

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009622.D
 Acq On : 30 Mar 2022 17:06
 Operator : CG/JU
 Sample : N2107-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS1

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 04:40:30 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	263331	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1075750	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	659917	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1347681	20.000	ng	0.00
76) Chrysene-d12	21.268	240	1092304	20.000	ng	# 0.00
86) Perylene-d12	23.645	264	1199981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1711295	113.462	ng	0.00
7) Phenol-d6	6.928	99	2252129	110.415	ng	0.00
23) Nitrobenzene-d5	8.893	82	1493540	73.779	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1090202	100.112	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3584457	75.299	ng	0.00
79) Terphenyl-d14	19.733	244	5222534	85.817	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.192	178	1660320	23.015	ng	99
72) Anthracene	17.286	178	416855	5.852	ng	99
73) Carbazole	17.563	167	161545	2.319	ng	98
75) Fluoranthene	19.180	202	2360633	27.029	ng	98
78) Pyrene	19.533	202	2155922	29.953	ng	100
81) Benzo(a)anthracene	21.257	228	1109457	15.460	ng	99
83) Chrysene	21.304	228	914417	13.456	ng	97
87) Indeno(1,2,3-cd)pyrene	26.121	276	587850	6.457	ng	# 91
88) Benzo(b)fluoranthene	22.927	252	1220151	17.033	ng	99
89) Benzo(k)fluoranthene	22.968	252	434402m	6.193	ng	
90) Benzo(a)pyrene	23.545	252	881327m	14.380	ng	
91) Dibenzo(a,h)anthracene	26.121	278	184852m	2.436	ng	
92) Benzo(g,h,i)perylene	26.886	276	558771	7.486	ng	# 92

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

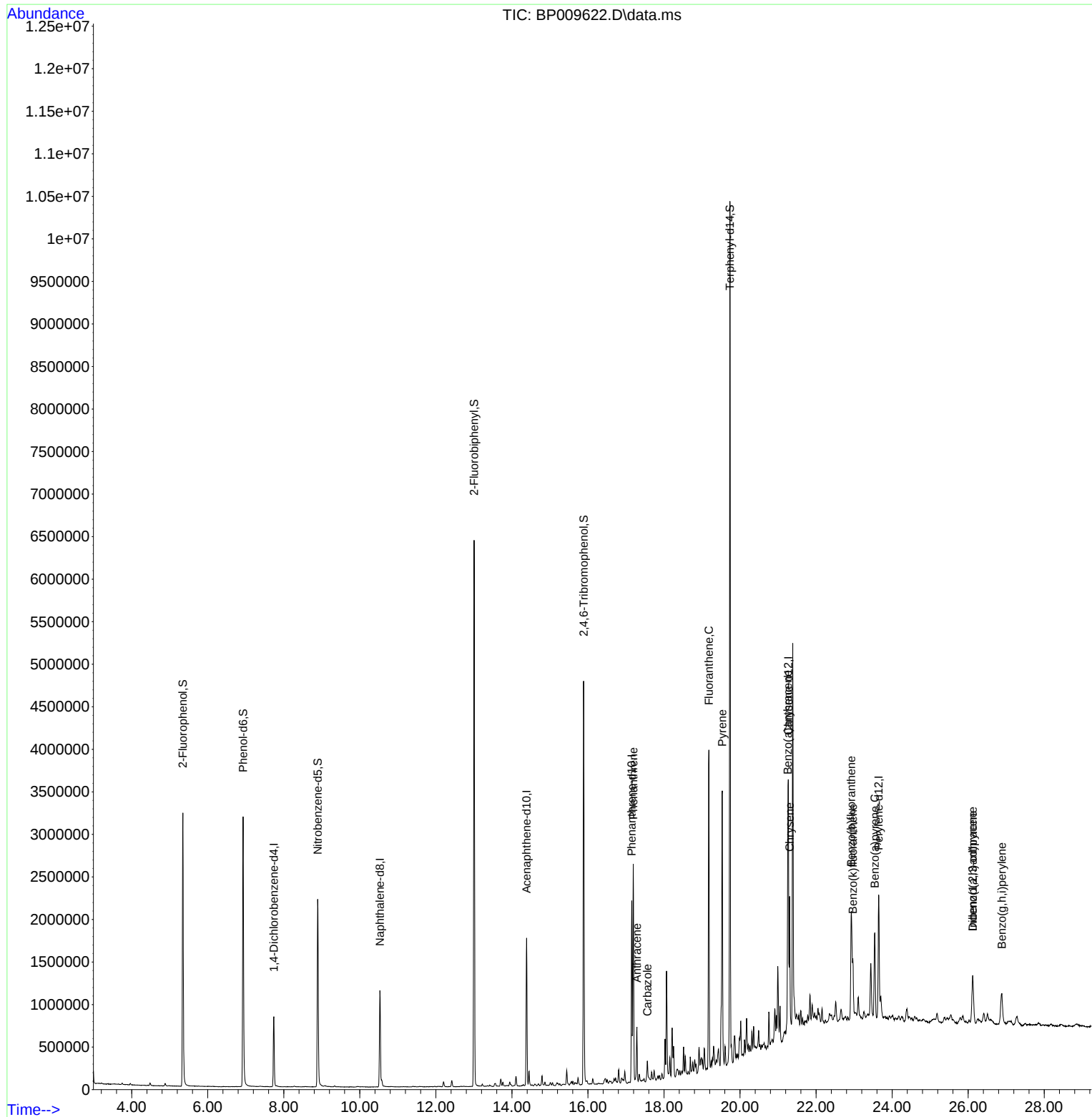
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Data File : BP009622.D
Acq On : 30 Mar 2022 17:06
Operator : CG/JU
Sample : N2107-01
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ALS Vial : 7 Sample Multiplier: 1

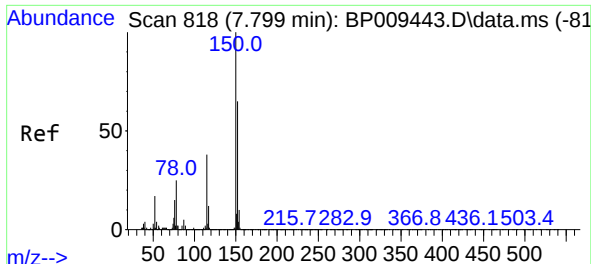
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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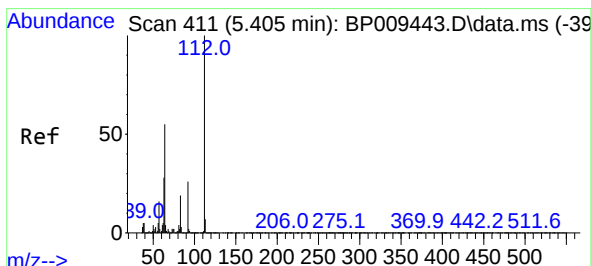
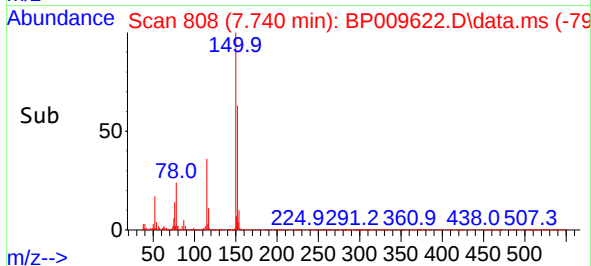
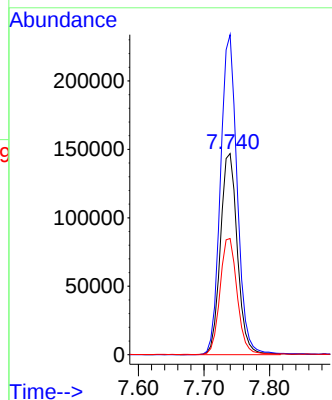
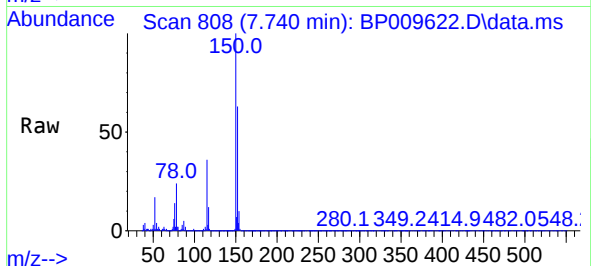
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion:152 Resp: 26333
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 57.7 48.2 72.4

