

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008775.D
 Acq On : 12 Jan 2022 15:47
 Operator : CG/JU
 Sample : N1098-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 14-CON

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/13/2022
 Supervised By : Jagrut Upadhyay 01/13/2022

Quant Time: Jan 13 06:59:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	446986	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1760292	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1173867	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2442530	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2228658	20.000	ng	0.00
86) Perylene-d12	23.774	264	1964168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2379708	83.370	ng	0.00
7) Phenol-d6	7.040	99	3090845	80.662	ng	0.00
23) Nitrobenzene-d5	9.022	82	1917606	61.694	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1114136	56.257	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5118598	61.303	ng	0.00
79) Terphenyl-d14	19.816	244	7787877	71.211	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.222	152	956612	8.573	ng	100
58) Fluorene	15.551	166	183825	2.072	ng	98
71) Phenanthrene	17.298	178	2875974	21.192	ng	99
72) Anthracene	17.392	178	1253689	9.046	ng	99
73) Carbazole	17.657	167	431282	3.395	ng	99
75) Fluoranthene	19.269	202	8333472	51.281	ng	99
78) Pyrene	19.622	202	7890657	54.148	ng	99
81) Benzo(a)anthracene	21.333	228	4316793	29.525	ng	98
83) Chrysene	21.386	228	4287516	30.399	ng	98
84) Bis(2-ethylhexyl)phtha...	21.263	149	291569	3.352	ng	97
87) Indeno(1,2,3-cd)pyrene	26.304	276	3423009	21.810	ng	96
88) Benzo(b)fluoranthene	23.039	252	6642004m	51.754	ng	
89) Benzo(k)fluoranthene	23.080	252	1745072m	14.529	ng	
90) Benzo(a)pyrene	23.668	252	4194427	33.815	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	838307	6.321	ng	# 82
92) Benzo(g,h,i)perylene	27.092	276	3451893	26.223	ng	100

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

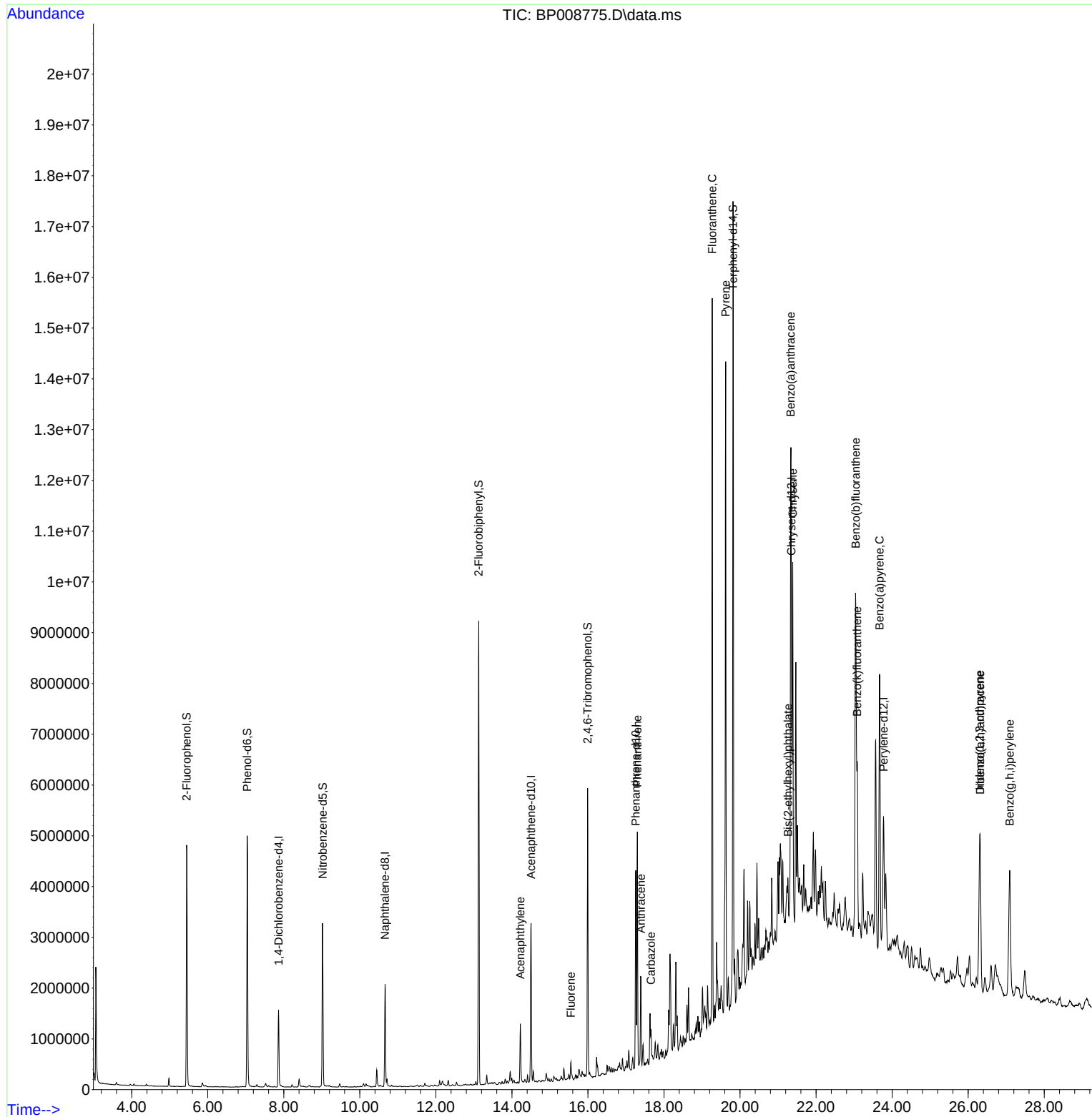
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
Data File : BP008775.D
Acq On : 12 Jan 2022 15:47
Operator : CG/JU
Sample : N1098-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

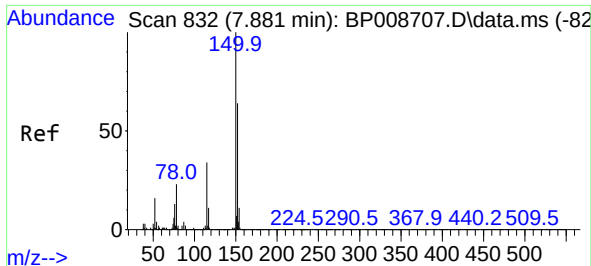
Instrument :
BNA_P
ClientSampleId :
14-CON

Quant Time: Jan 13 06:59:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

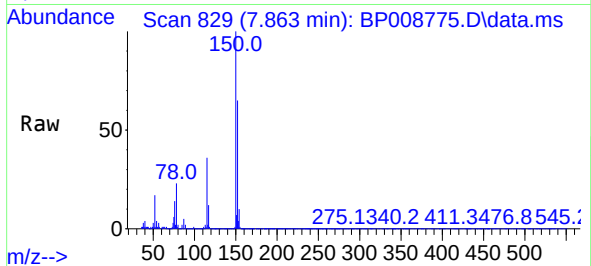
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

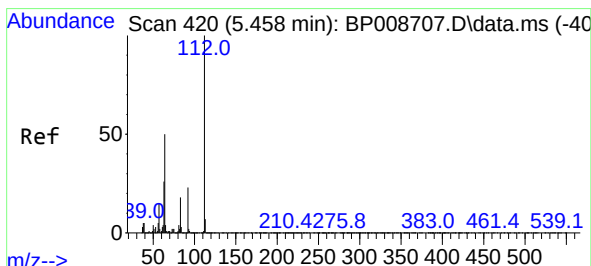
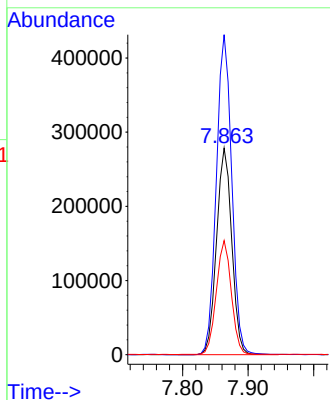
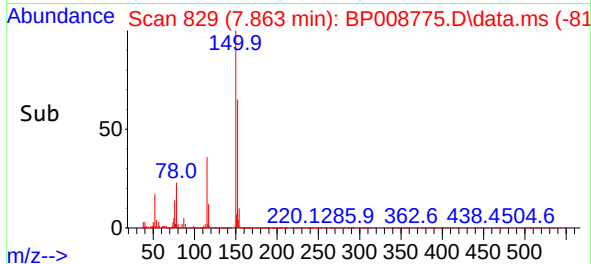
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:152 Resp: 446980
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 55.2 43.7 65.5

