

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007910.D
 Acq On : 10 Nov 2021 02:34
 Operator : CG/JU
 Sample : M4569-01DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-110521DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 11:08:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	168455	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	578363	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	372893	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	806133	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	880595	20.000	ng	#-0.01
86) Perylene-d12	23.751	264	1010907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	422394	42.525	ng	0.00
7) Phenol-d6	7.034	99	505956	35.193	ng	0.00
23) Nitrobenzene-d5	9.016	82	290949	27.023	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	221799	41.678	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	652814	25.495	ng	-0.01
79) Terphenyl-d14	19.810	244	1044736	24.158	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.557	154	69767	3.516	ng	96
58) Fluorene	15.545	166	78837	3.096	ng	97
71) Phenanthrene	17.292	178	1751049	41.320	ng	100
72) Anthracene	17.381	178	374565	8.981	ng	98
73) Carbazole	17.651	167	129105	3.114	ng	98
75) Fluoranthene	19.263	202	2555693	47.807	ng	97
78) Pyrene	19.616	202	2417465	44.759	ng	99
81) Benzo(a)anthracene	21.321	228	1392588	24.004	ng	99
83) Chrysene	21.380	228	1370505	24.954	ng	97
87) Indeno(1,2,3-cd)pyrene	26.268	276	912016	12.103	ng	# 92
88) Benzo(b)fluoranthene	23.021	252	1730387	29.038	ng	98
89) Benzo(k)fluoranthene	23.063	252	570632m	9.648	ng	
90) Benzo(a)pyrene	23.645	252	1245530m	24.139	ng	
91) Dibenzo(a,h)anthracene	26.268	278	255575m	4.092	ng	
92) Benzo(g,h,i)perylene	27.039	276	877280	14.159	ng	# 96

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

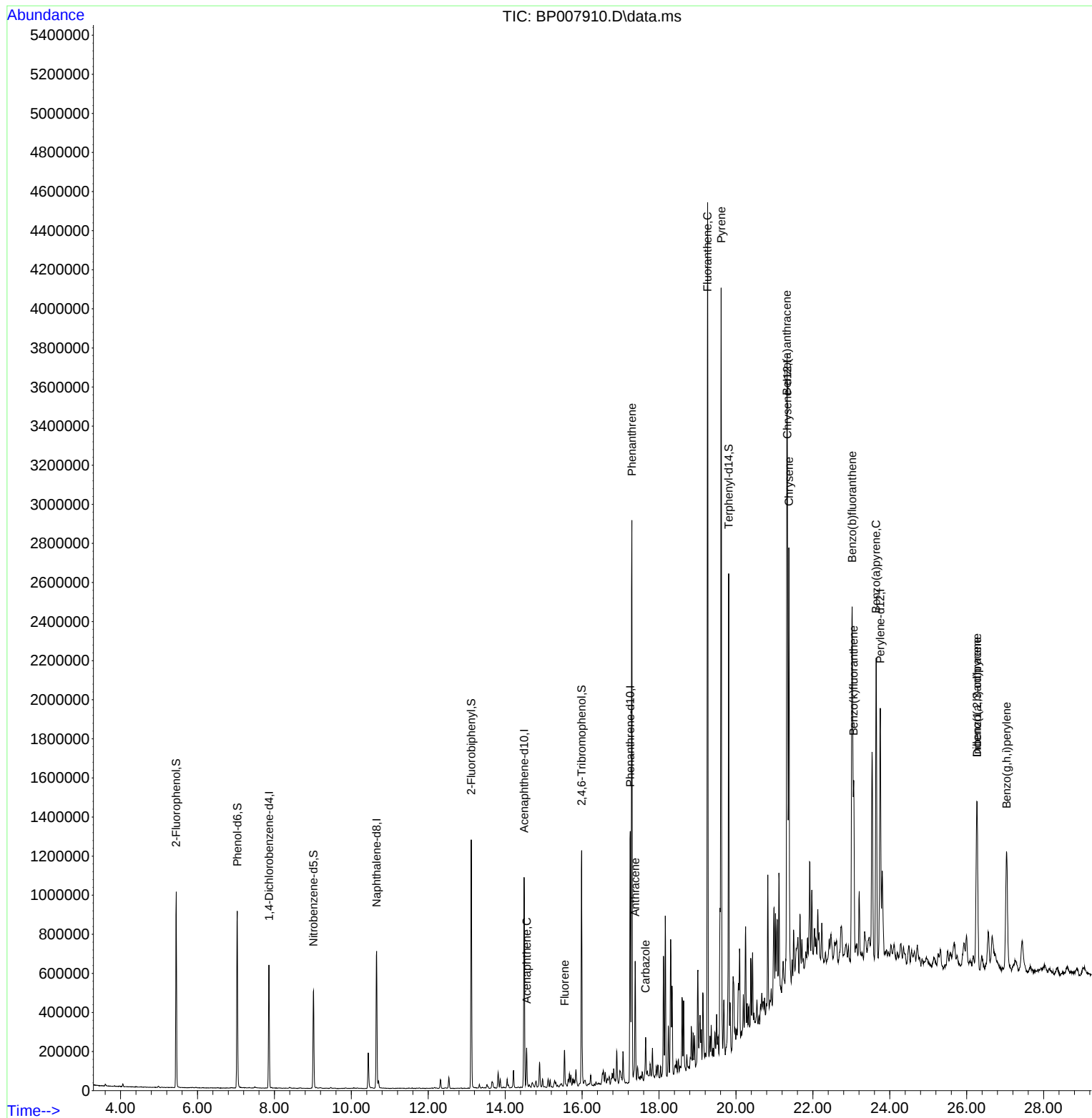
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
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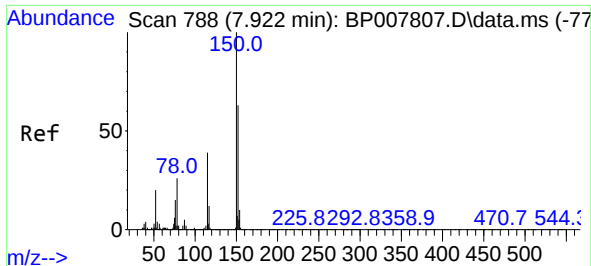
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Quant Time: Nov 10 11:08:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

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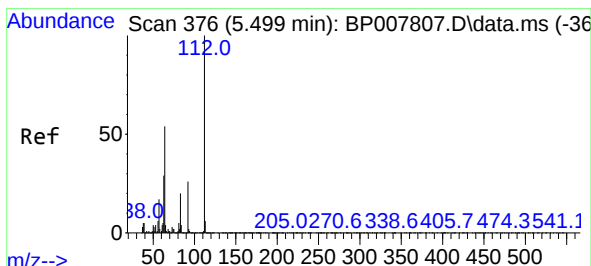
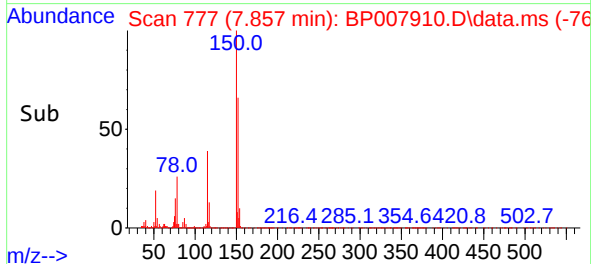
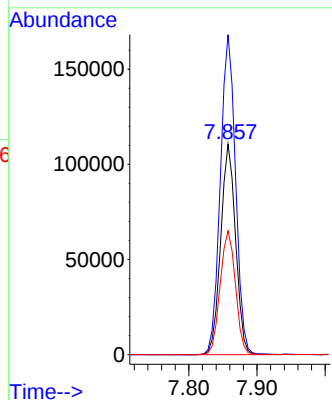
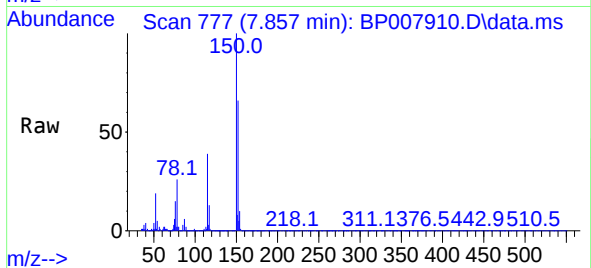
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 71
Delta R.T. -0.007 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL