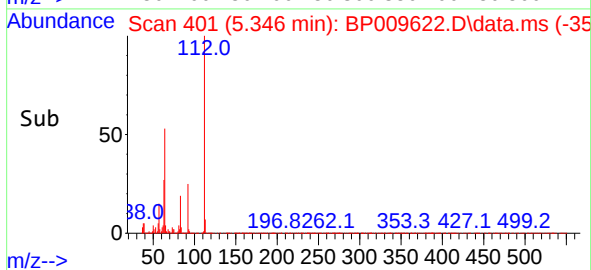
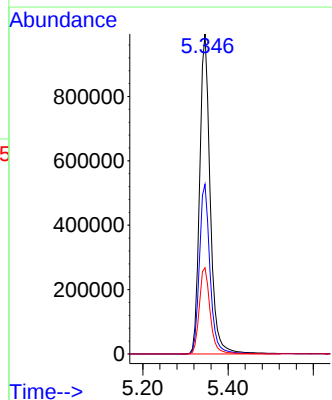
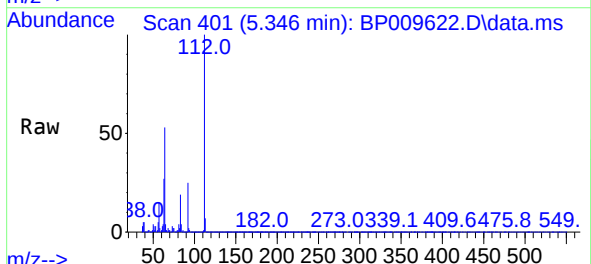
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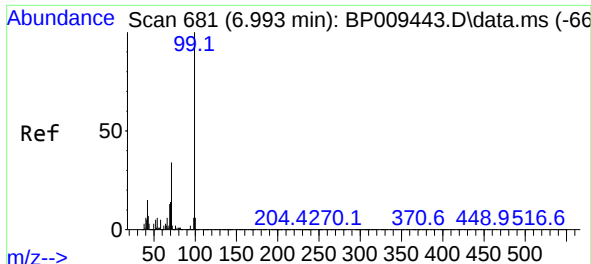
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#5
2-Fluorophenol
Concen: 113.462 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Tgt Ion:112 Resp: 1711295
Ion Ratio Lower Upper
112 100
64 53.0 45.0 67.4
63 27.0 23.0 34.6





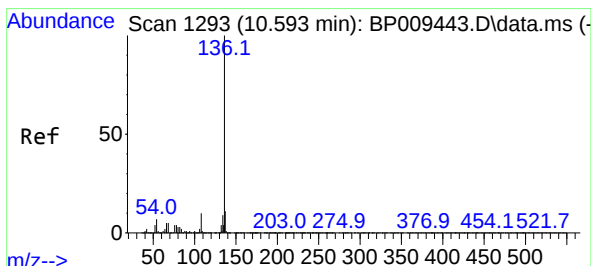
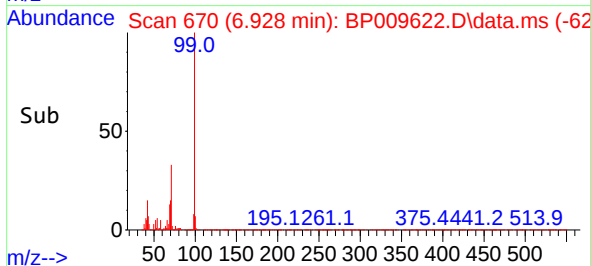
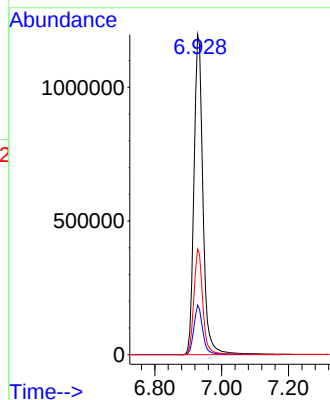
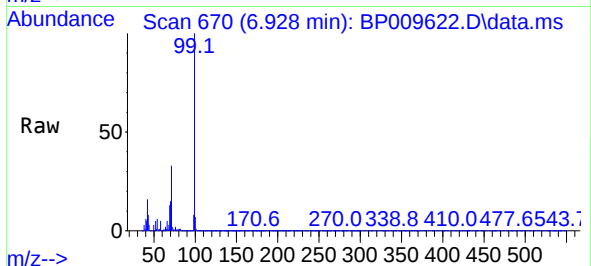
#7
Phenol-d6
Concen: 110.415 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion: 99 Resp: 2252129
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.0 26.3 39.5

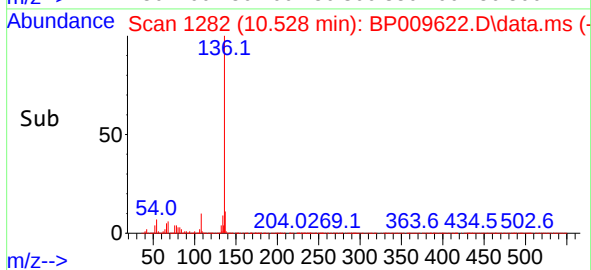
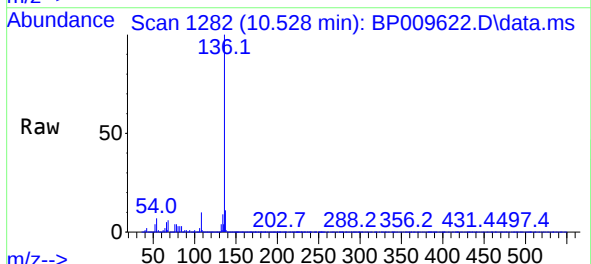
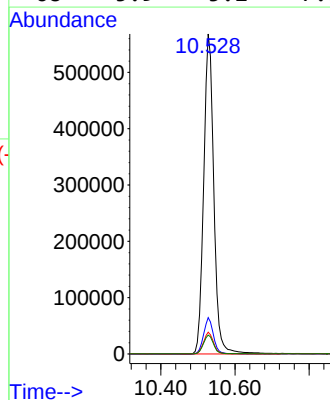
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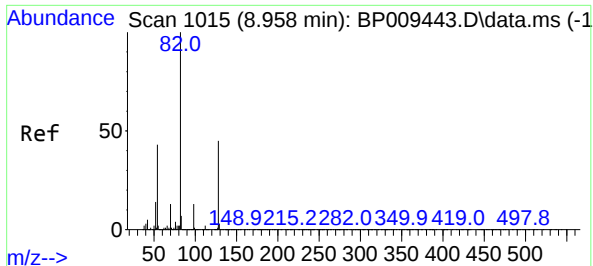
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Supervised By :Jagrut Upadhyay 03/31/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Tgt Ion:136 Resp: 1075750
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 6.8 5.8 8.8
68 5.9 5.2 7.8