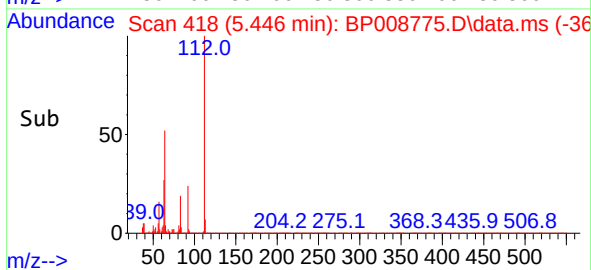
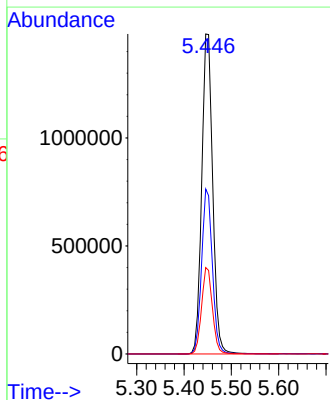
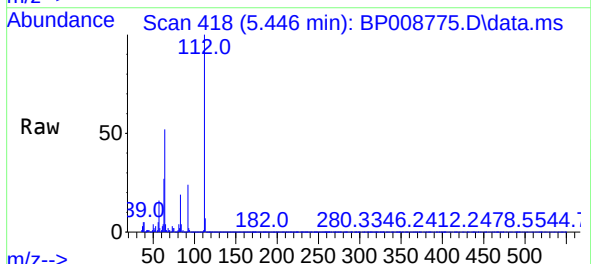
Manual Integrations
APPROVED

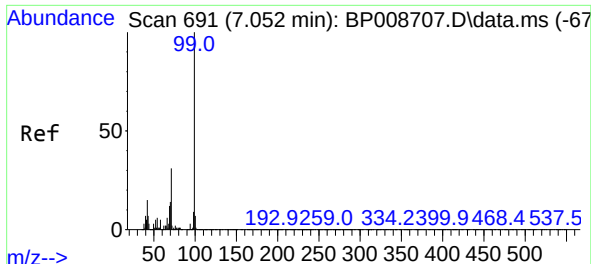
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#5
2-Fluorophenol
Concen: 83.370 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

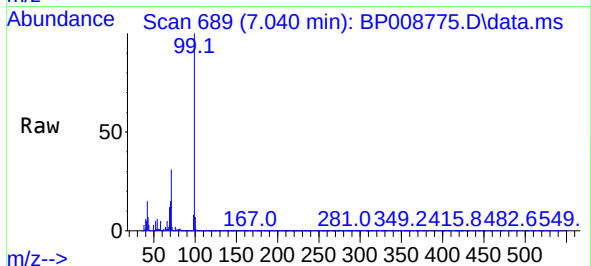
Tgt Ion:112 Resp: 2379708
Ion Ratio Lower Upper
112 100
64 51.6 39.7 59.5
63 27.0 20.0 30.0





#7
Phenol-d6
Concen: 80.662 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

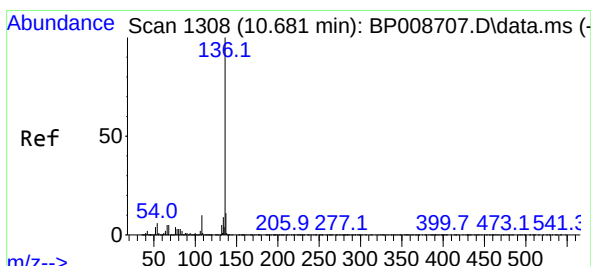
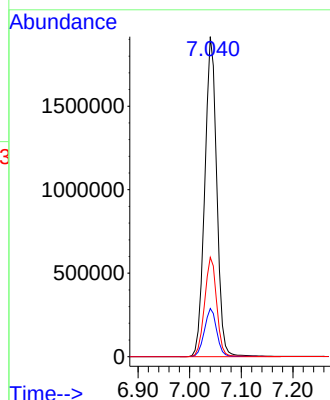
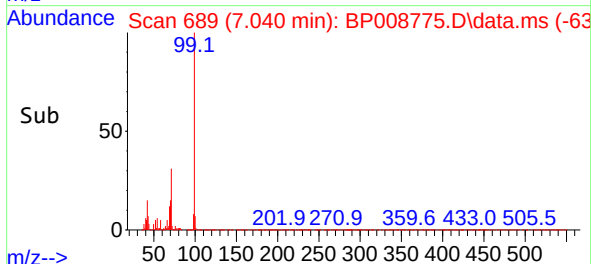
Instrument :
BNA_P
ClientSampleId :
14-CON



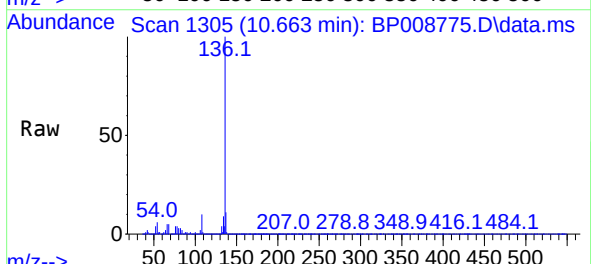
Tgt Ion: 99 Resp: 309084
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.1 23.8 35.6

Manual Integrations
APPROVED

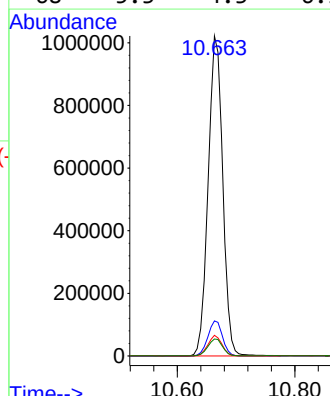
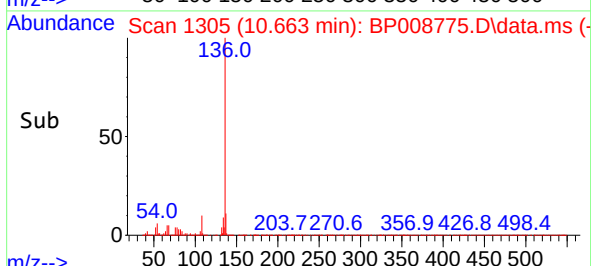
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

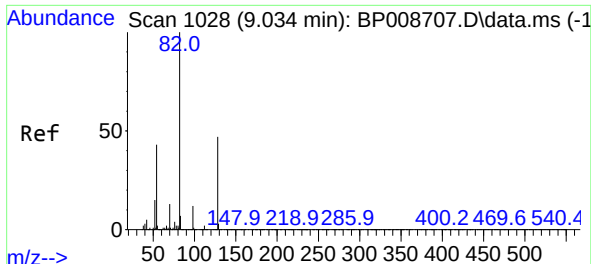


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47



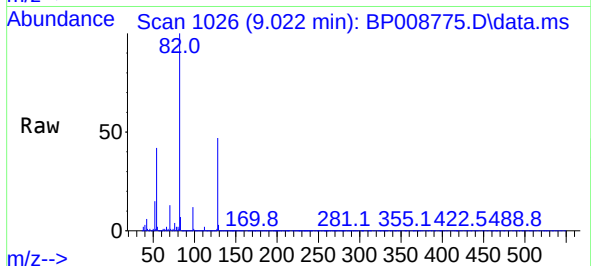
Tgt Ion:136 Resp: 1760292
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.4 4.9 7.3
68 5.3 4.3 6.5





#23
Nitrobenzene-d5
Concen: 61.694 ng
RT: 9.022 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

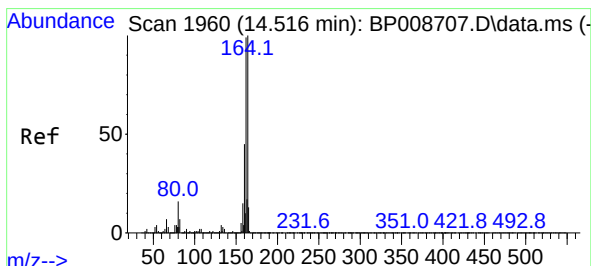
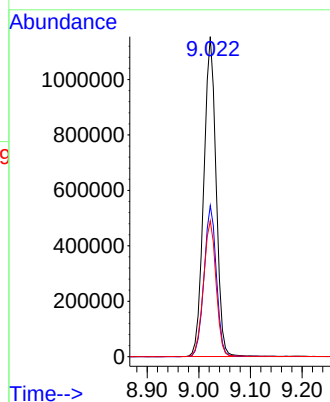
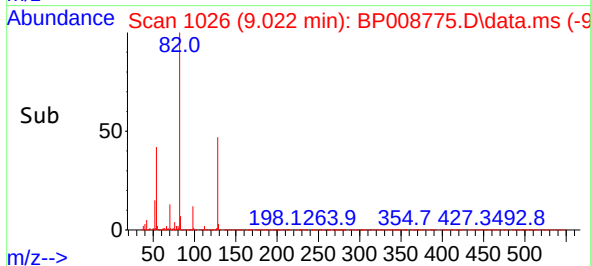
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion: 82 Resp: 1917600
Ion Ratio Lower Upper
82 100
128 47.2 39.4 59.2
54 42.5 32.6 48.8

