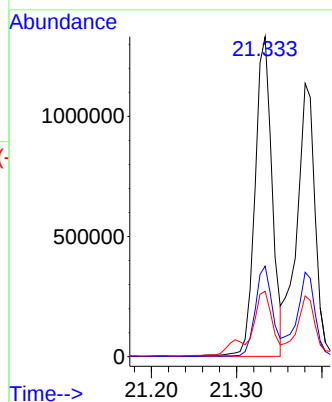
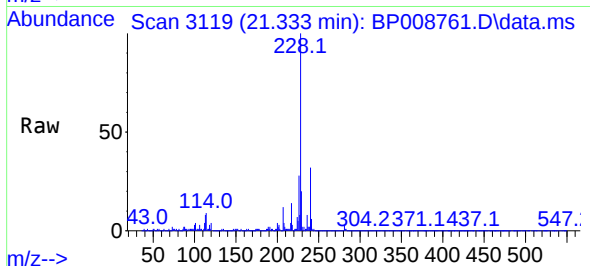
#81
Benzo(a)anthracene
Concen: 13.708 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :
BNA_P
ClientSampleId :
PX-1-010522

Tgt Ion:228 Resp: 1840714
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 20.4 17.0 25.6

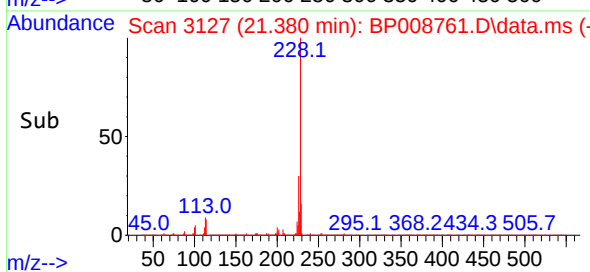
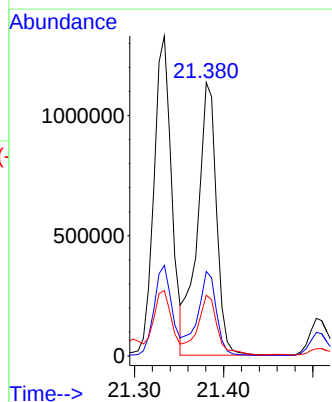
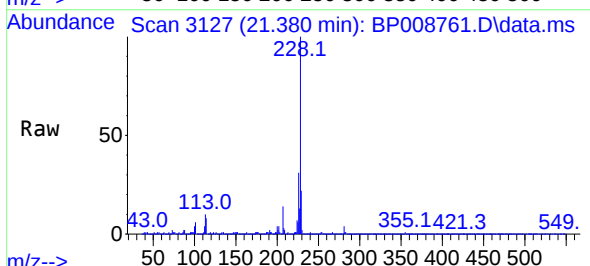
Manual Integrations
APPROVED

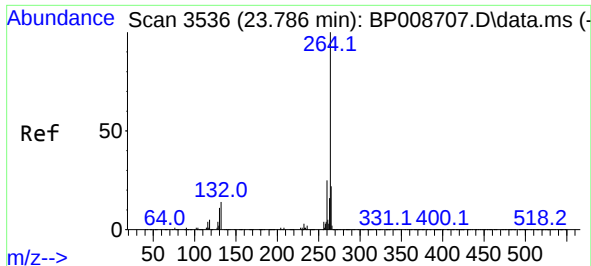
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#83
Chrysene
Concen: 13.095 ng m
RT: 21.380 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

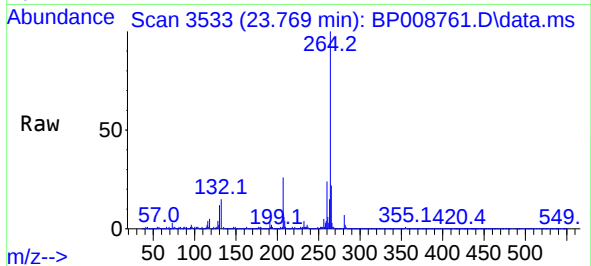
Tgt Ion:228 Resp: 1696286
Ion Ratio Lower Upper
228 100
226 30.9 26.0 39.0
229 22.3 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3533
Delta R.T. -0.017 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