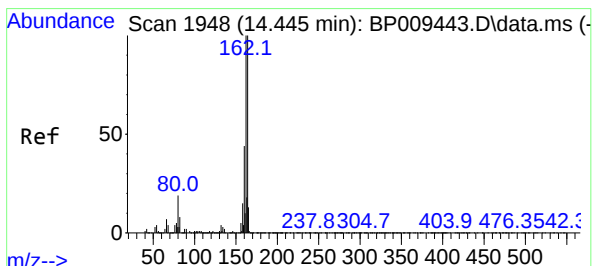
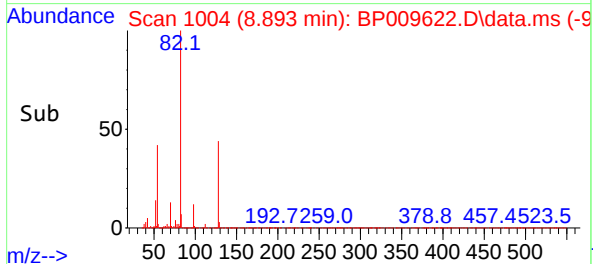
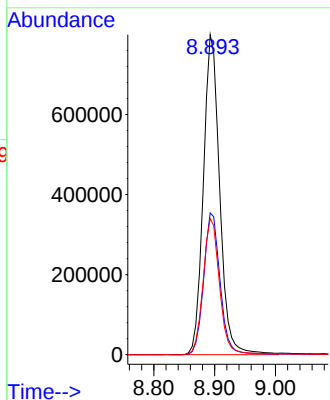
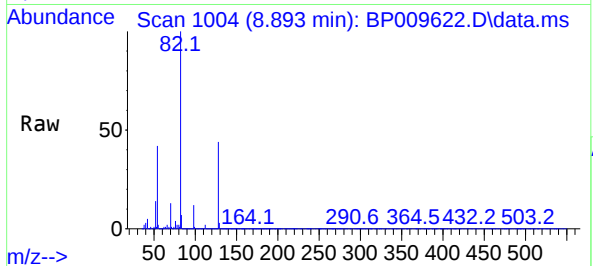
#23
Nitrobenzene-d5
Concen: 73.779 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion: 82 Resp: 1493540
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 42.5 34.7 52.1

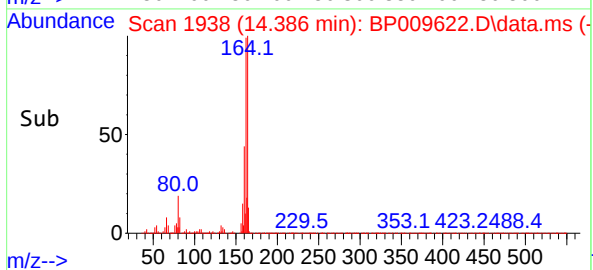
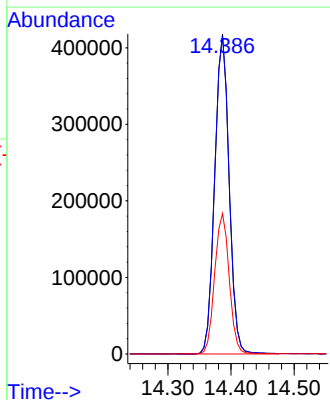
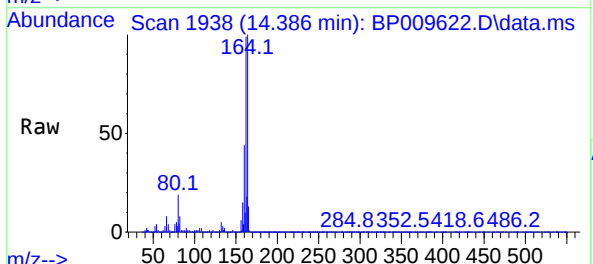
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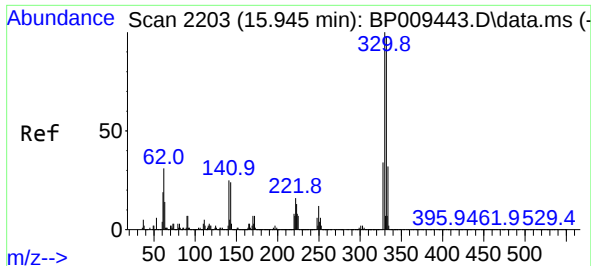
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

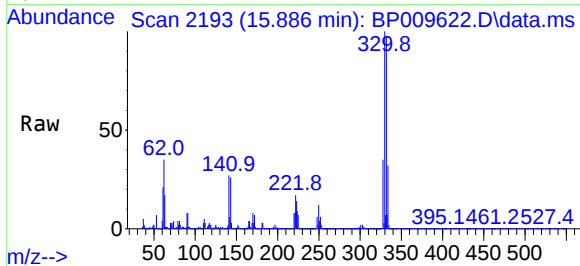
Tgt Ion:164 Resp: 659917
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 43.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 100.112 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

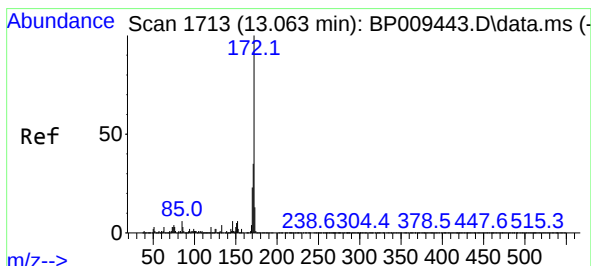
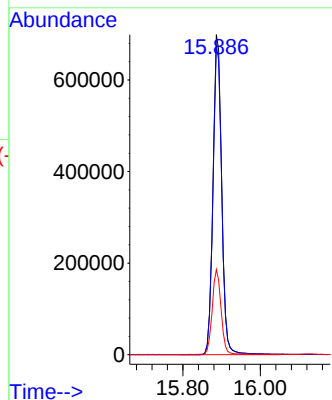
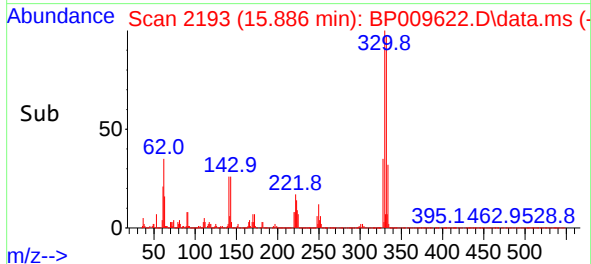
Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:330 Resp: 109020
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 27.1 27.6 41.4

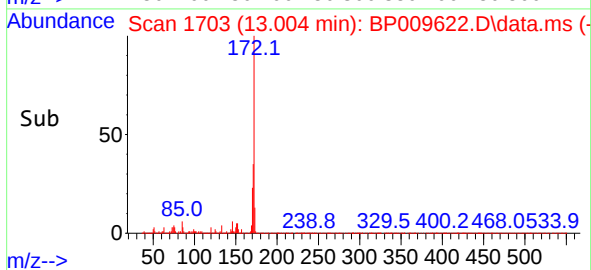
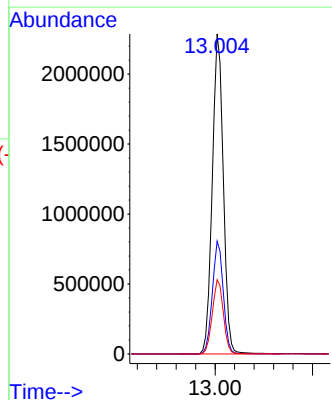
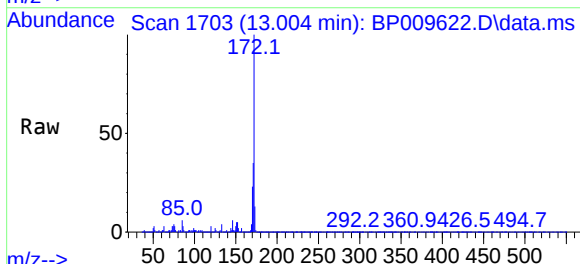
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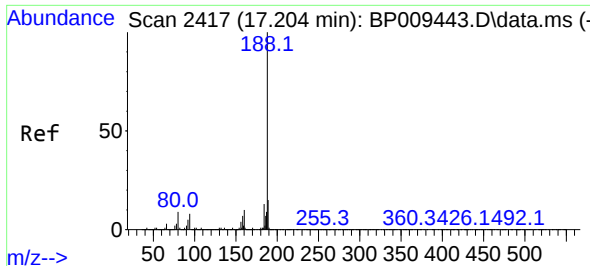
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#45
2-Fluorobiphenyl
Concen: 75.299 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Tgt Ion:172 Resp: 3584457
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.6 27.8