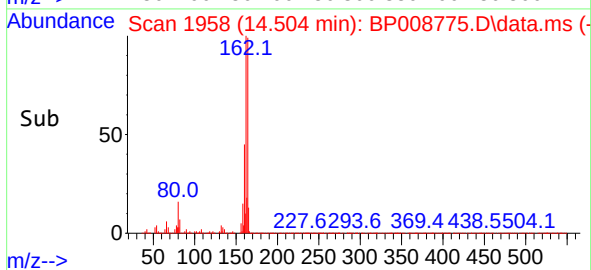
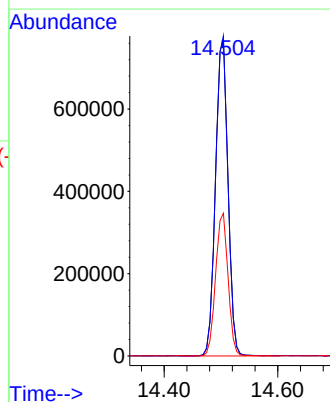
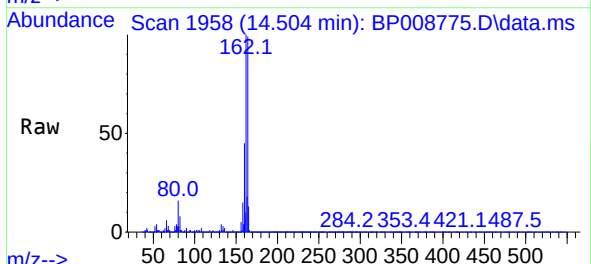
Manual Integrations
APPROVED

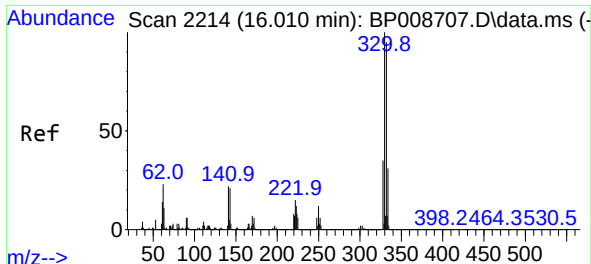
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

Tgt Ion:164 Resp: 1173867
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 45.1 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 56.257 ng
RT: 15.992 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

Instrument :

BNA_P

ClientSampleId :

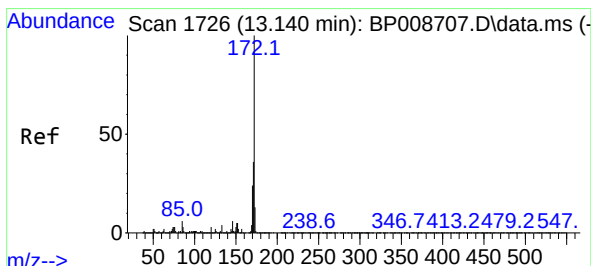
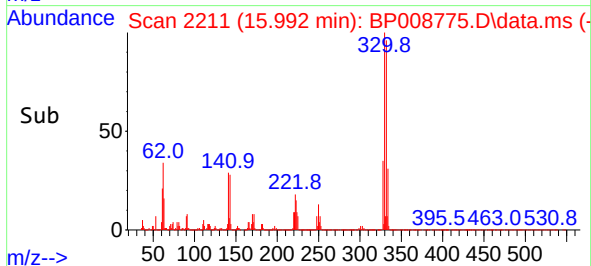
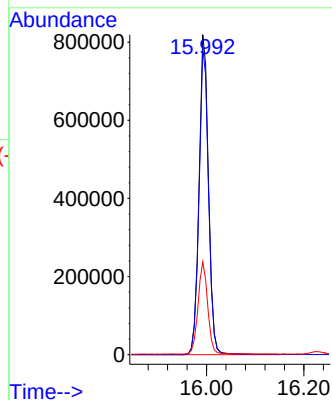
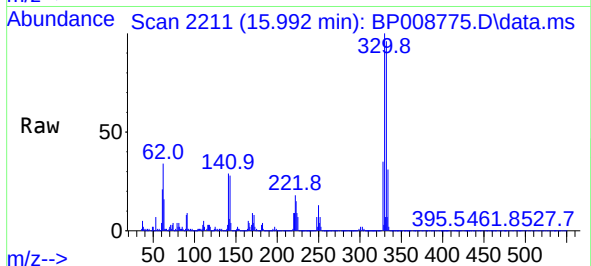
14-CON

Tgt Ion:330 Resp: 1114130
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 29.1 21.3 31.9

Manual Integrations

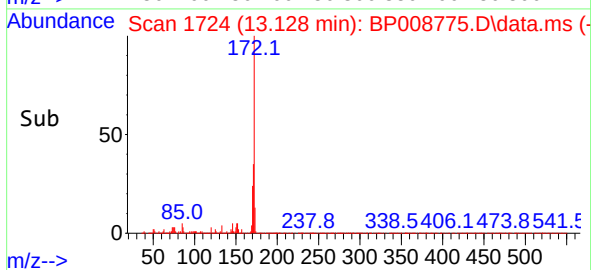
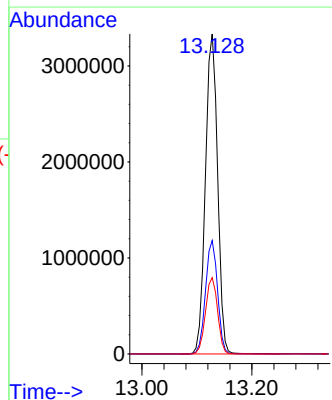
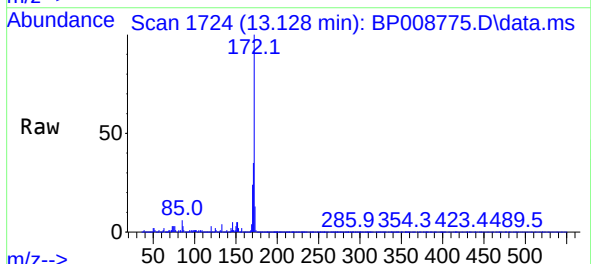
APPROVED

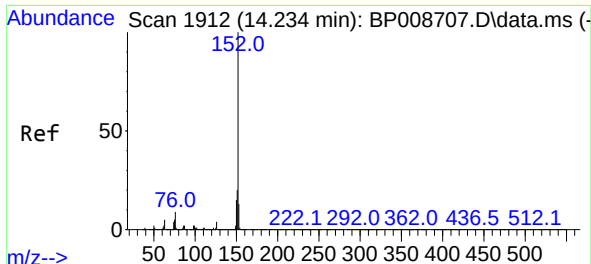
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#45
2-Fluorobiphenyl
Concen: 61.303 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

Tgt Ion:172 Resp: 5118598
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.9 19.5 29.3





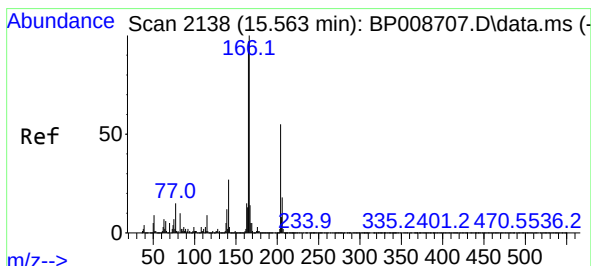
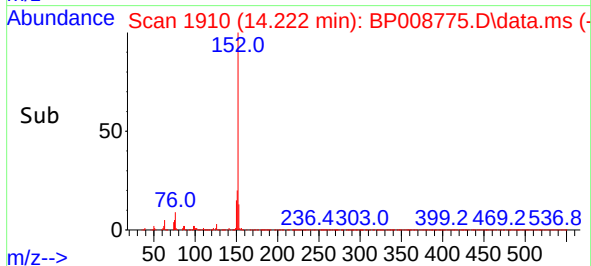
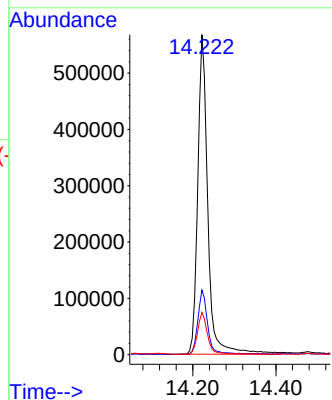
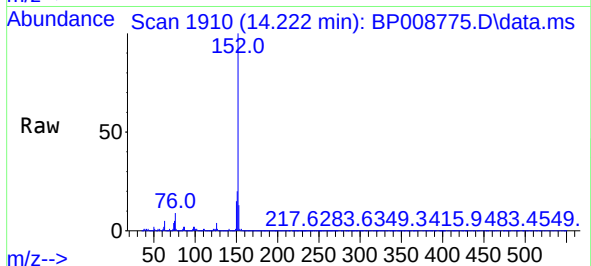
#49
Acenaphthylene
Concen: 8.573 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