Tgt Ion:152 Resp: 16845
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 58.9 48.1 72.1

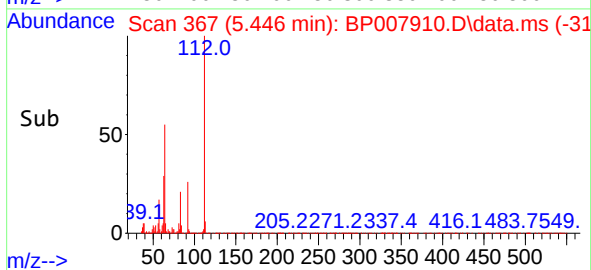
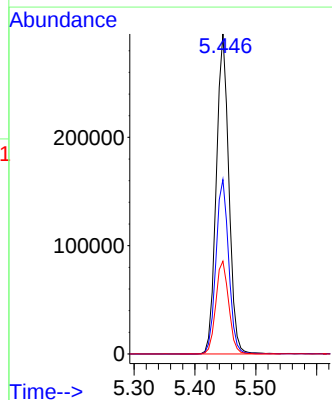
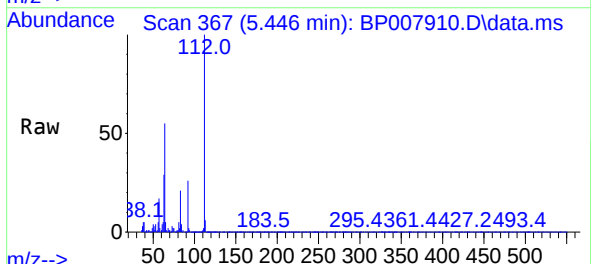
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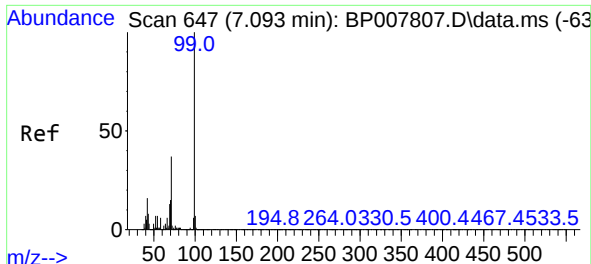
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Supervised By :mohammad ahmed 11/11/2021



#5
2-Fluorophenol
Concen: 42.525 ng
RT: 5.446 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:112 Resp: 422394
Ion Ratio Lower Upper
112 100
64 54.5 46.6 70.0
63 29.0 25.0 37.6





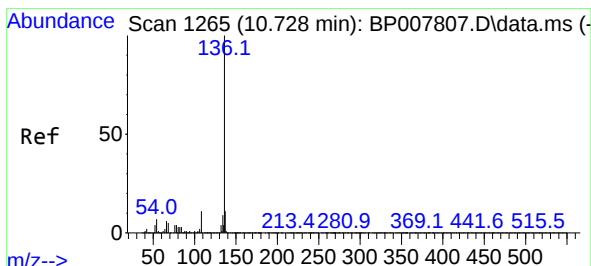
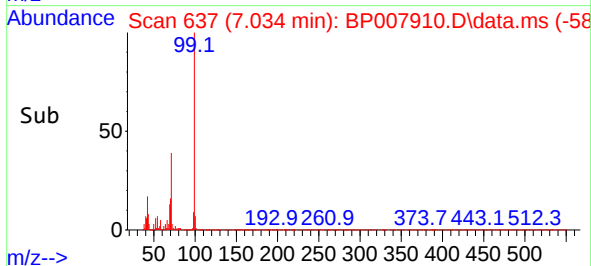
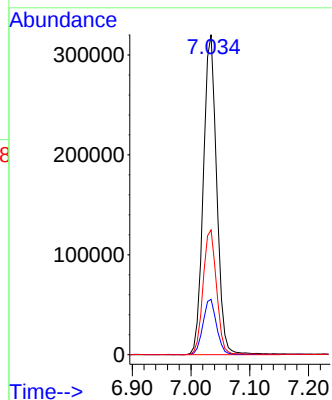
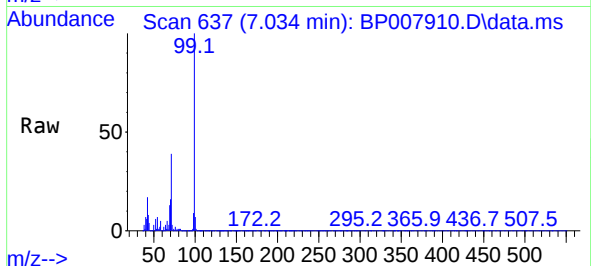
#7
Phenol-d6
Concen: 35.193 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007910.D
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Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL

Tgt Ion: 99 Resp: 505950
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 39.0 29.2 43.8

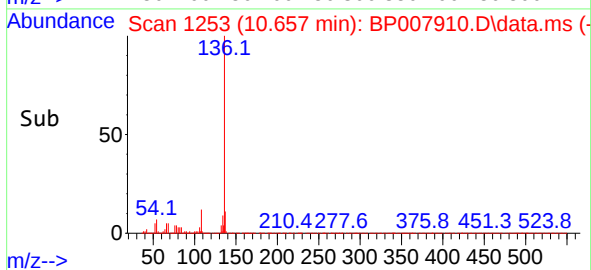
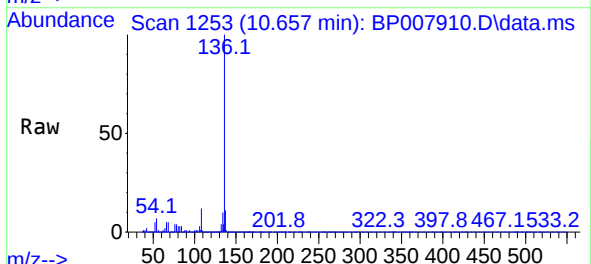
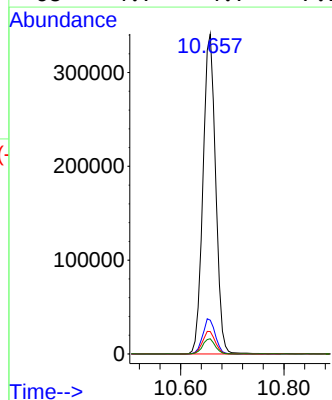
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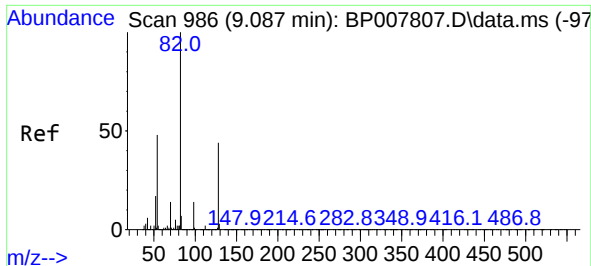
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Supervised By :mohammad ahmed 11/11/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

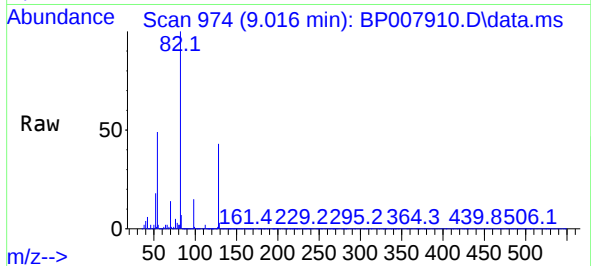
Tgt Ion:136 Resp: 578363
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 6.2 9.4
68 4.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 27.023 ng
RT: 9.016 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

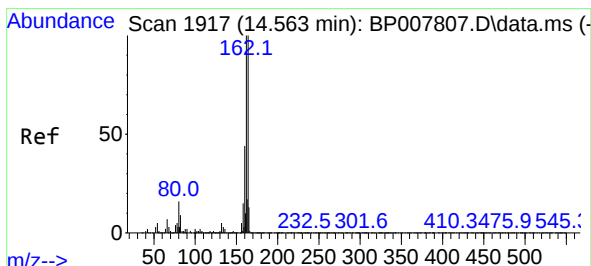
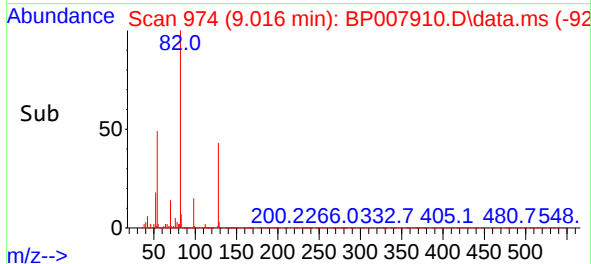
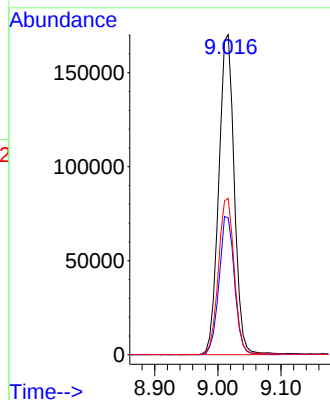
Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