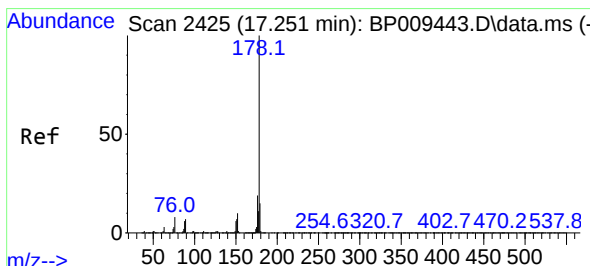
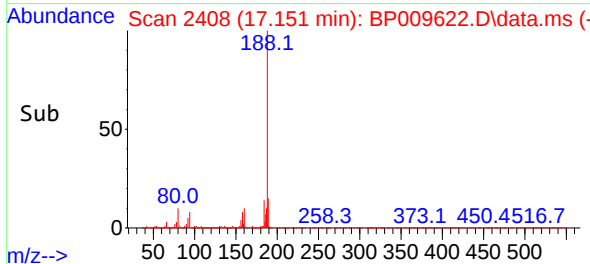
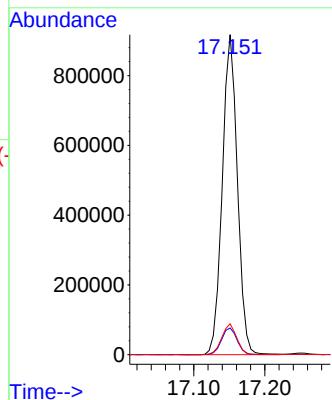
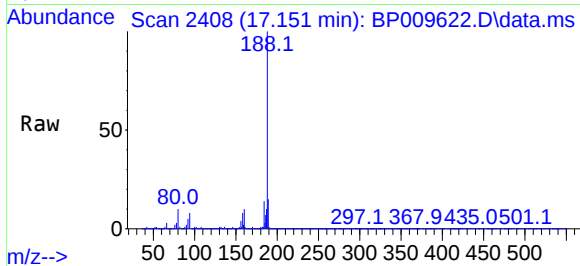
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion:188 Resp: 134768
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.6 8.8 13.2

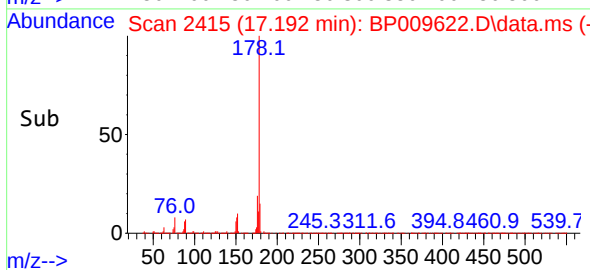
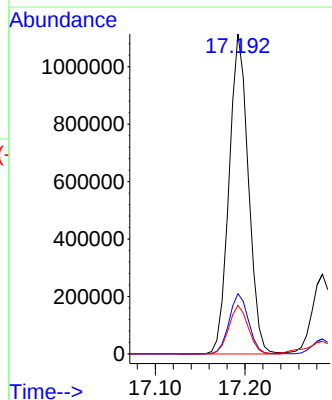
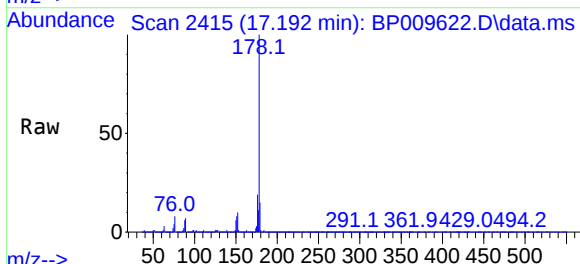
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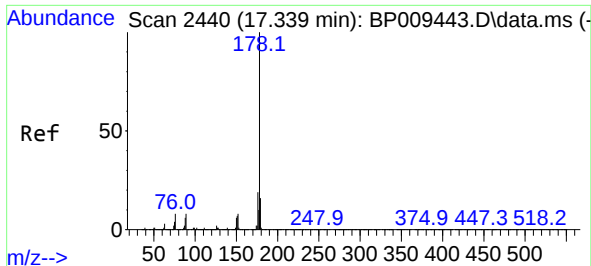
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Supervised By :Jagrut Upadhyay 03/31/2022



#71
Phenanthrene
Concen: 23.015 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

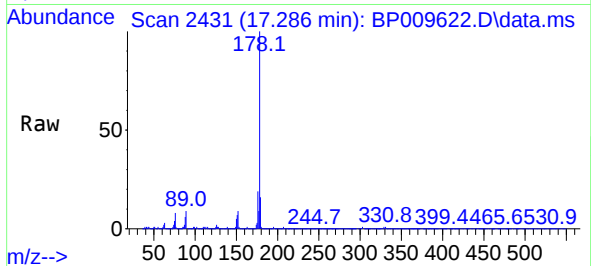
Tgt Ion:178 Resp: 1660320
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.3 18.5





#72
 Anthracene
 Concen: 5.852 ng
 RT: 17.286 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP009622.D
 Acq: 30 Mar 2022 17:06

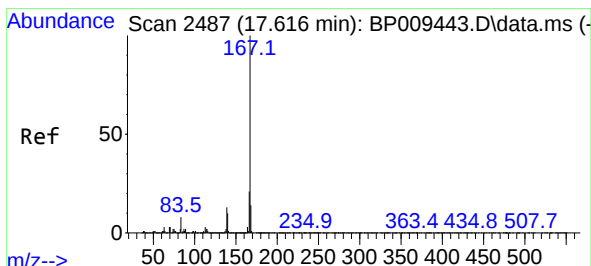
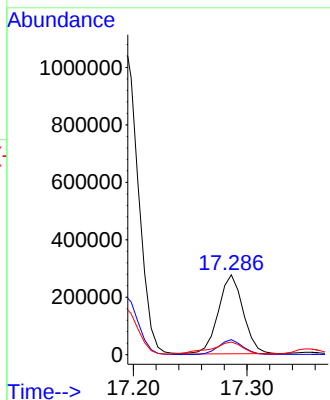
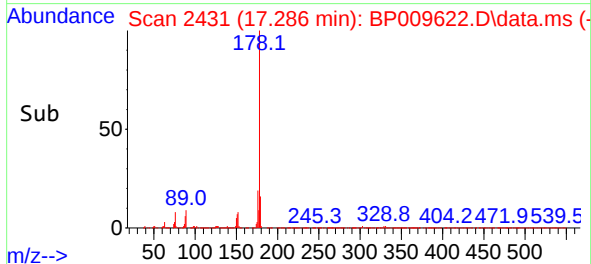
Instrument :
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 SS1