Instrument :
BNA_P
ClientSampleId :
14-CON

Tgt Ion:152 Resp: 95661
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.2 10.6 16.0

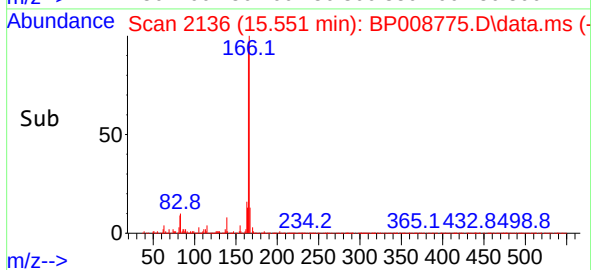
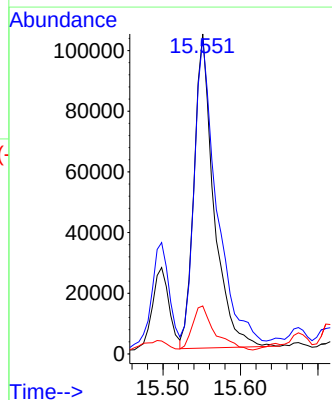
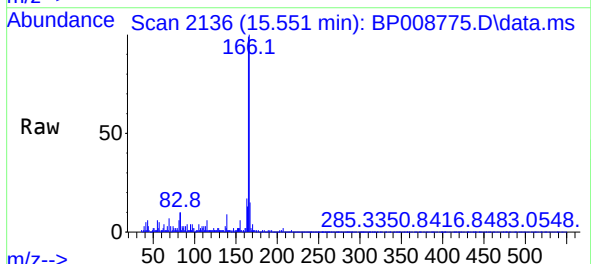
Manual Integrations
APPROVED

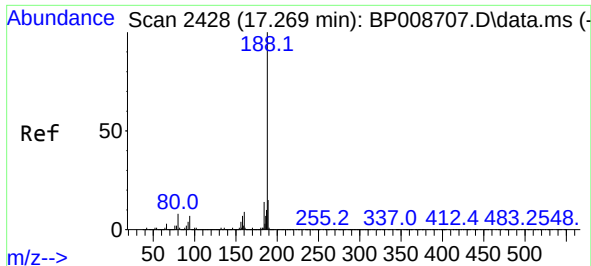
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#58
Fluorene
Concen: 2.072 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

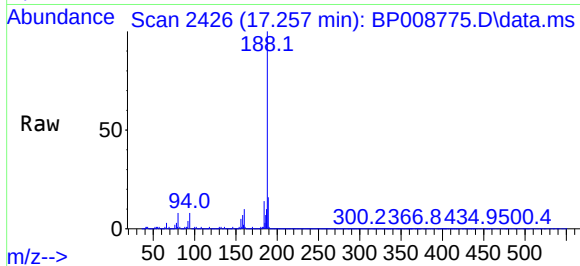
Tgt Ion:166 Resp: 183825
Ion Ratio Lower Upper
166 100
165 98.7 77.2 115.8
167 15.0 11.2 16.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

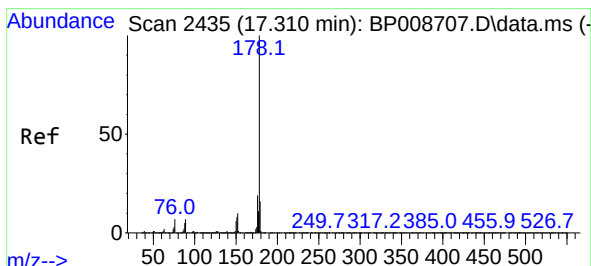
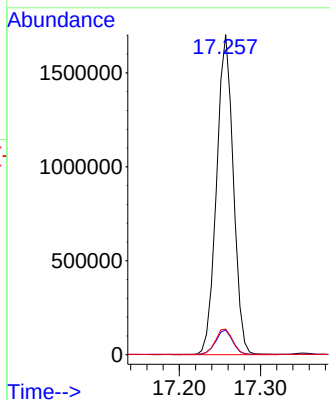
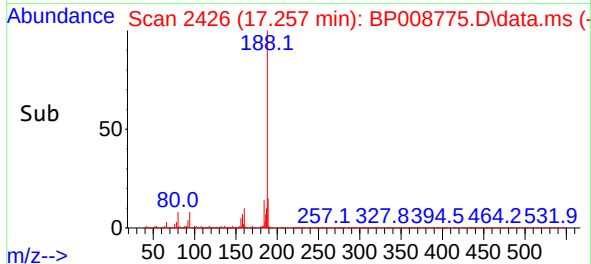
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:188 Resp: 2442530
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.0 7.2 10.8

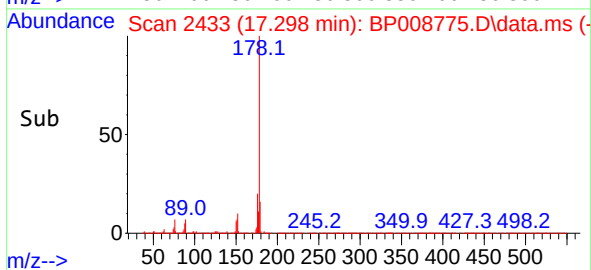
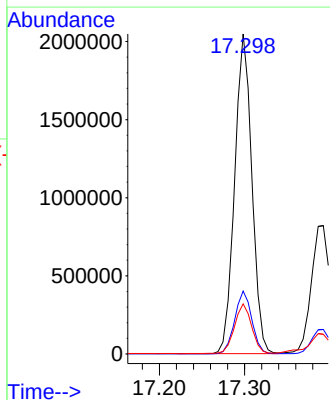
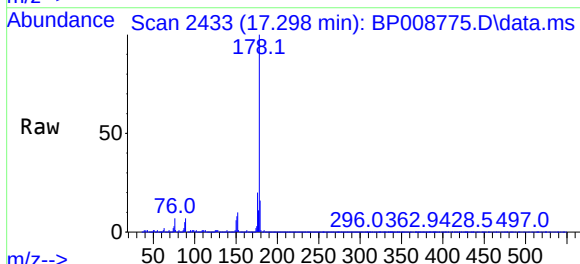
Manual Integrations
APPROVED

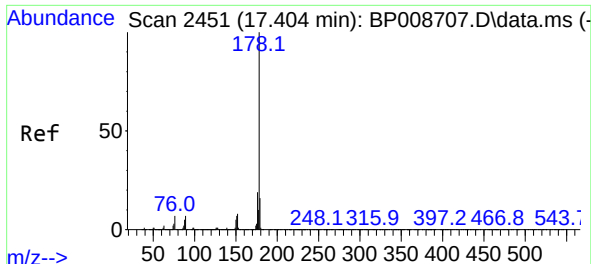
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#71
Phenanthrene
Concen: 21.192 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

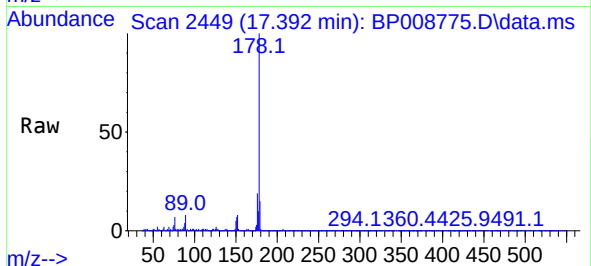
Tgt Ion:178 Resp: 2875974
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 13.0 19.4





#72
 Anthracene
 Concen: 9.046 ng
 RT: 17.392 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BP008775.D
 Acq: 12 Jan 2022 15:47