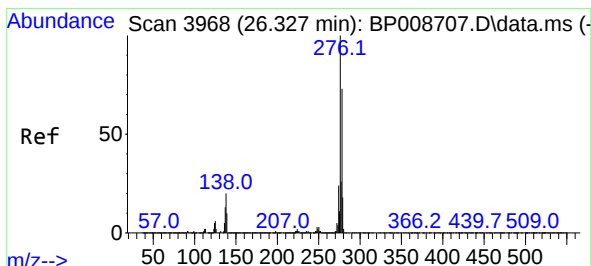
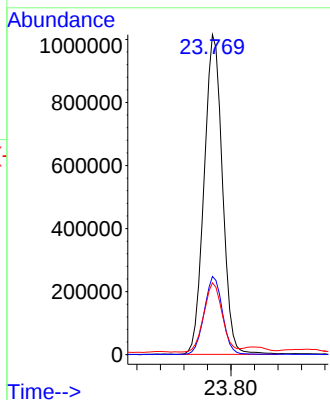
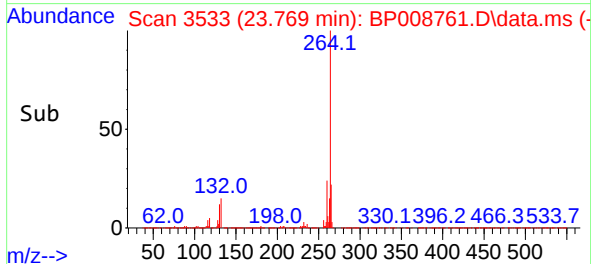
Instrument :
BNA_P
ClientSampleId :
PX-1-010522



Tgt Ion:264 Resp: 2187990
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.4 17.1 25.7

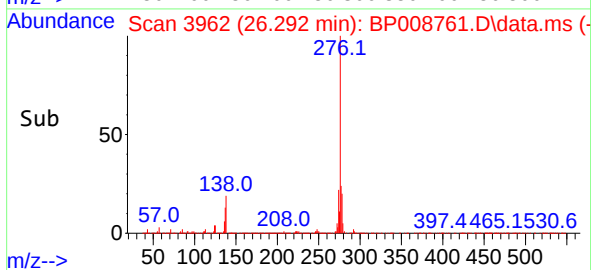
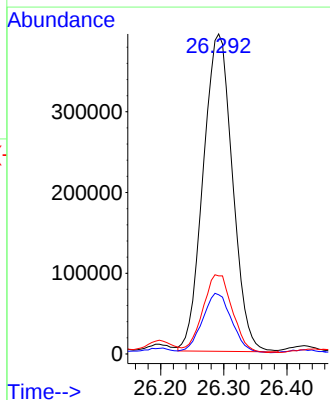
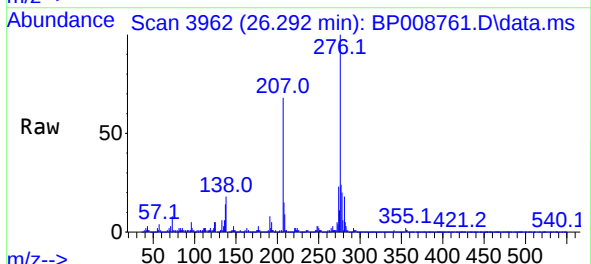
Manual Integrations
APPROVED

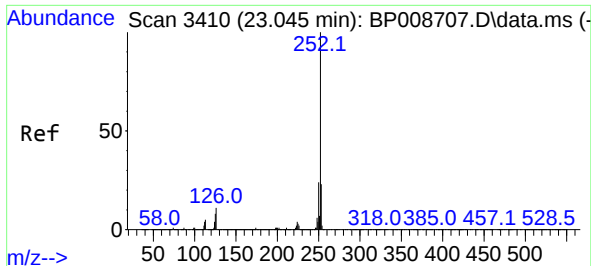
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.246 ng
RT: 26.292 min Scan# 3962
Delta R.T. -0.035 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

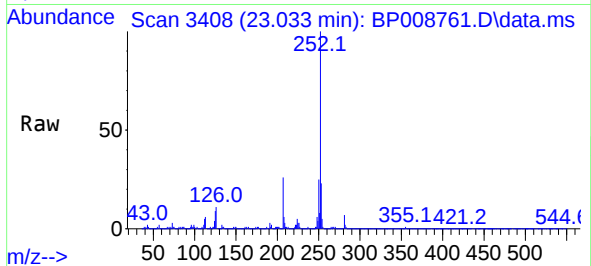
Tgt Ion:276 Resp: 1266794
Ion Ratio Lower Upper
276 100
138 18.7 17.8 26.6
277 24.6 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 16.801 ng
RT: 23.033 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