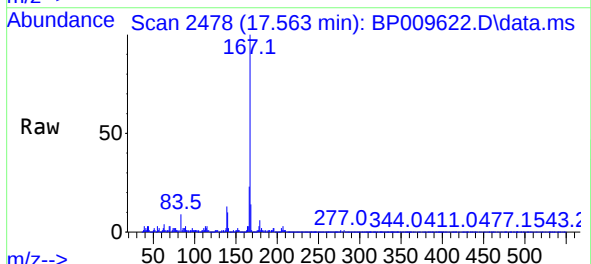
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 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.8 12.2 18.4

Manual Integrations
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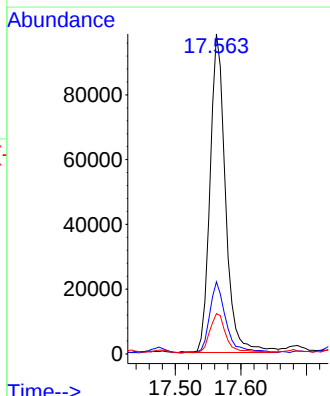
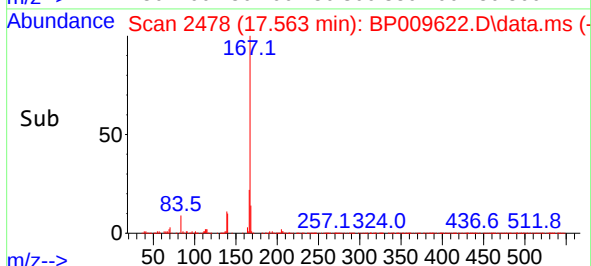
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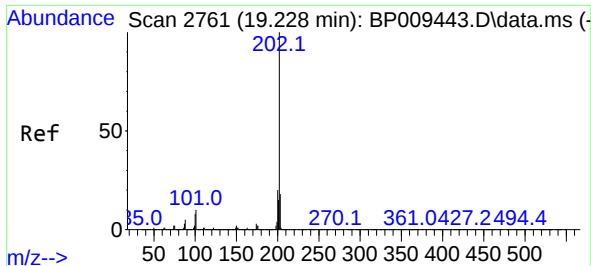


#73
 Carbazole
 Concen: 2.319 ng
 RT: 17.563 min Scan# 2478
 Delta R.T. -0.006 min
 Lab File: BP009622.D
 Acq: 30 Mar 2022 17:06



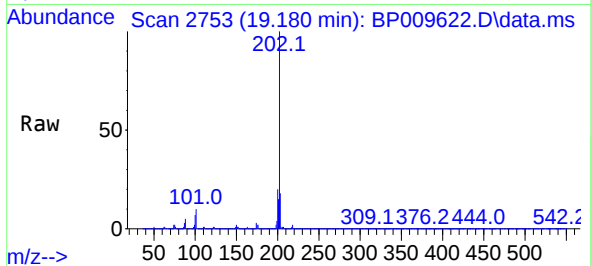
Tgt Ion:167 Resp: 161545
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.2 25.8
 139 12.6 10.3 15.5





#75
Fluoranthene
Concen: 27.029 ng
RT: 19.180 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

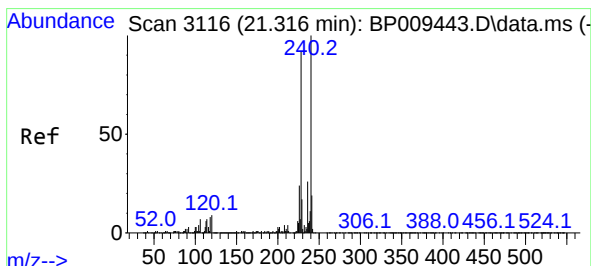
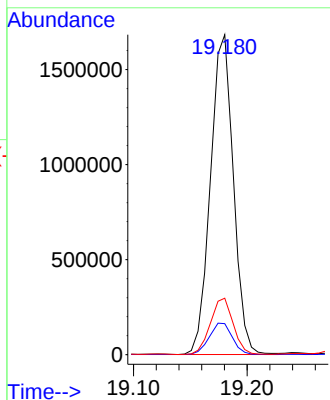
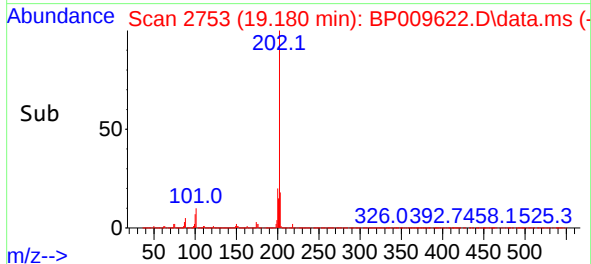
Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:202 Resp: 236063
Ion Ratio Lower Upper
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101 9.7 0.0 31.5
203 17.7 0.0 37.8

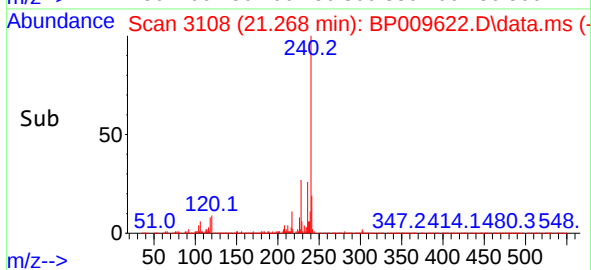
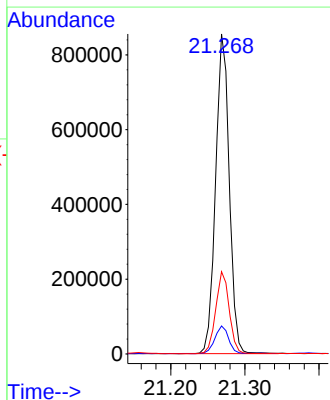
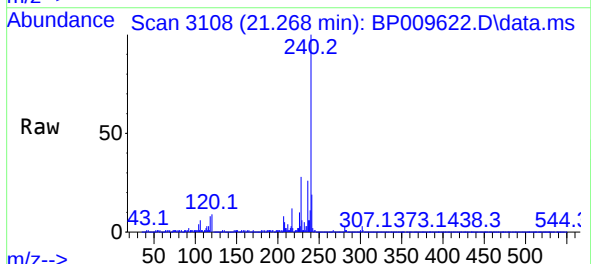
Manual Integrations
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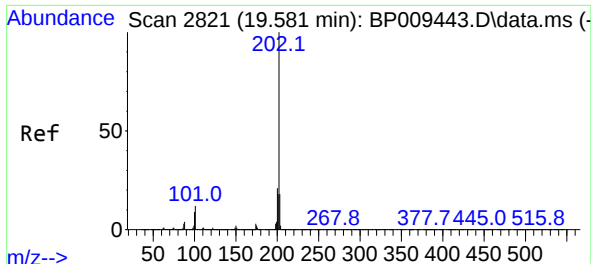
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Tgt Ion:240 Resp: 1092304
Ion Ratio Lower Upper
240 100
120 8.7 9.0 13.4#
236 25.7 20.6 30.8