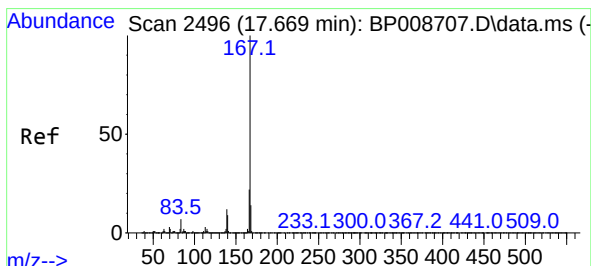
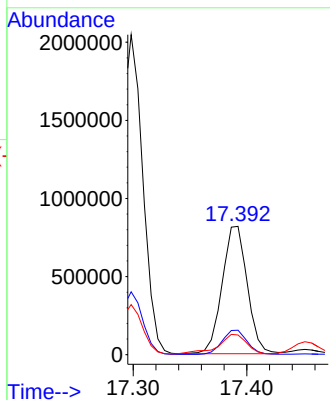
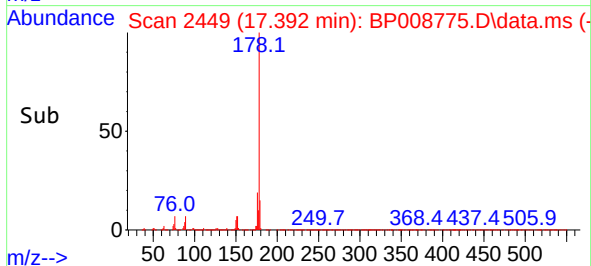
Instrument :
 BNA_P
 ClientSampleId :
 14-CON



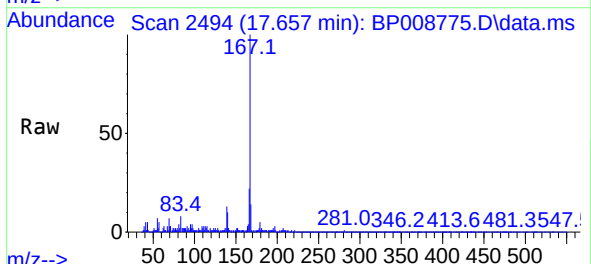
Tgt Ion:178 Resp: 1253689
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.3 12.8 19.2

Manual Integrations
 APPROVED

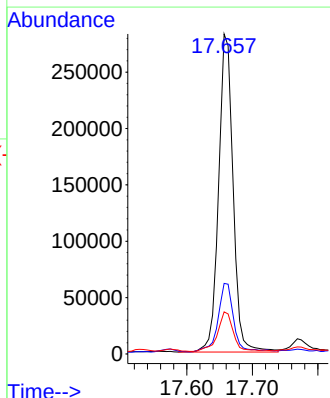
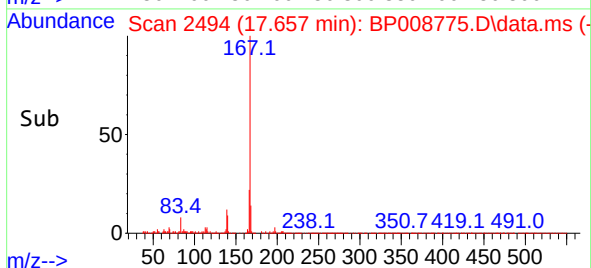
Reviewed By :Christian Giraldo 01/13/2022
 Supervised By :Jagrut Upadhyay 01/13/2022

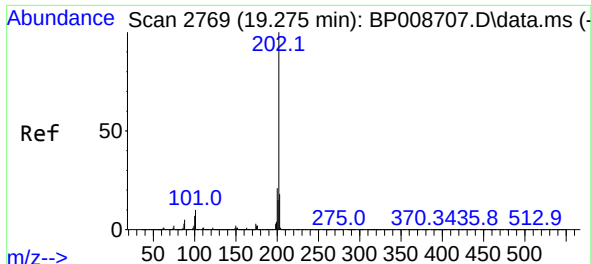


#73
 Carbazole
 Concen: 3.395 ng
 RT: 17.657 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BP008775.D
 Acq: 12 Jan 2022 15:47



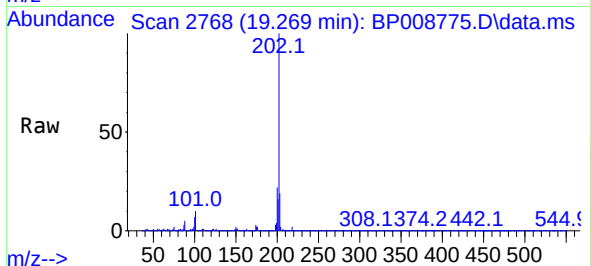
Tgt Ion:167 Resp: 431282
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 9.8 14.6





#75
Fluoranthene
Concen: 51.281 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

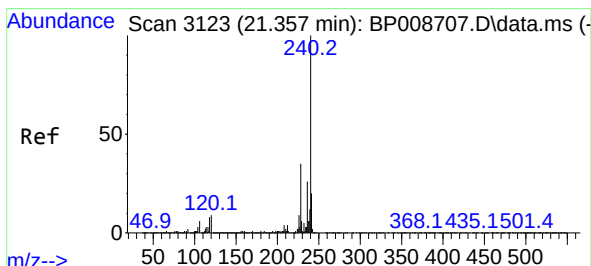
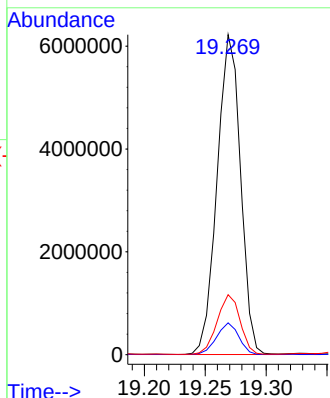
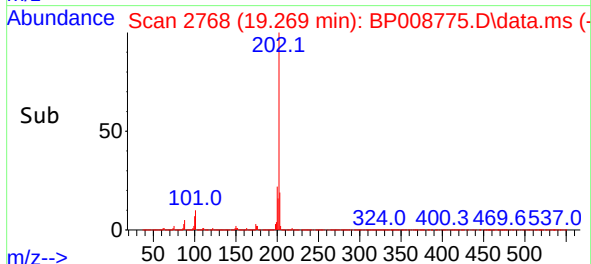
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:202 Resp: 8333472
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 18.8 0.0 38.9

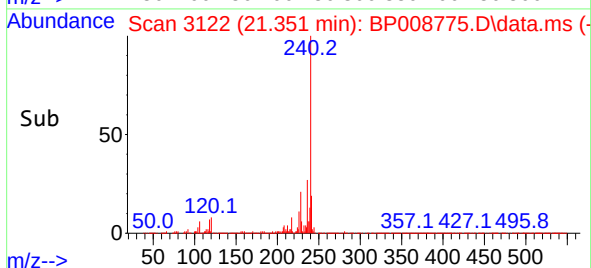
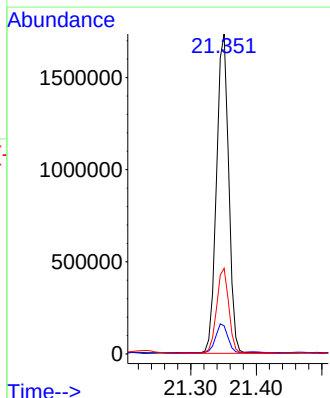
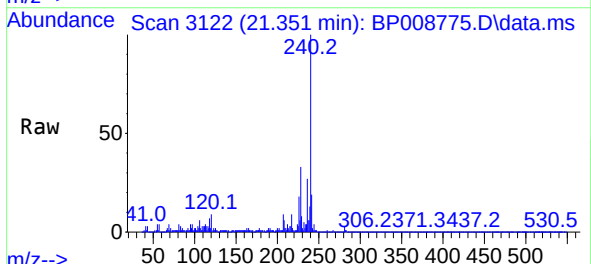
Manual Integrations
APPROVED

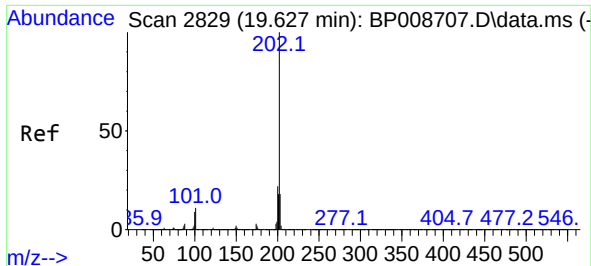
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