Tgt Ion: 82 Resp: 290949
Ion Ratio Lower Upper
82 100
128 42.7 32.6 48.8
54 48.8 40.4 60.6

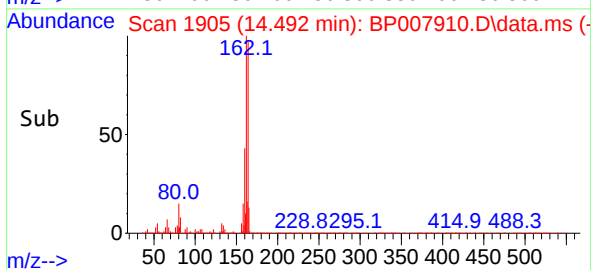
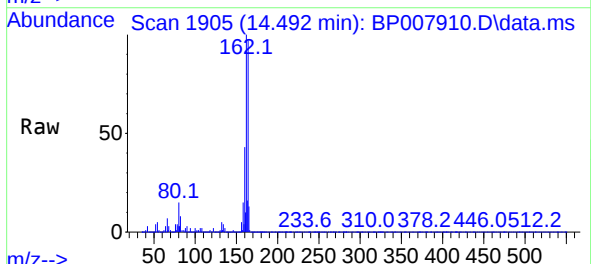
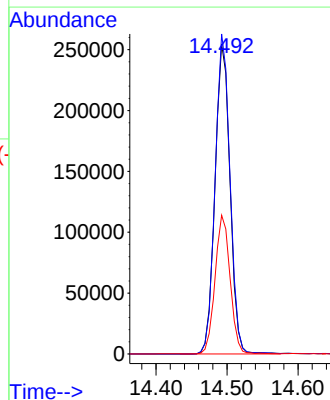
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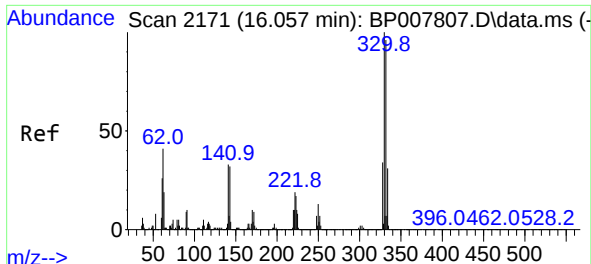
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Supervised By :mohammad ahmed 11/11/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:164 Resp: 372893
Ion Ratio Lower Upper
164 100
162 103.3 81.1 121.7
160 44.7 36.0 54.0





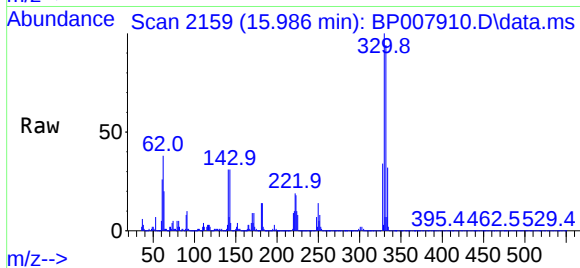
#42
2,4,6-Tribromophenol
Concen: 41.678 ng
RT: 15.986 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :

BNA_P

ClientSampleId :

CL-02-110521DL

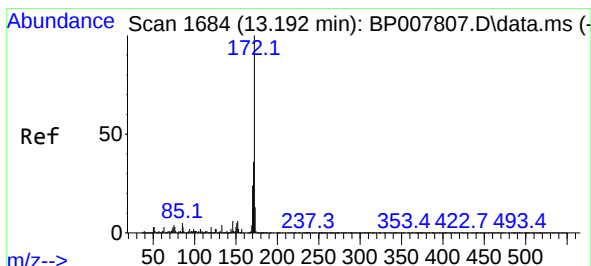
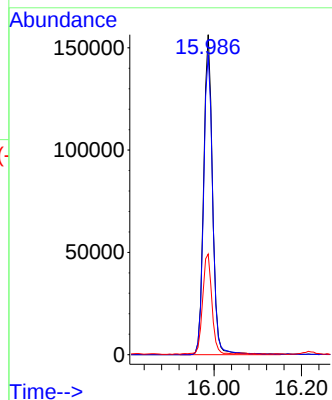
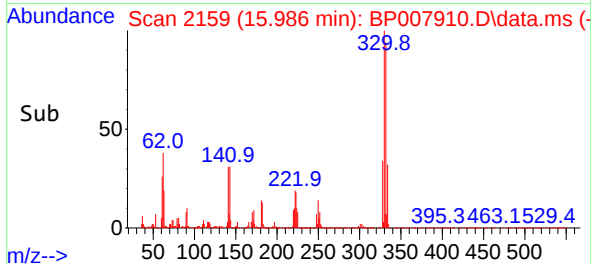


Tgt Ion:330 Resp: 221799
Ion Ratio Lower Upper
330 100
332 95.7 78.9 118.3
141 33.0 30.7 46.1

Manual Integrations

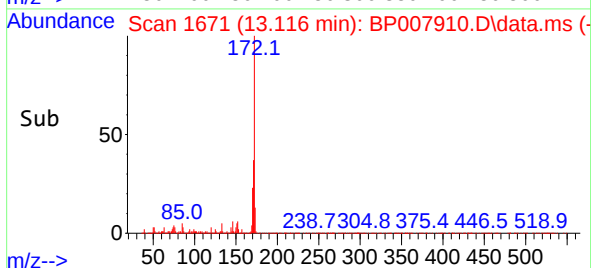
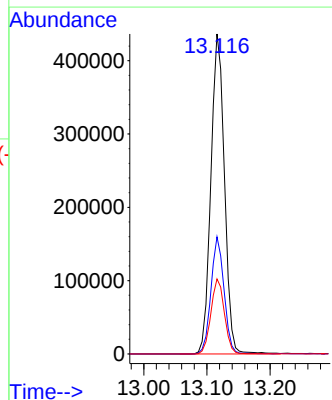
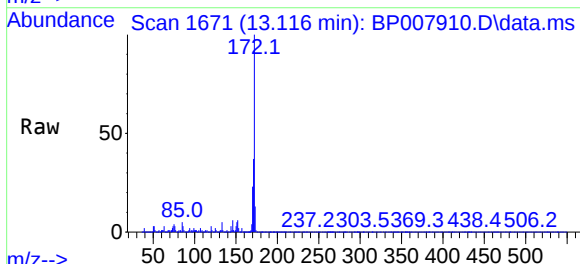
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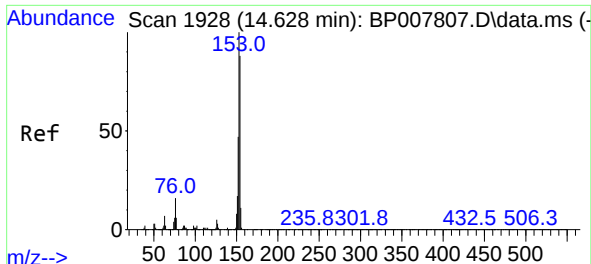
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#45
2-Fluorobiphenyl
Concen: 25.495 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:172 Resp: 652814
Ion Ratio Lower Upper
172 100
171 36.6 28.2 42.2
170 23.5 19.0 28.4