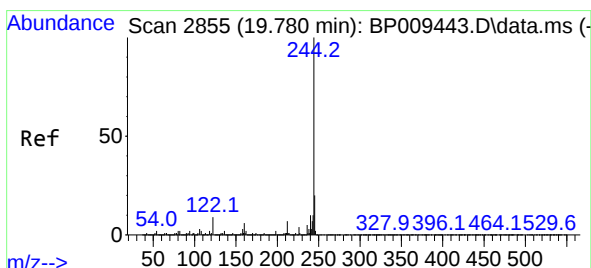
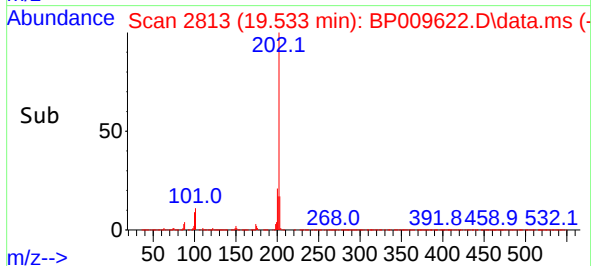
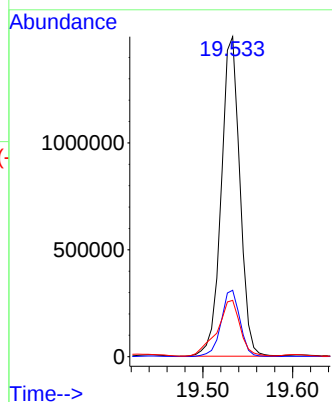
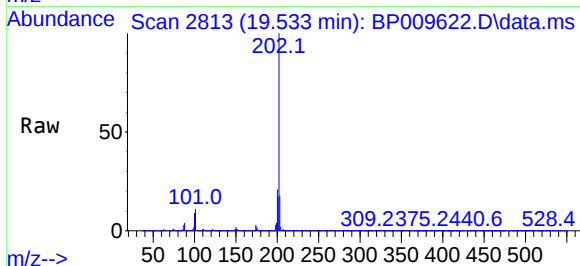
#78
Pyrene
Concen: 29.953 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion:202 Resp: 215592
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.2 21.4

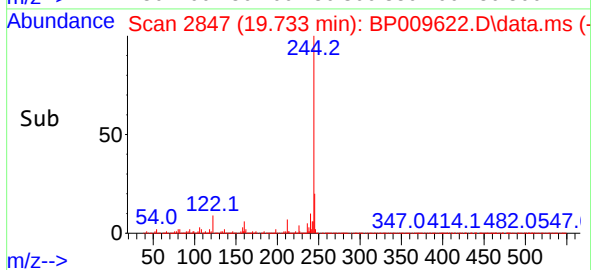
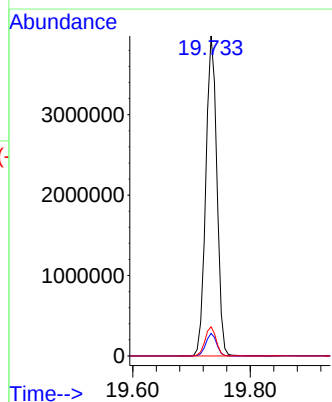
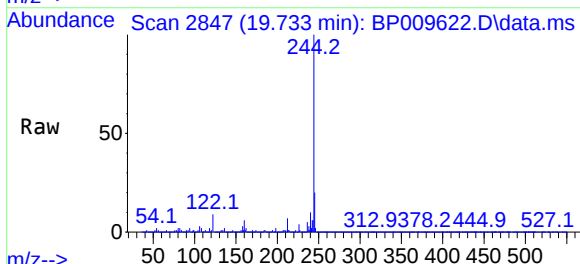
Manual Integrations
APPROVED

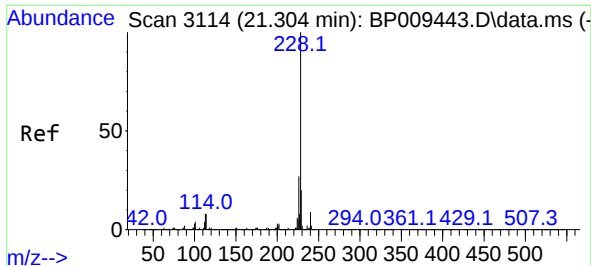
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#79
Terphenyl-d14
Concen: 85.817 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

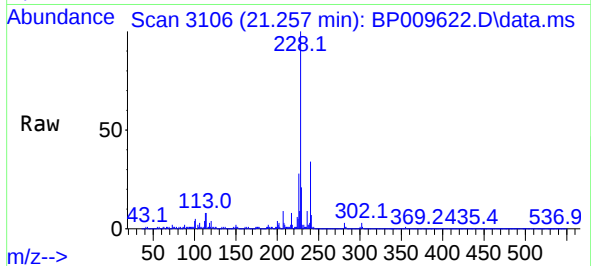
Tgt Ion:244 Resp: 5222534
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.1 8.3 12.5





#81
Benzo(a)anthracene
Concen: 15.460 ng
RT: 21.257 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

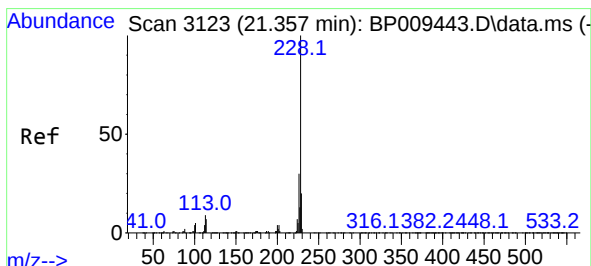
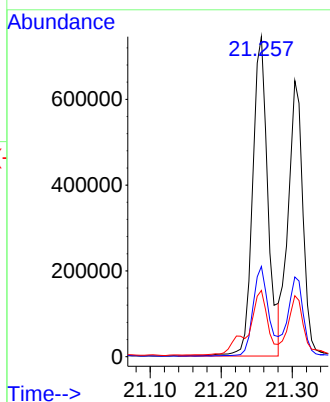
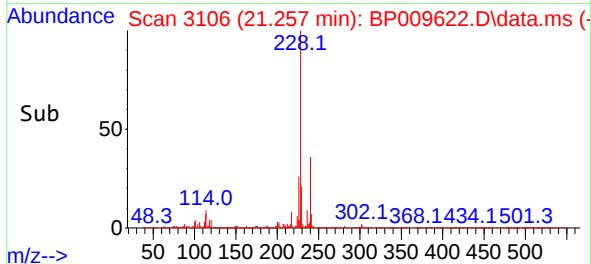
Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:228 Resp: 110945
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.7 16.1 24.1

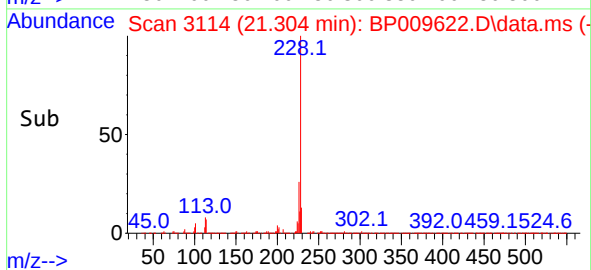
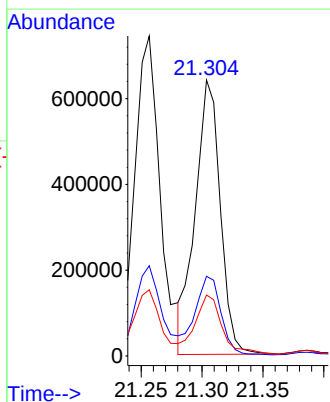
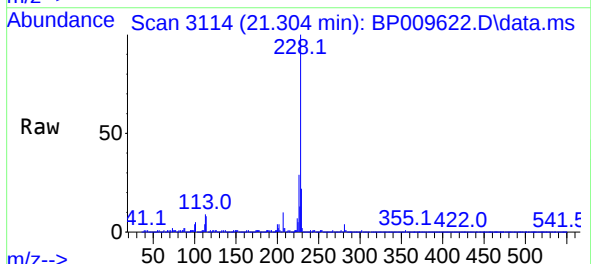
Manual Integrations
APPROVED