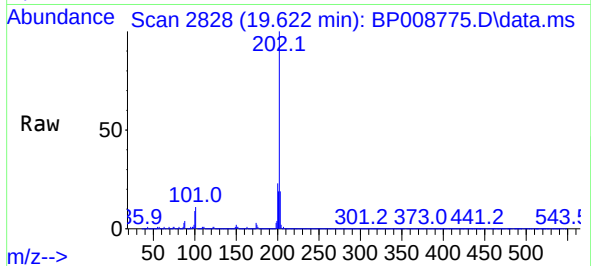
Tgt Ion:240 Resp: 2228658
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.8 21.2 31.8





#78
Pyrene
Concen: 54.148 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

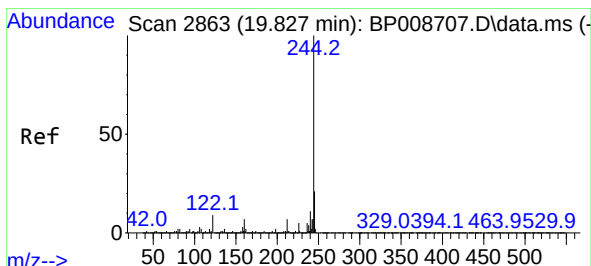
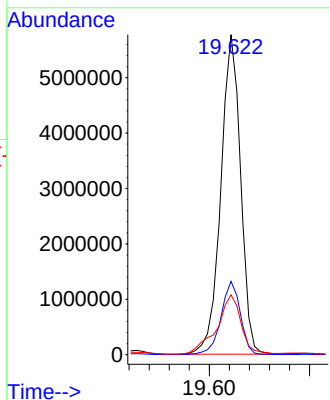
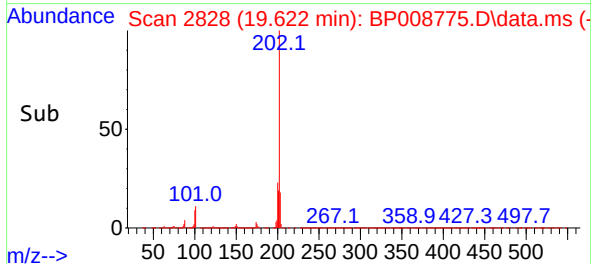
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:202 Resp: 789065
Ion Ratio Lower Upper
202 100
200 22.9 18.0 27.0
203 18.7 15.0 22.6

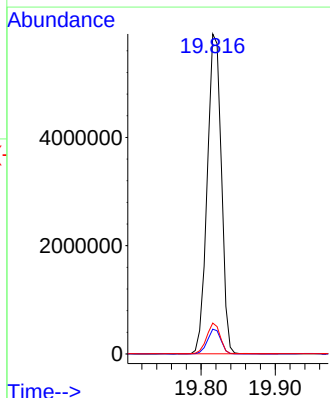
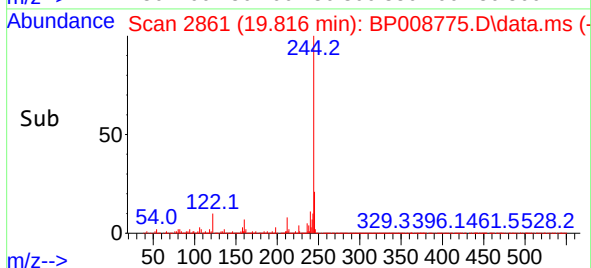
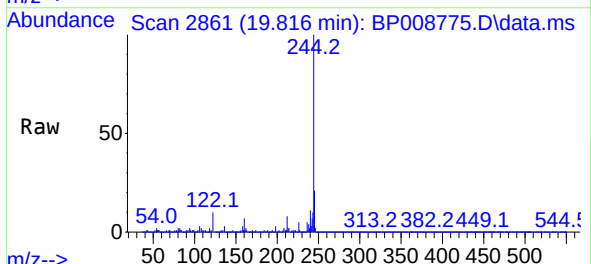
Manual Integrations
APPROVED

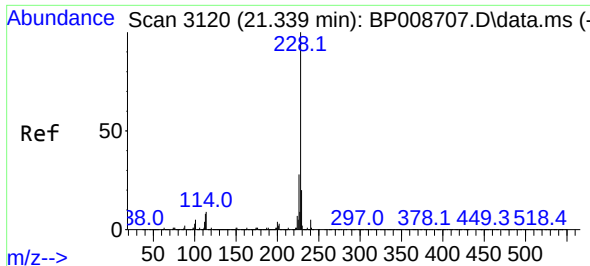
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#79
Terphenyl-d14
Concen: 71.211 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

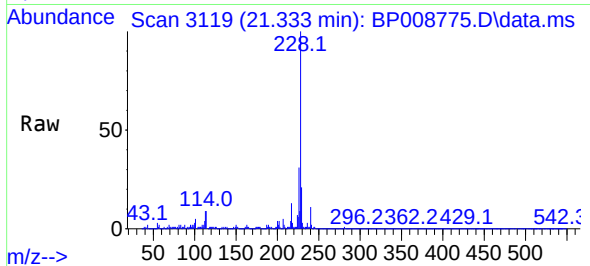
Tgt Ion:244 Resp: 7787877
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.7 9.2 13.8





#81
Benzo(a)anthracene
Concen: 29.525 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

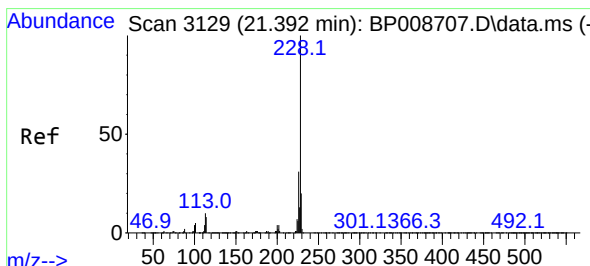
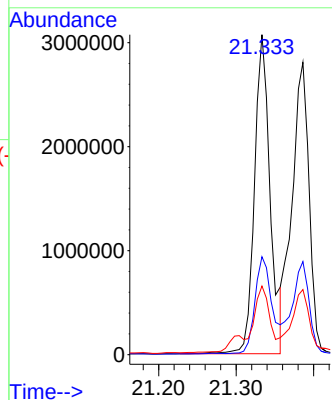
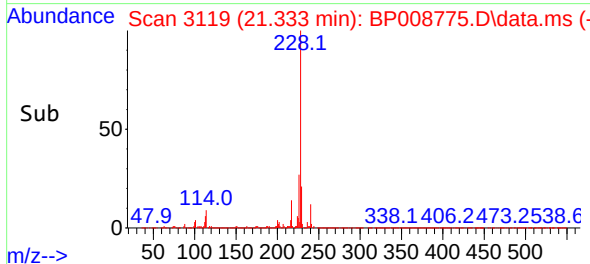
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:228 Resp: 431679
Ion Ratio Lower Upper
228 100
226 30.6 23.3 34.9
229 21.5 17.0 25.6

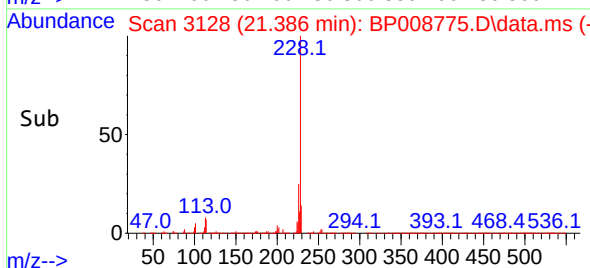
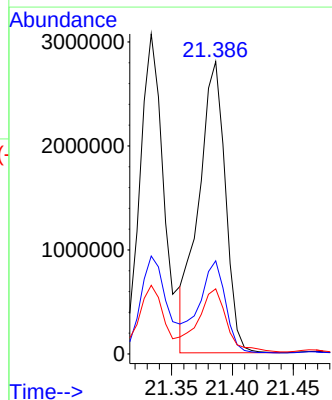
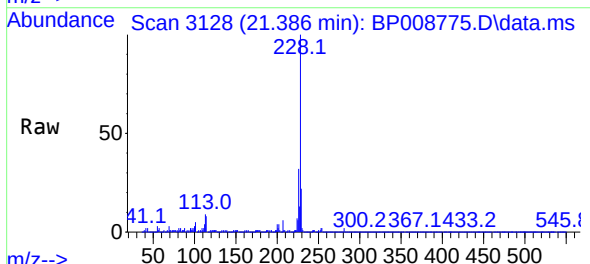
Manual Integrations
APPROVED