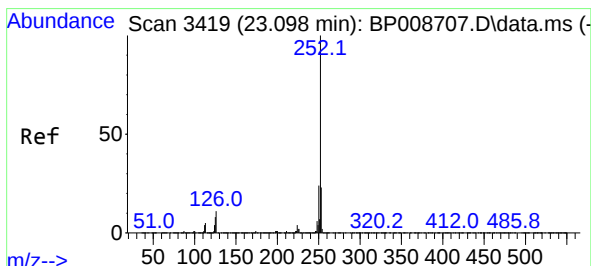
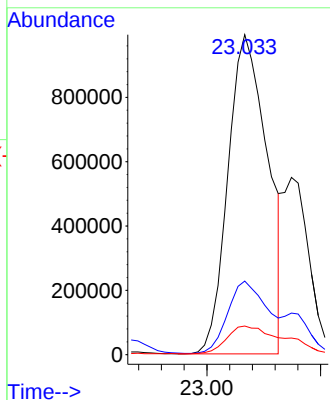
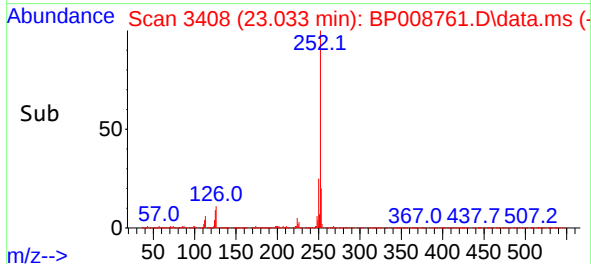
Instrument :
BNA_P
ClientSampleId :
PX-1-010522



Tgt Ion:252 Resp: 2401849
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 9.0 6.9 10.3

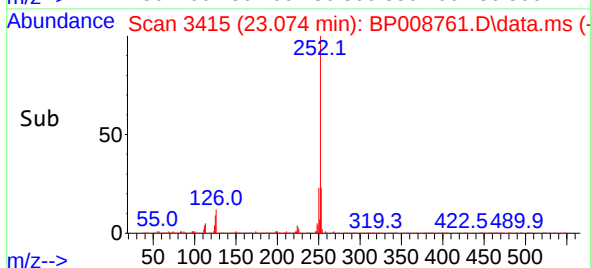
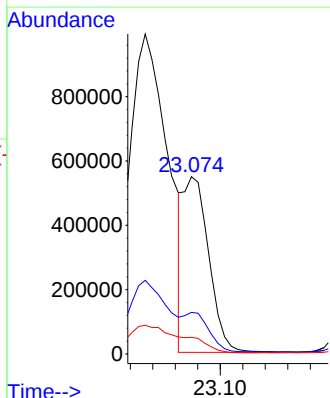
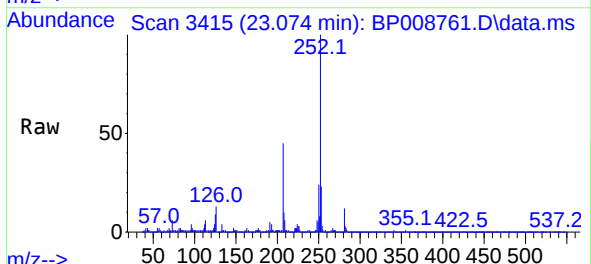
Manual Integrations
APPROVED

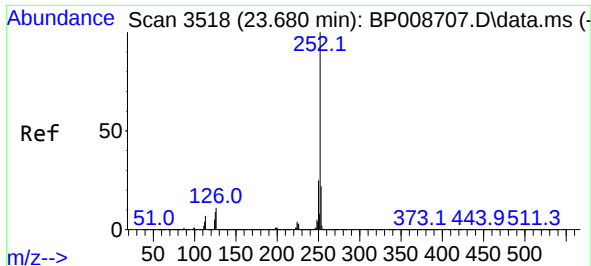
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#89
Benzo(k)fluoranthene
Concen: 6.400 ng m
RT: 23.074 min Scan# 3415
Delta R.T. -0.023 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Tgt Ion:252 Resp: 856342
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 9.4 7.3 10.9





#90
Benzo(a)pyrene
Concen: 12.793 ng
RT: 23.663 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

Instrument :