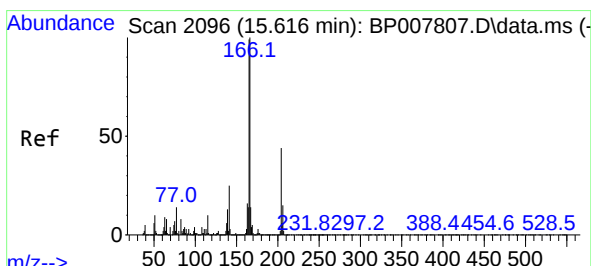
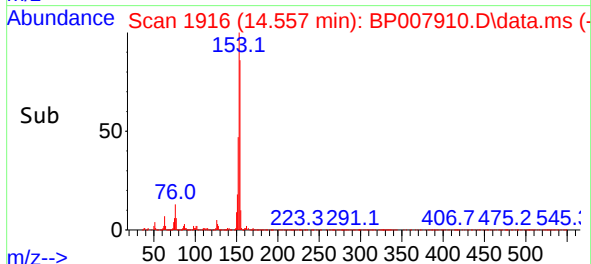
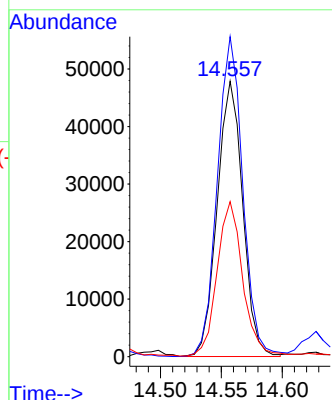
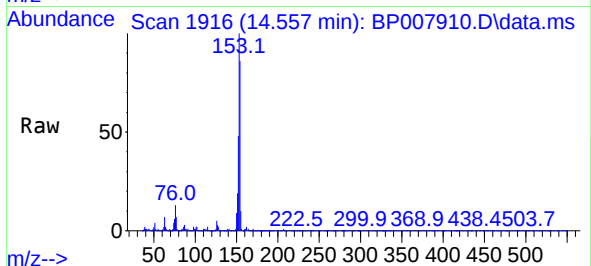
#52
Acenaphthene
Concen: 3.516 ng
RT: 14.557 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL

Tgt Ion:154 Resp: 6976
Ion Ratio Lower Upper
154 100
153 116.2 90.4 135.6
152 56.3 42.3 63.5

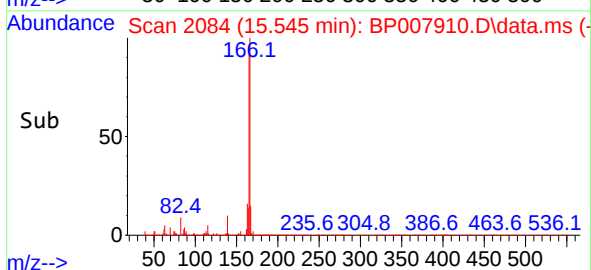
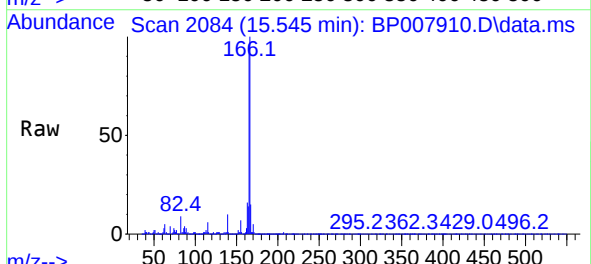
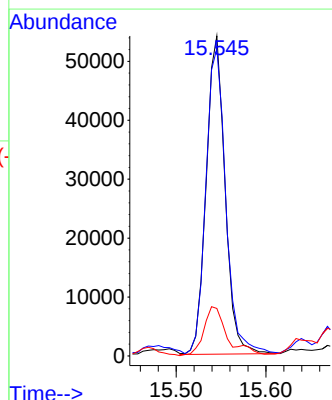
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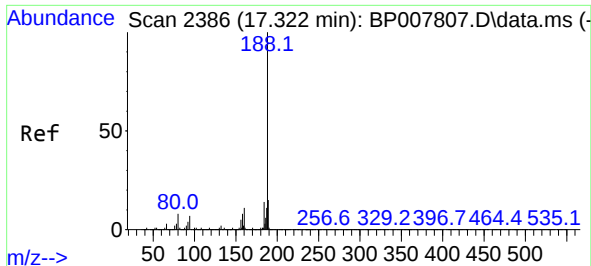
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#58
Fluorene
Concen: 3.096 ng
RT: 15.545 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:166 Resp: 78837
Ion Ratio Lower Upper
166 100
165 96.1 78.9 118.3
167 14.8 10.9 16.3





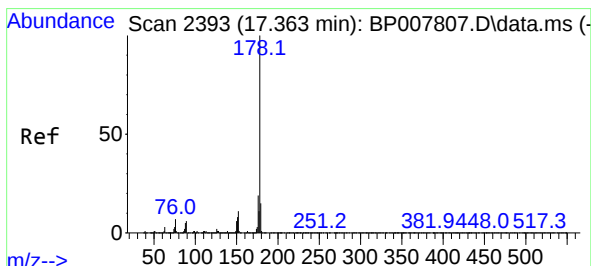
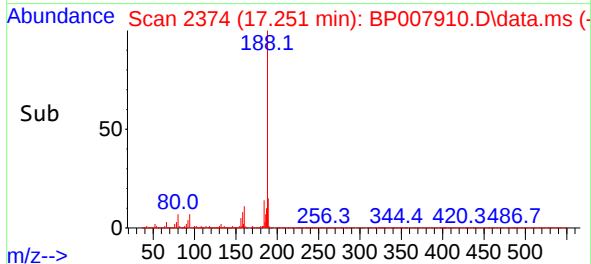
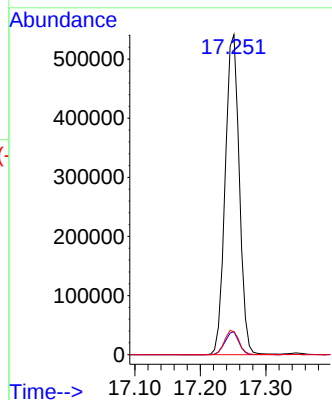
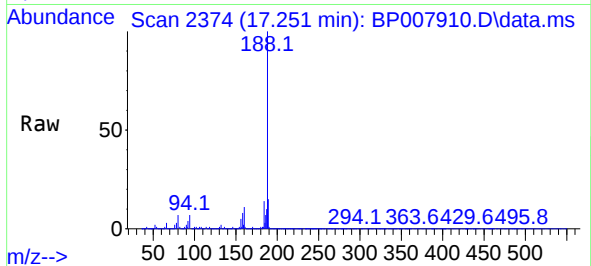
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
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CL-02-110521DL

Tgt Ion:188 Resp: 80613
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.2 7.8 11.6

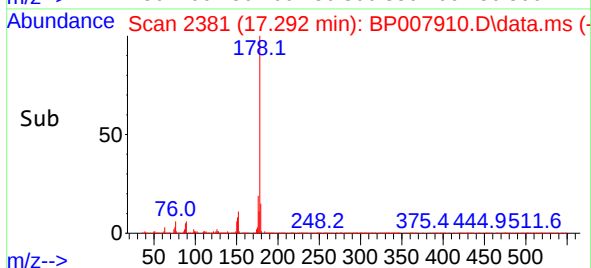
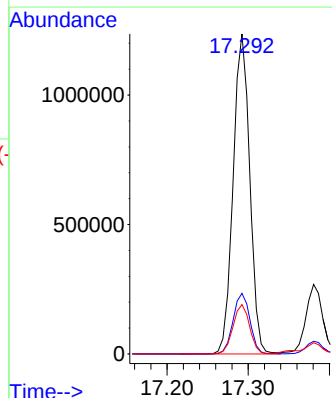
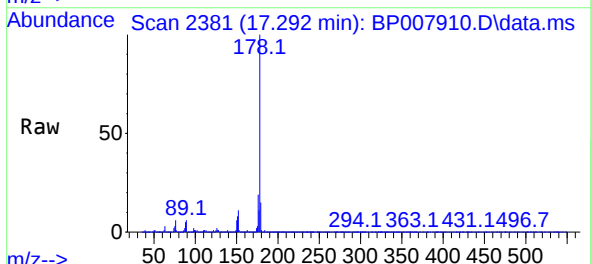
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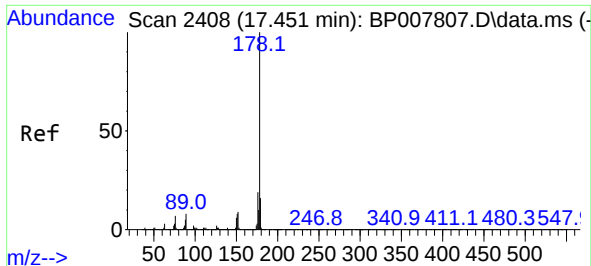
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#71
Phenanthrene
Concen: 41.320 ng
RT: 17.292 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