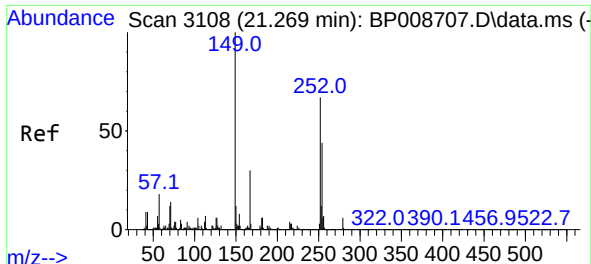
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#83
Chrysene
Concen: 30.399 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

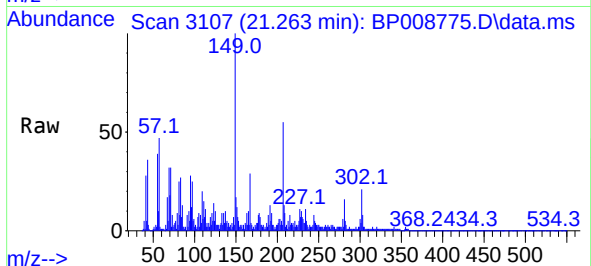
Tgt Ion:228 Resp: 4287516
Ion Ratio Lower Upper
228 100
226 31.8 26.0 39.0
229 22.3 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.352 ng
RT: 21.263 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

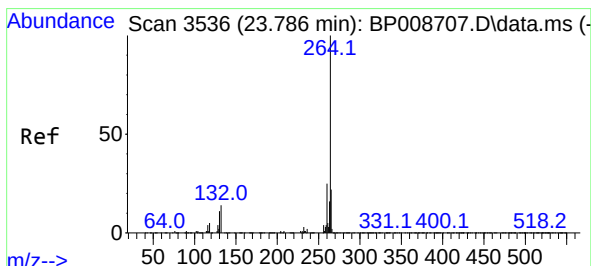
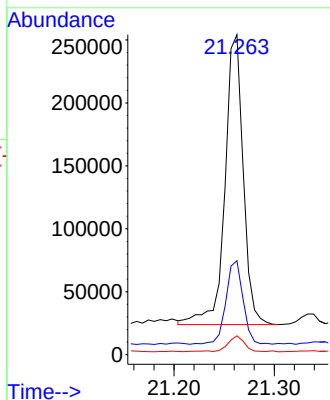
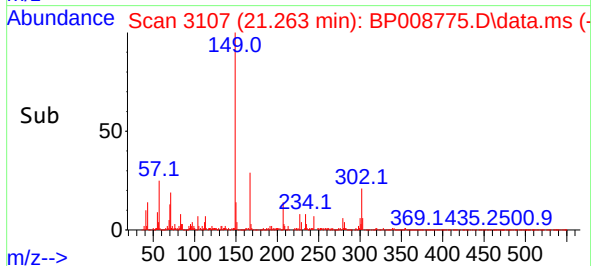
Instrument :
BNA_P
ClientSampleId :
14-CON



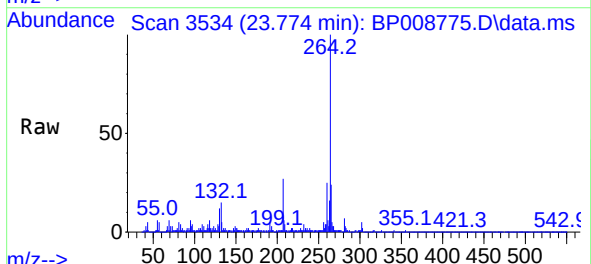
Tgt Ion:149 Resp: 291569
Ion Ratio Lower Upper
149 100
167 29.4 25.0 37.4
279 5.9 4.8 7.2

Manual Integrations
APPROVED

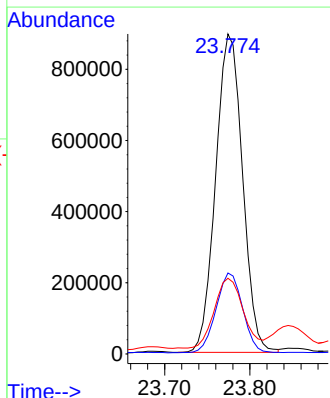
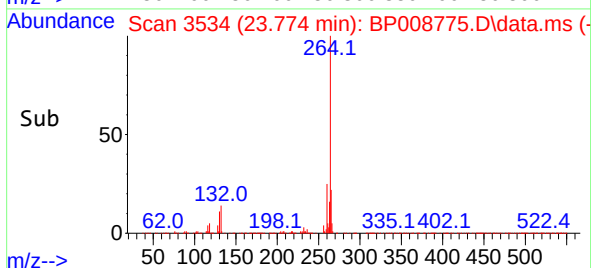
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022

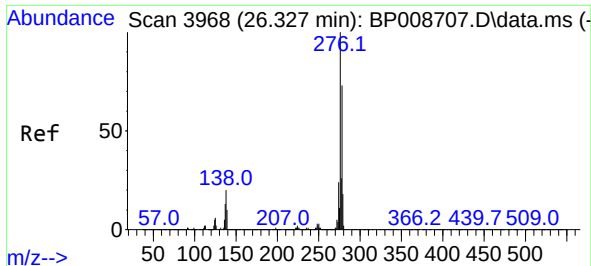


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47



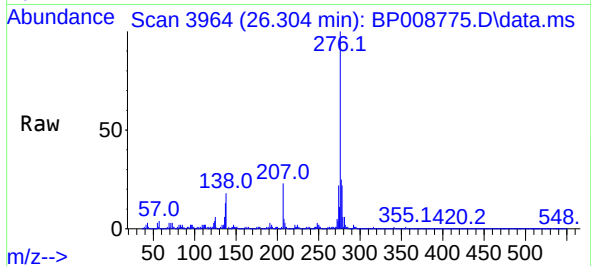
Tgt Ion:264 Resp: 1964168
Ion Ratio Lower Upper
264 100
260 25.3 19.1 28.7
265 23.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 21.810 ng
RT: 26.304 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

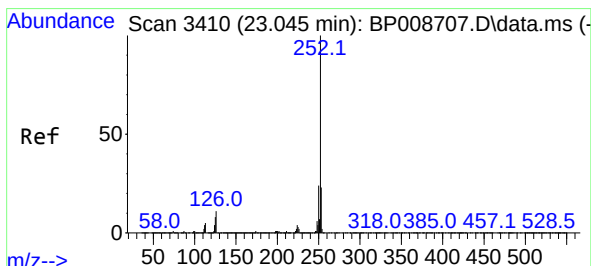
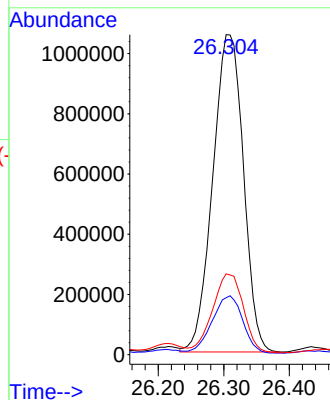
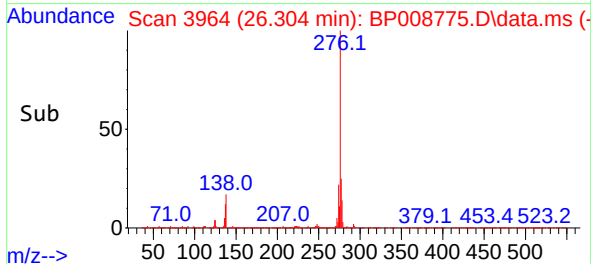
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:276 Resp: 3423009
Ion Ratio Lower Upper
276 100
138 18.0 17.8 26.6
277 25.1 20.4 30.6

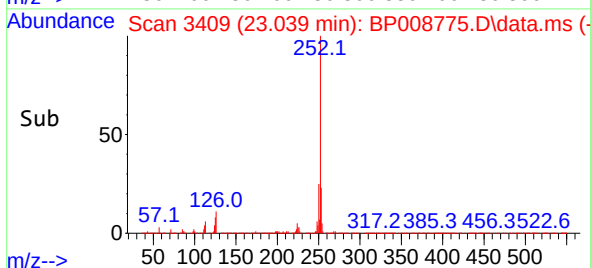
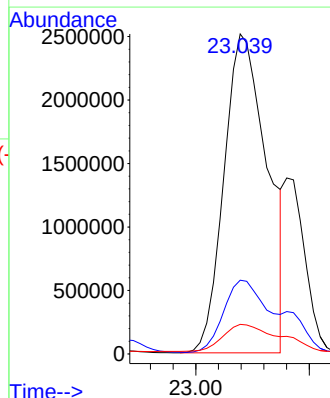
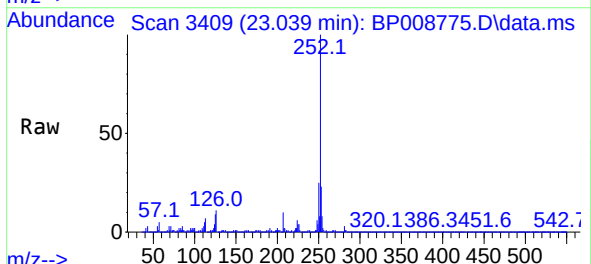
Manual Integrations
APPROVED