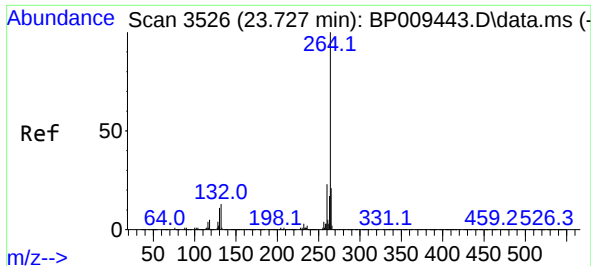
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#83
Chrysene
Concen: 13.456 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

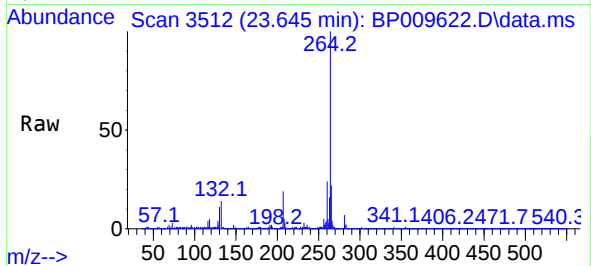
Tgt Ion:228 Resp: 914417
Ion Ratio Lower Upper
228 100
226 28.9 24.2 36.2
229 22.1 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

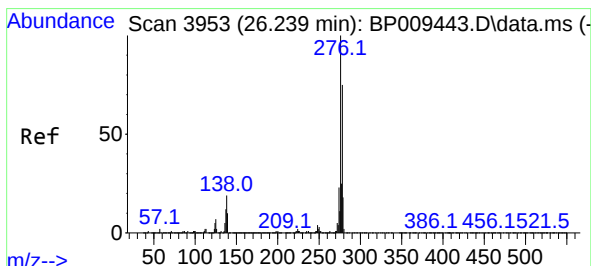
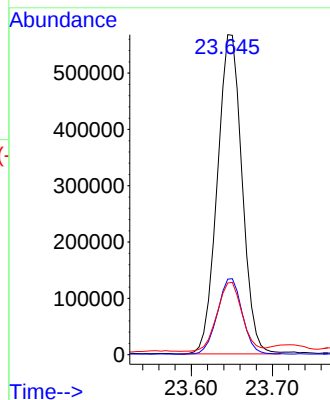
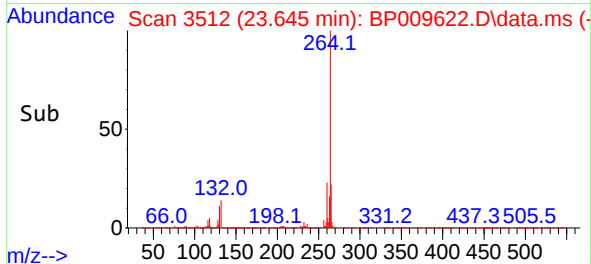
Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:264 Resp: 119998
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 22.4 17.2 25.8

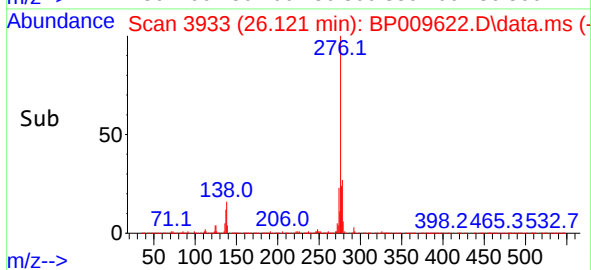
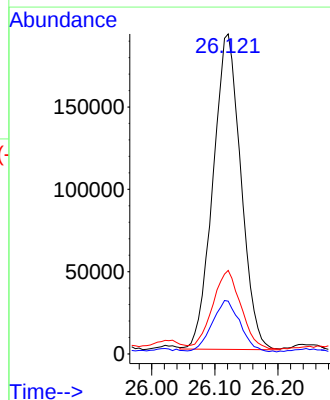
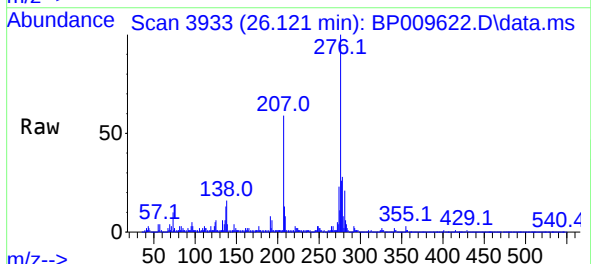
Manual Integrations
APPROVED

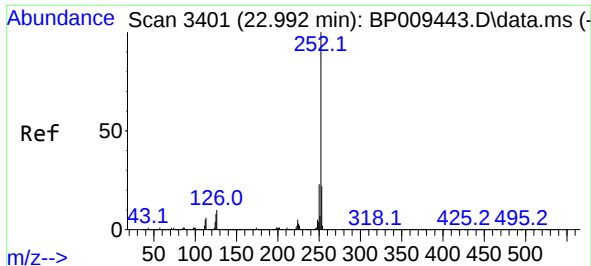
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.457 ng
RT: 26.121 min Scan# 3933
Delta R.T. -0.018 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Tgt Ion:276 Resp: 587850
Ion Ratio Lower Upper
276 100
138 16.4 20.5 30.7#
277 25.4 20.4 30.6





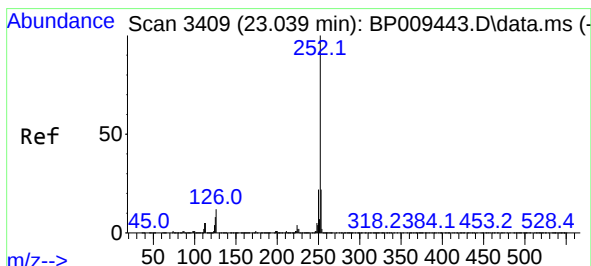
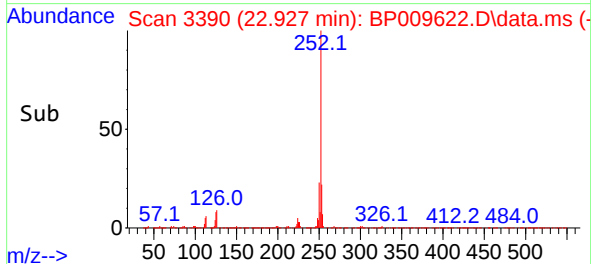
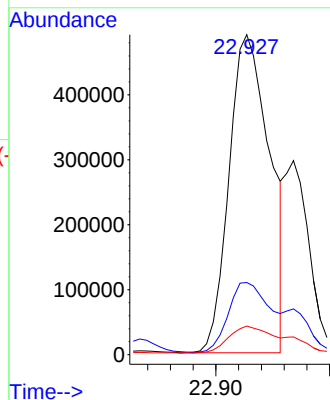
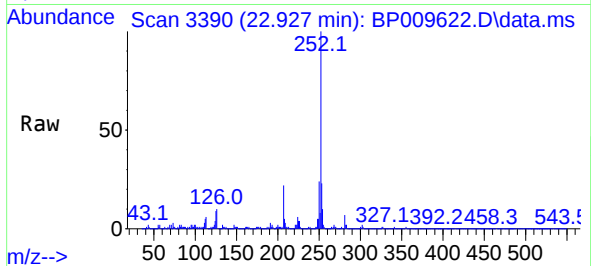
#88
Benzo(b)fluoranthene
Concen: 17.033 ng
RT: 22.927 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1

Tgt Ion:252 Resp: 122015
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.0 8.1 12.1