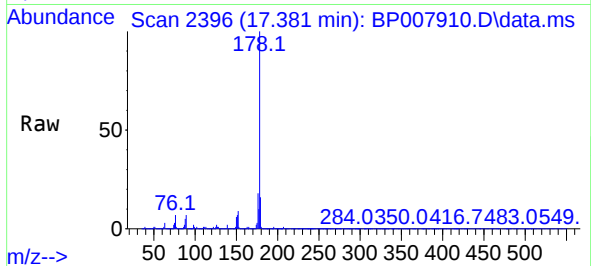
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Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.3 18.5





#72
 Anthracene
 Concen: 8.981 ng
 RT: 17.381 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP007910.D
 Acq: 10 Nov 2021 02:34

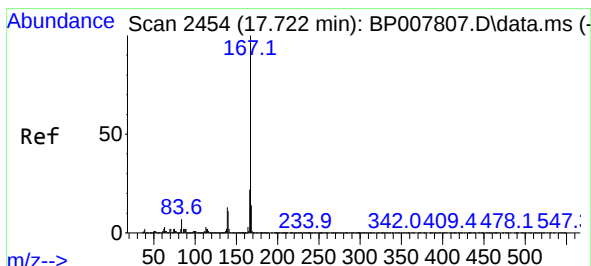
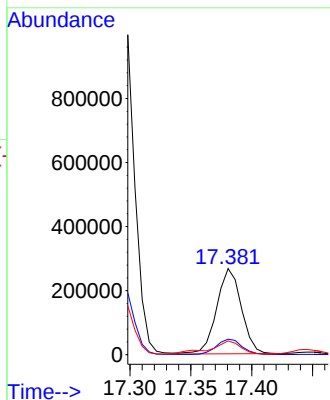
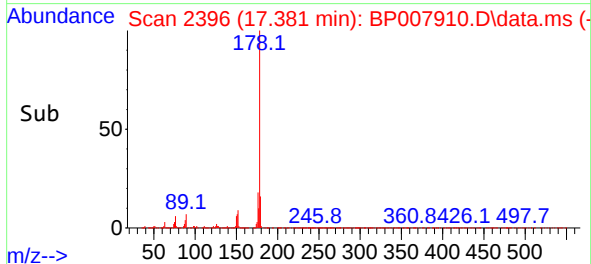
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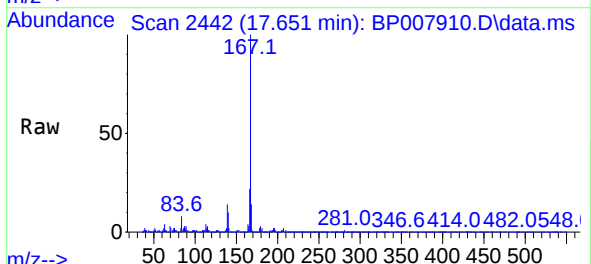
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 Ion Ratio Lower Upper
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 176 18.1 15.0 22.6
 179 16.0 12.2 18.4

Manual Integrations
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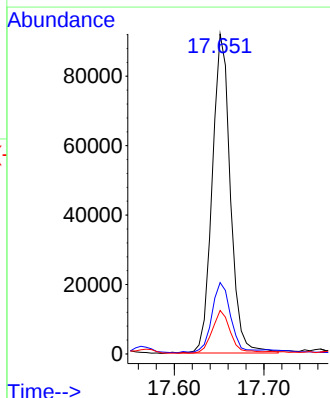
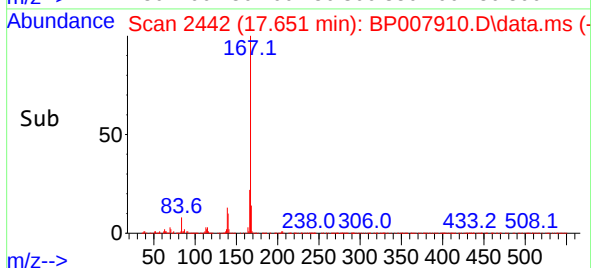
Reviewed By :Jagrut Upadhyay 11/10/2021
 Supervised By :mohammad ahmed 11/11/2021

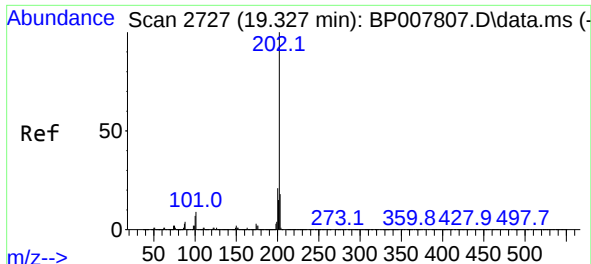


#73
 Carbazole
 Concen: 3.114 ng
 RT: 17.651 min Scan# 2442
 Delta R.T. -0.012 min
 Lab File: BP007910.D
 Acq: 10 Nov 2021 02:34



Tgt Ion:167 Resp: 129105
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 13.6 10.4 15.6





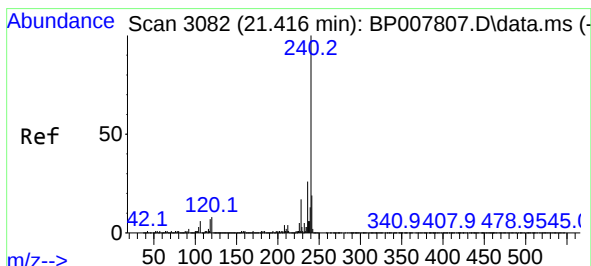
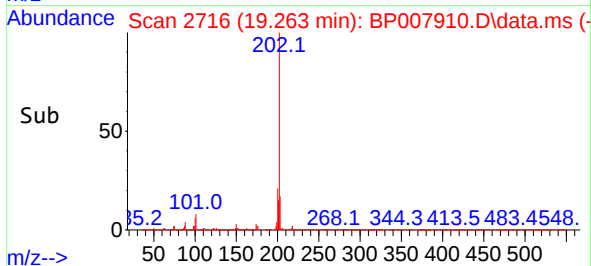
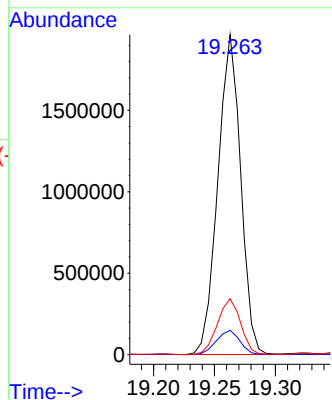
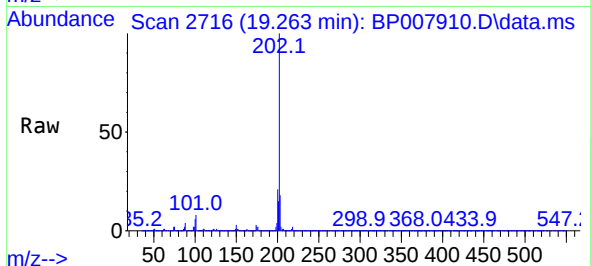
#75
Fluoranthene
Concen: 47.807 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL

Tgt Ion:202 Resp: 255569
Ion Ratio Lower Upper
202 100
101 7.6 0.0 30.4
203 17.5 0.0 37.6

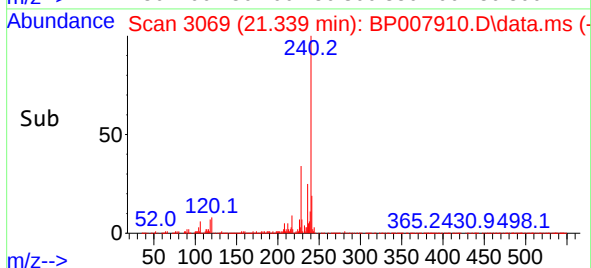
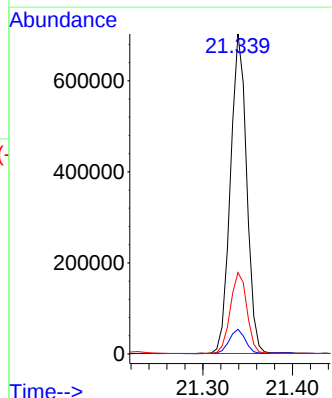
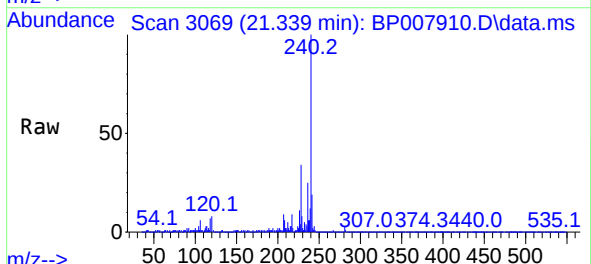
Manual Integrations
APPROVED