BNA_P

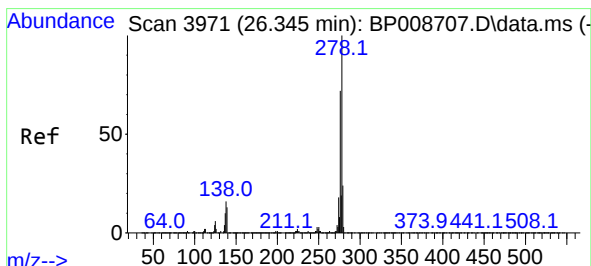
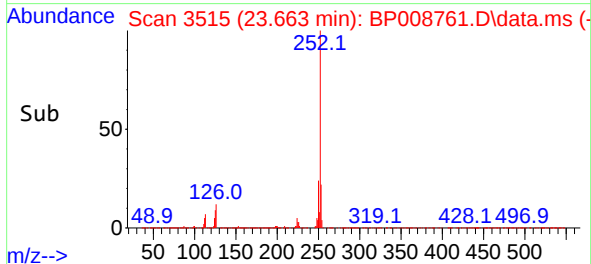
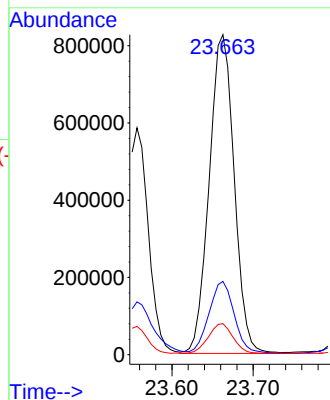
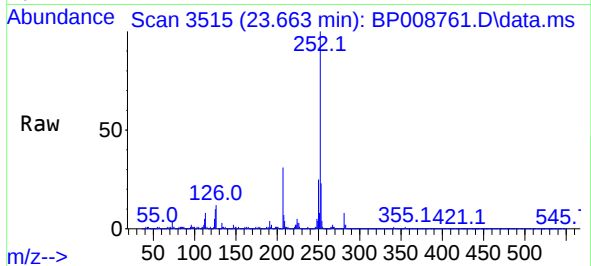
ClientSampleId :

PX-1-010522

Tgt Ion:252 Resp: 176775
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.7 7.8 11.6

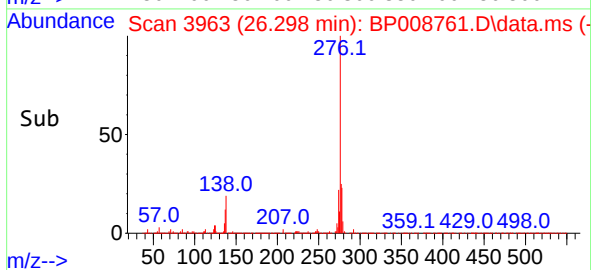
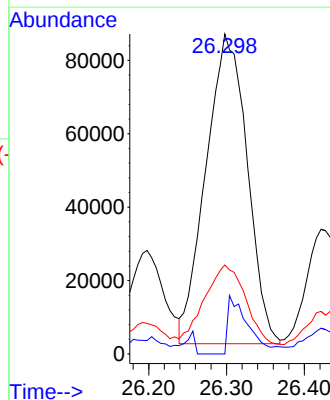
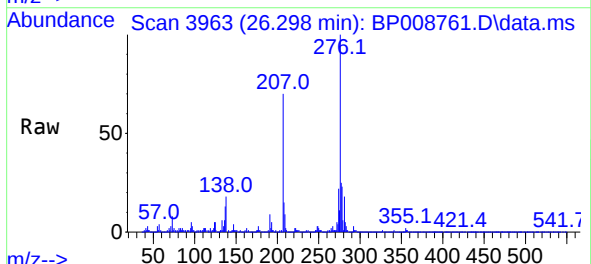
Manual Integrations
APPROVED

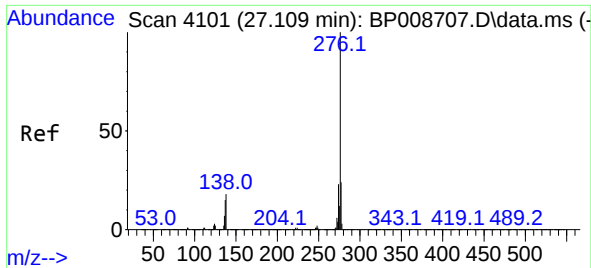
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#91
Dibenzo(a,h)anthracene
Concen: 2.103 ng m
RT: 26.298 min Scan# 3963
Delta R.T. -0.047 min
Lab File: BP008761.D
Acq: 10 Jan 2022 21:26

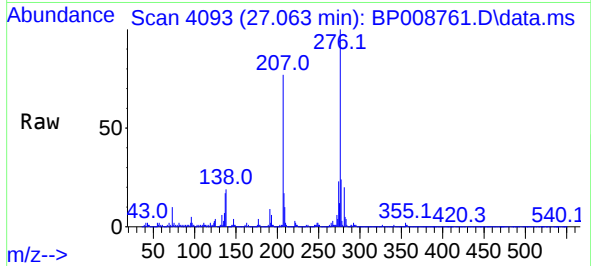
Tgt Ion:278 Resp: 310645
Ion Ratio Lower Upper
278 100
139 0.0 11.5 17.3#
279 27.8 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 8.489 ng
 RT: 27.063 min Scan# 4093
 Delta R.T. -0.047 min
 Lab File: BP008761.D
 Acq: 10 Jan 2022 21:26

Instrument :
 BNA_P
 ClientSampleId :
 PX-1-010522



Tgt Ion: 276 Resp: 124480

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	18.9	15.0	22.4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