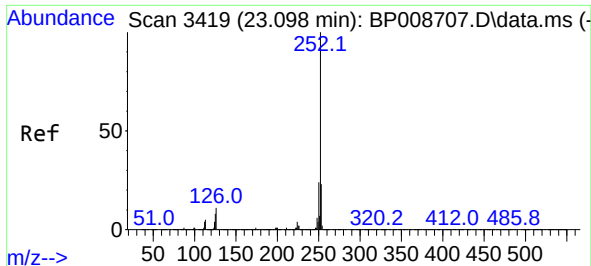
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#88
Benzo(b)fluoranthene
Concen: 51.754 ng m
RT: 23.039 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

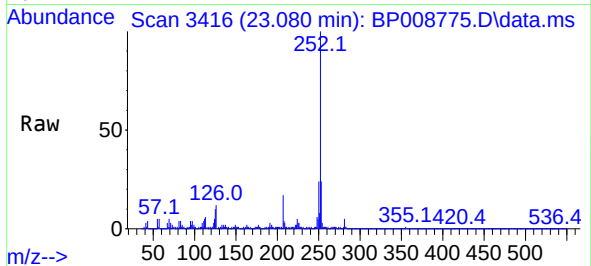
Tgt Ion:252 Resp: 6642004
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 9.3 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 14.529 ng m
RT: 23.080 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

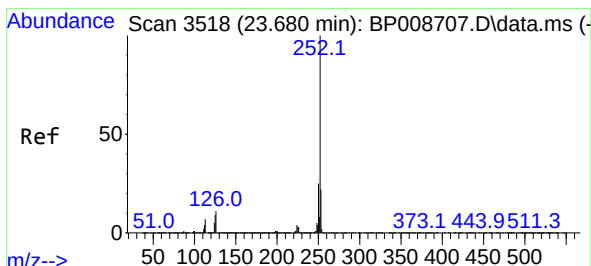
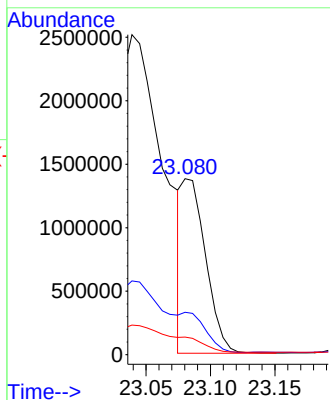
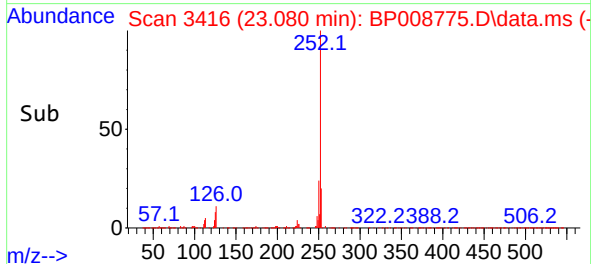
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:252 Resp: 1745072
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 10.0 7.3 10.9

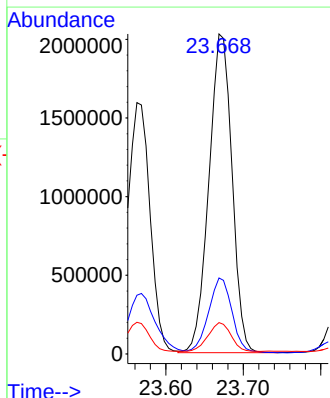
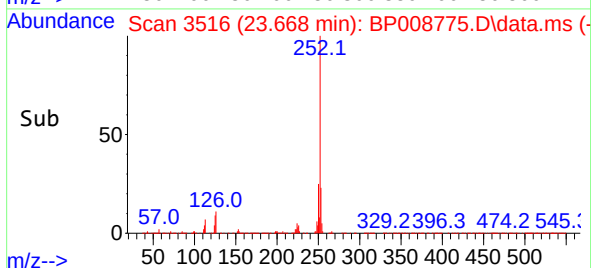
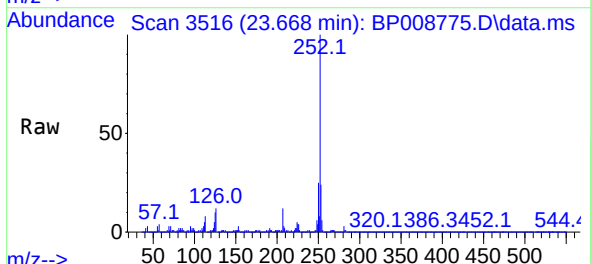
Manual Integrations
APPROVED

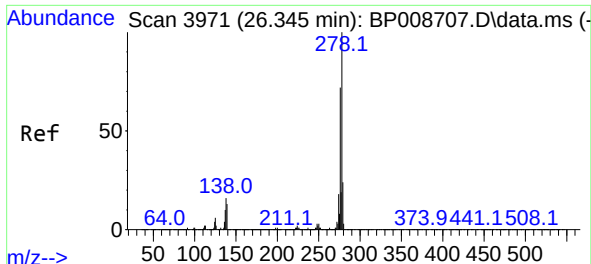
Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#90
Benzo(a)pyrene
Concen: 33.815 ng
RT: 23.668 min Scan# 3516
Delta R.T. 0.006 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

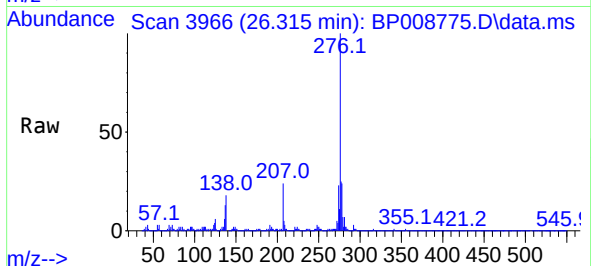
Tgt Ion:252 Resp: 4194427
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.8 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 6.321 ng
RT: 26.315 min Scan# 3971
Delta R.T. -0.000 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

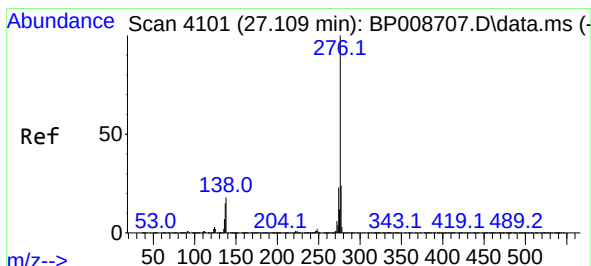
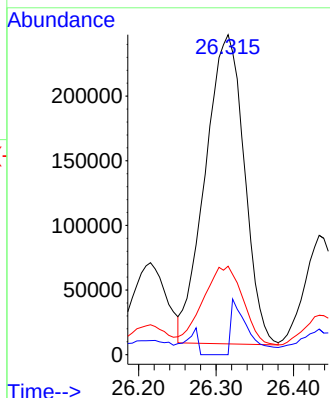
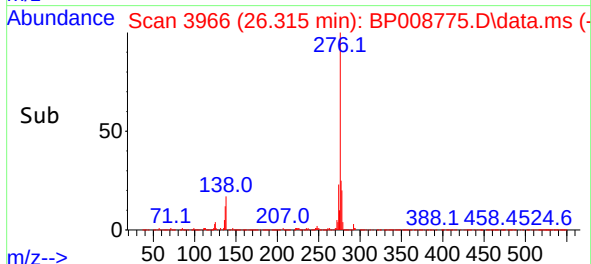
Instrument :
BNA_P
ClientSampleId :
14-CON



Tgt Ion:278 Resp: 838307
Ion Ratio Lower Upper
278 100
139 0.0 11.5 17.3
279 27.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/13/2022
Supervised By :Jagrut Upadhyay 01/13/2022



#92
Benzo(g,h,i)perylene
Concen: 26.223 ng
RT: 27.092 min Scan# 4098
Delta R.T. 0.017 min
Lab File: BP008775.D
Acq: 12 Jan 2022 15:47

Tgt Ion:276 Resp: 3451893
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 18.8 15.0 22.4