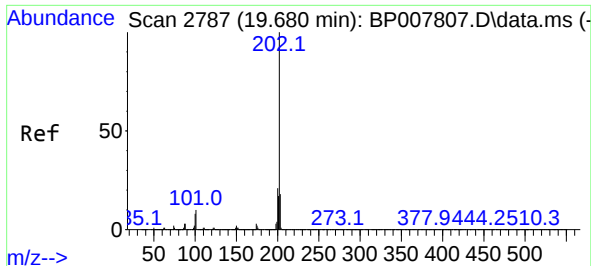
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

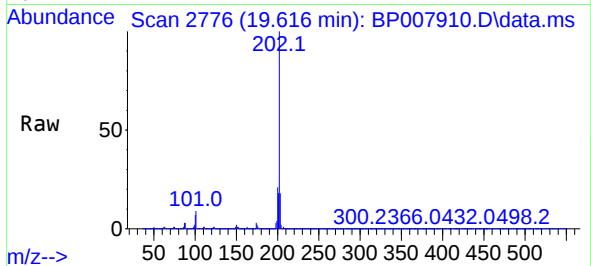
Tgt Ion:240 Resp: 880595
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.8#
236 25.4 20.6 30.8





#78
Pyrene
Concen: 44.759 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

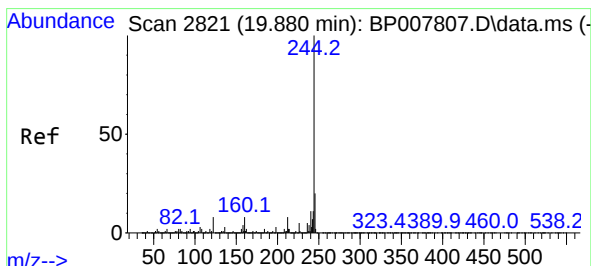
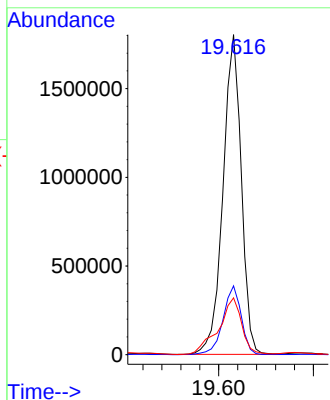
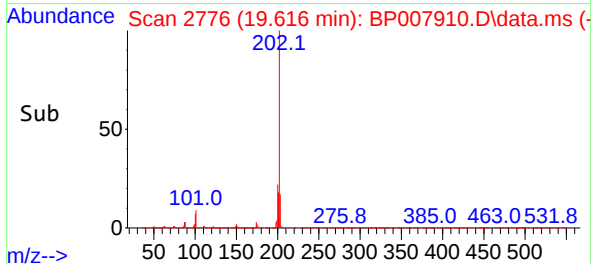
Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



Tgt Ion:202 Resp: 241746
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.7 13.8 20.6

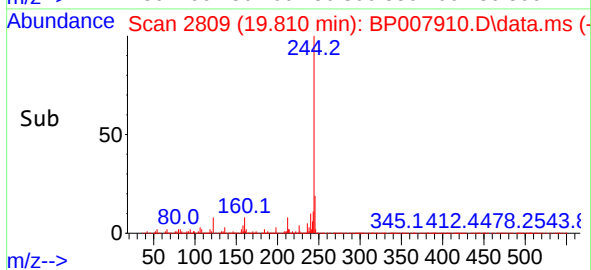
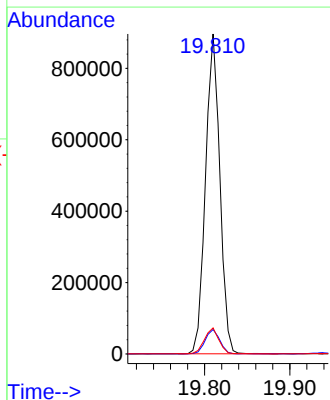
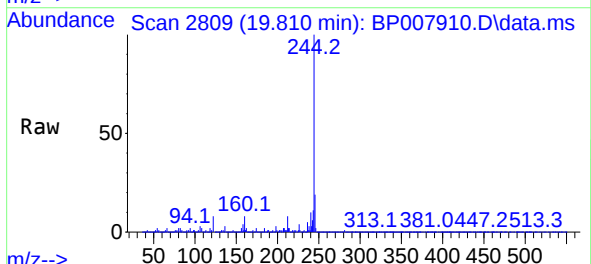
Manual Integrations
APPROVED

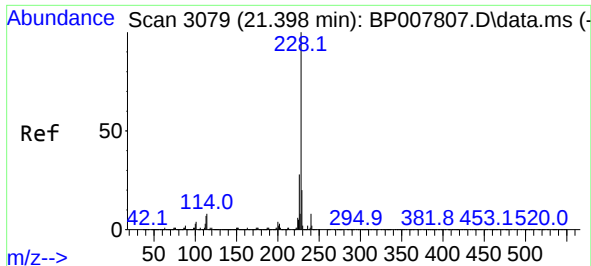
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#79
Terphenyl-d14
Concen: 24.158 ng
RT: 19.810 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

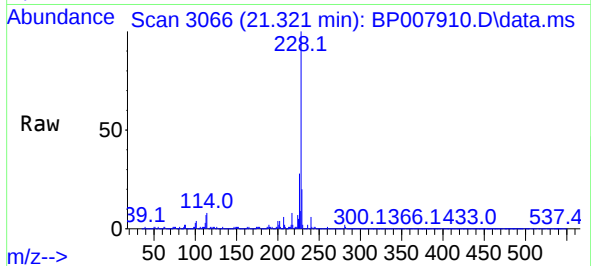
Tgt Ion:244 Resp: 1044736
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.1 7.8 11.8





#81
Benzo(a)anthracene
Concen: 24.004 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

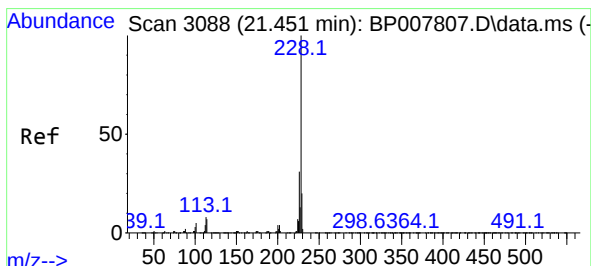
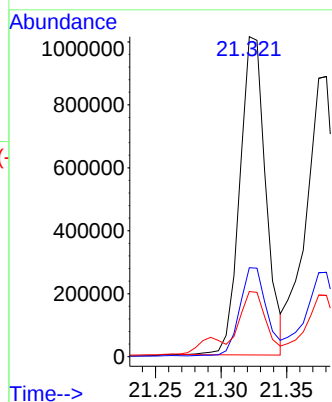
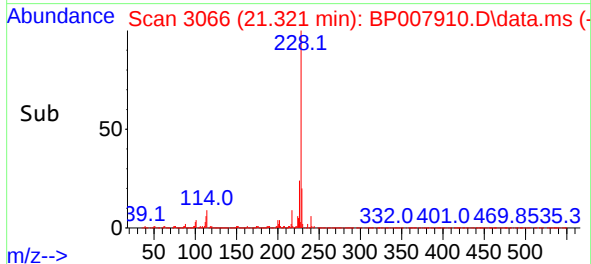
Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



Tgt Ion:228 Resp: 1392588
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.3 15.7 23.5