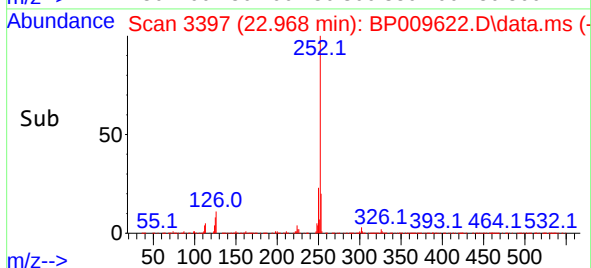
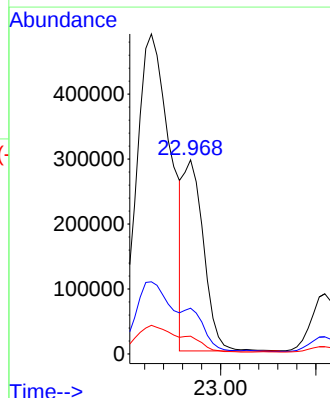
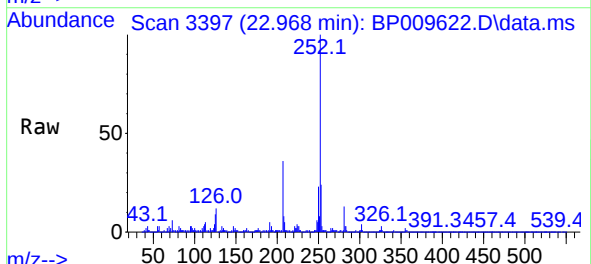
Manual Integrations
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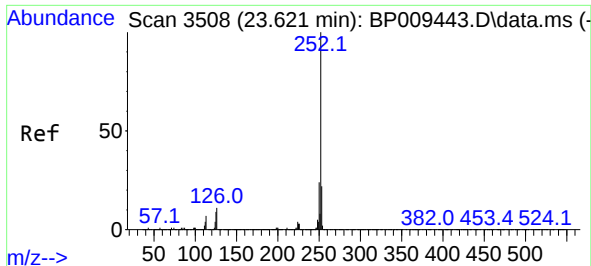
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#89
Benzo(k)fluoranthene
Concen: 6.193 ng m
RT: 22.968 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

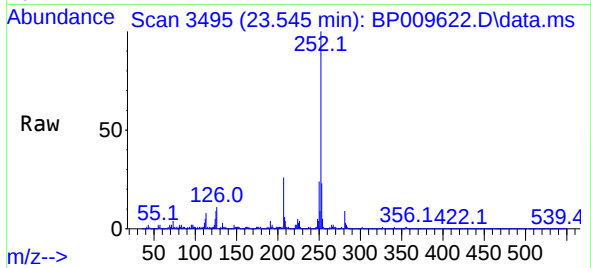
Tgt Ion:252 Resp: 434402
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 9.2 8.3 12.5





#90
Benzo(a)pyrene
Concen: 14.380 ng m
RT: 23.545 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

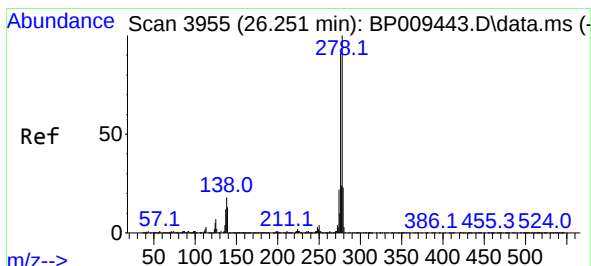
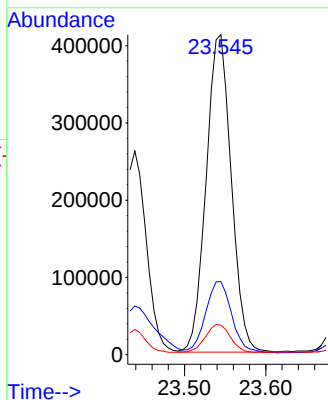
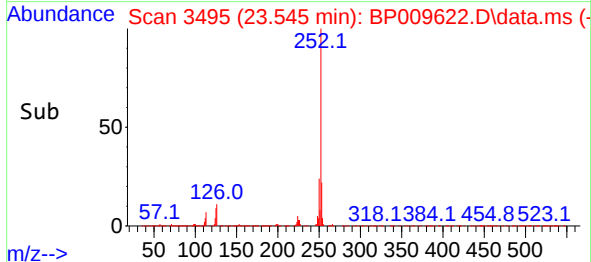
Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:252 Resp: 88132
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 9.2 9.3 13.9

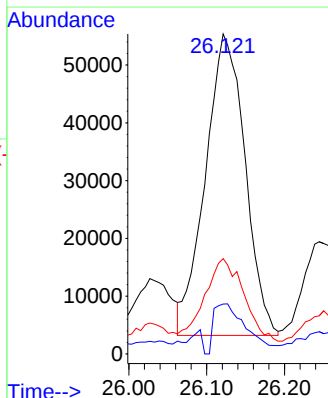
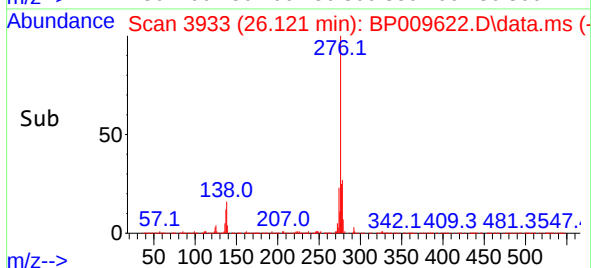
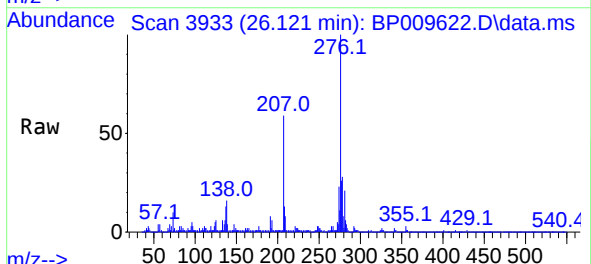
Manual Integrations
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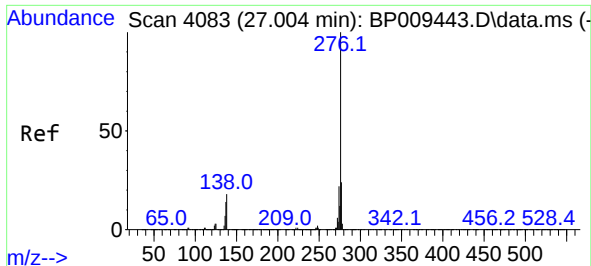
Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022



#91
Dibenzo(a,h)anthracene
Concen: 2.436 ng m
RT: 26.121 min Scan# 3933
Delta R.T. -0.030 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

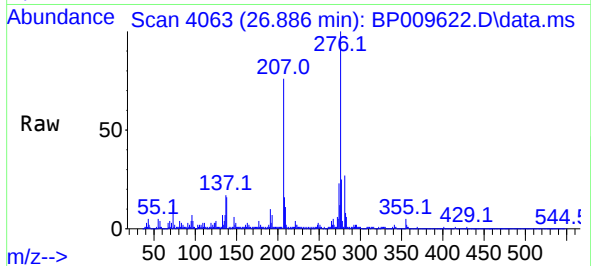
Tgt Ion:278 Resp: 184852
Ion Ratio Lower Upper
278 100
139 15.6 13.2 19.8
279 29.8 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 7.486 ng
RT: 26.886 min Scan# 4063
Delta R.T. -0.012 min
Lab File: BP009622.D
Acq: 30 Mar 2022 17:06

Instrument :
BNA_P
ClientSampleId :
SS1



Tgt Ion:276 Resp: 55877
Ion Ratio Lower Upper
276 100
277 25.3 19.2 28.8
138 15.7 18.0 27.0

Manual Integrations
APPROVED

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