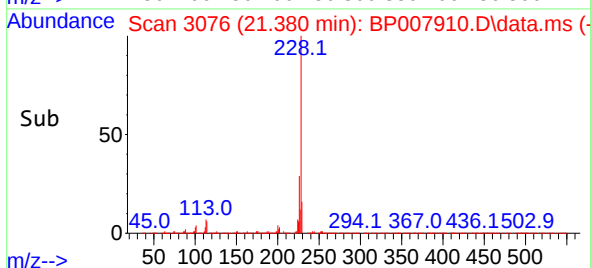
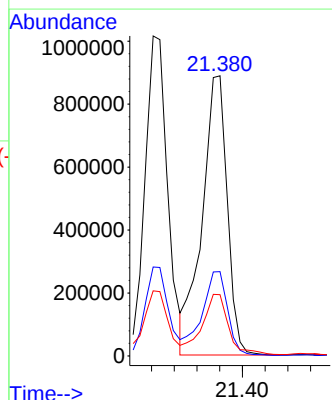
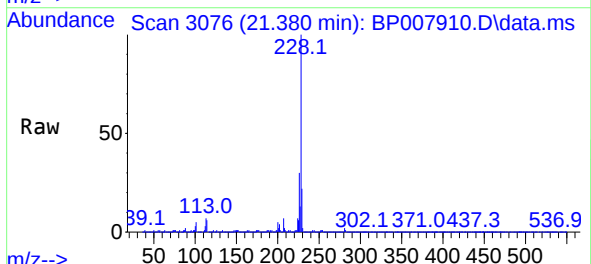
Manual Integrations
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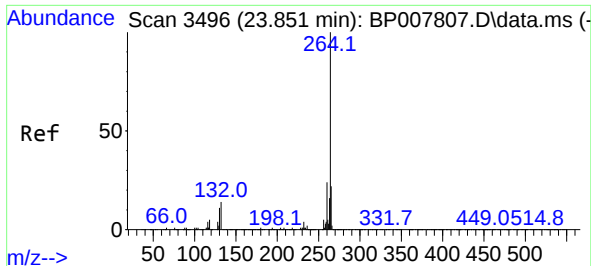
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#83
Chrysene
Concen: 24.954 ng
RT: 21.380 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Tgt Ion:228 Resp: 1370505
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 21.9 15.7 23.5





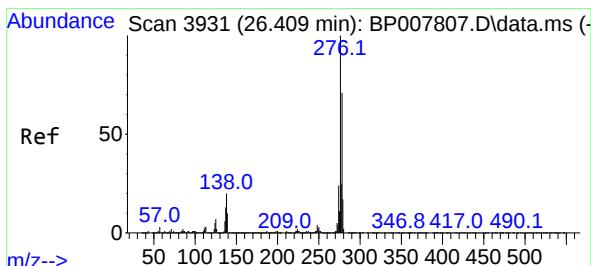
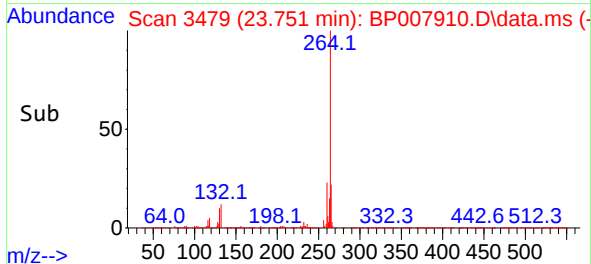
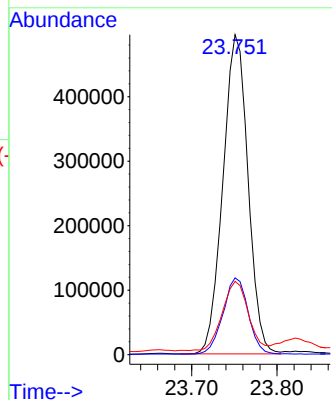
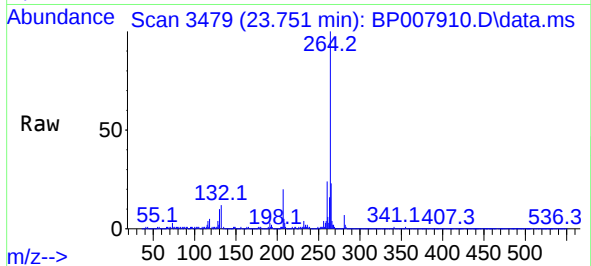
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL

Tgt Ion:264 Resp: 101090
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.9 16.7 25.1

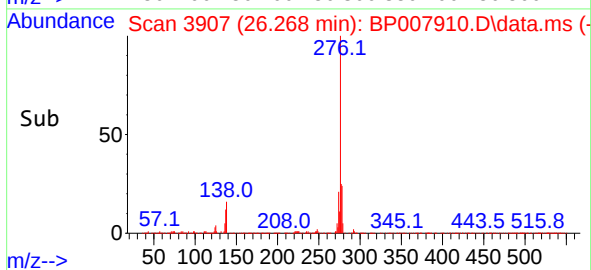
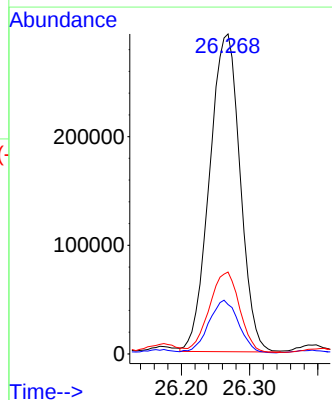
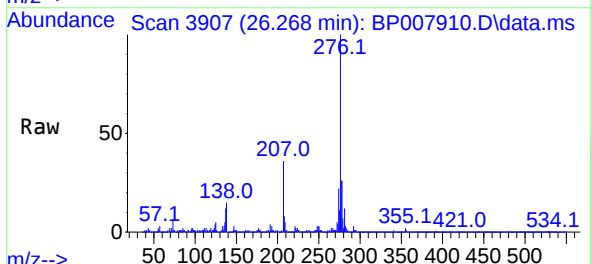
Manual Integrations
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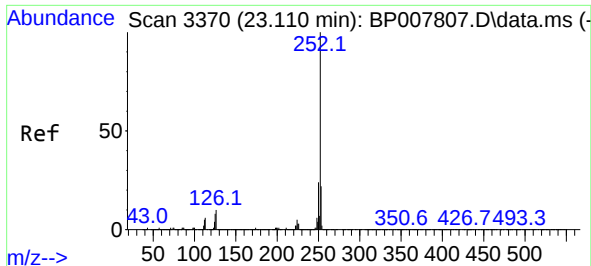
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.103 ng
RT: 26.268 min Scan# 3907
Delta R.T. -0.035 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

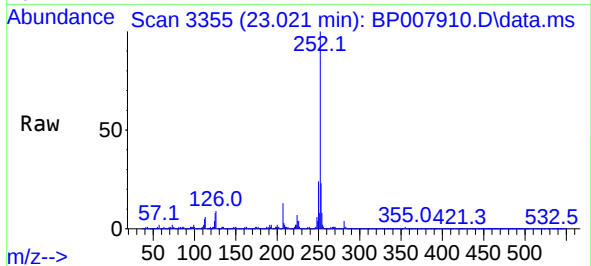
Tgt Ion:276 Resp: 912016
Ion Ratio Lower Upper
276 100
138 16.2 19.4 29.0#
277 25.0 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 29.038 ng
RT: 23.021 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

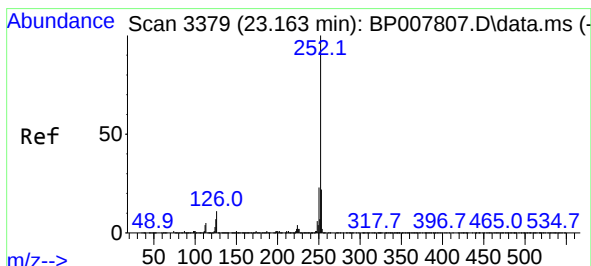
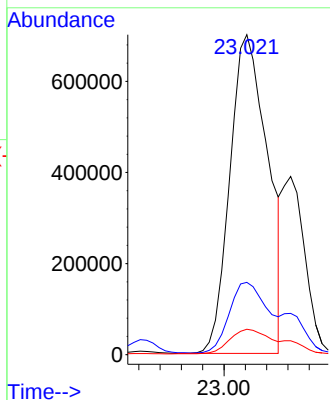
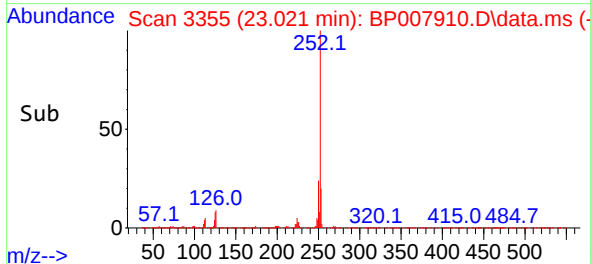
Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



Tgt Ion:252 Resp: 173038
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 7.9 7.4 11.0

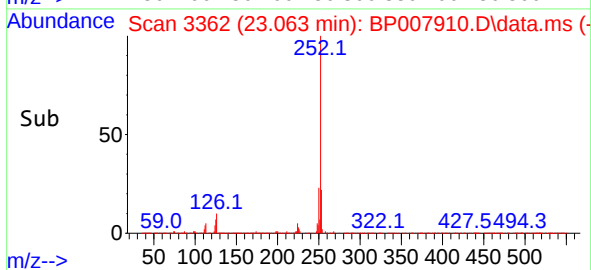
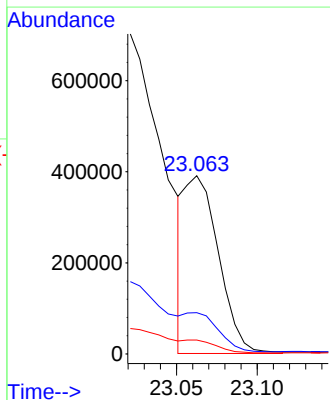
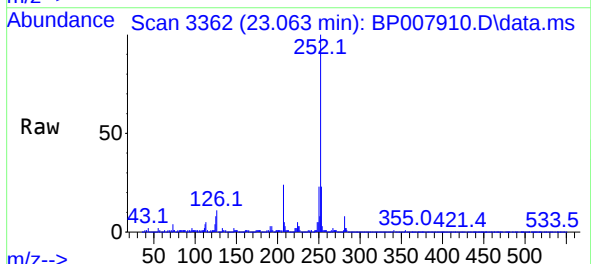
Manual Integrations
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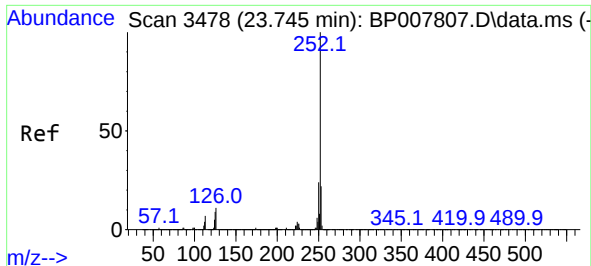
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



#89
Benzo(k)fluoranthene
Concen: 9.648 ng m
RT: 23.063 min Scan# 3362
Delta R.T. -0.018 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

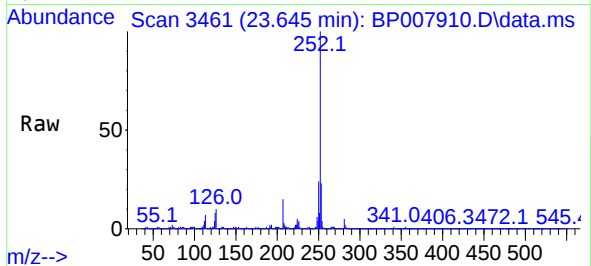
Tgt Ion:252 Resp: 570632
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 7.8 7.4 11.0





#90
Benzo(a)pyrene
Concen: 24.139 ng m
RT: 23.645 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

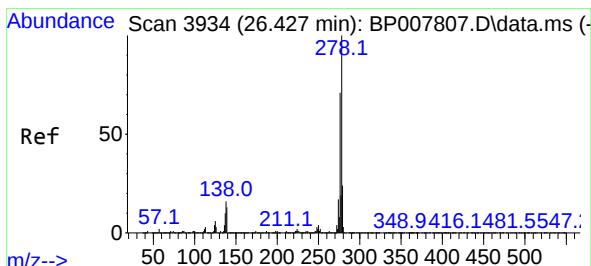
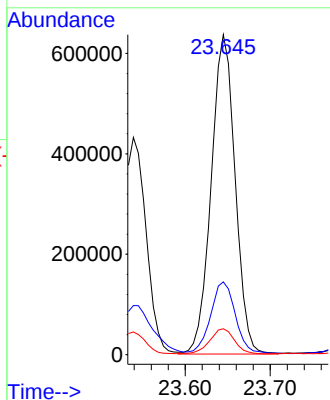
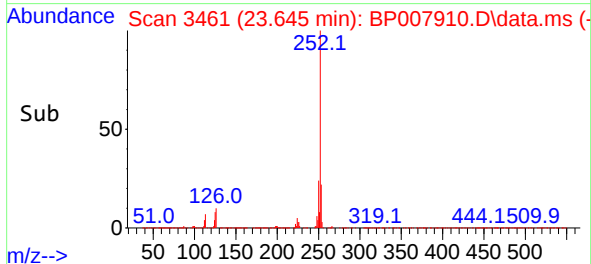
Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



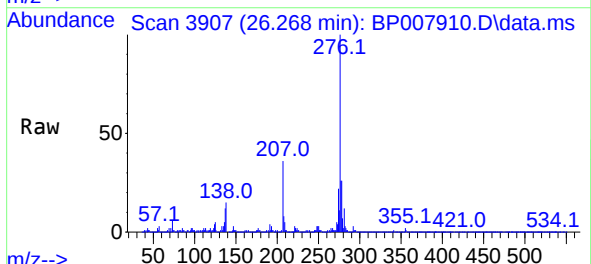
Tgt Ion:252 Resp: 1245530
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 8.1 8.4 12.6

Manual Integrations
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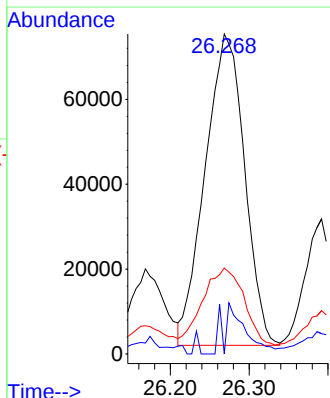
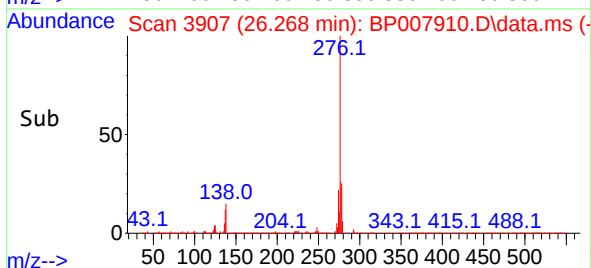
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

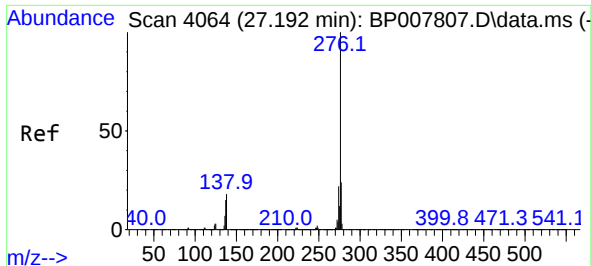


#91
Dibenzo(a,h)anthracene
Concen: 4.092 ng m
RT: 26.268 min Scan# 3907
Delta R.T. -0.053 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34



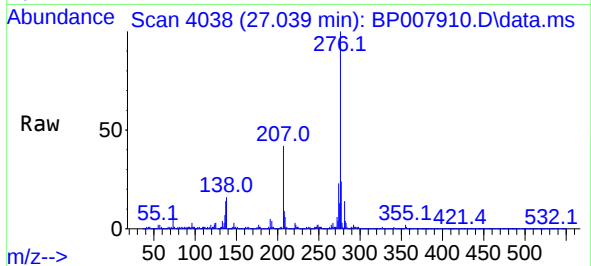
Tgt Ion:278 Resp: 255575
Ion Ratio Lower Upper
278 100
139 0.0 11.8 17.6#
279 26.9 18.6 27.8





#92
Benzo(g,h,i)perylene
Concen: 14.159 ng
RT: 27.039 min Scan# 4064
Delta R.T. -0.041 min
Lab File: BP007910.D
Acq: 10 Nov 2021 02:34

Instrument :
BNA_P
ClientSampleId :
CL-02-110521DL



Tgt Ion:276 Resp: 877280
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 16.2 16.2 24.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

