

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009414.D
 Acq On : 16 Mar 2022 00:08
 Operator : CG/JU
 Sample : N1894-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP3(0-10)

Quant Time: Mar 16 01:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	344140	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1393028	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	911723	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1903523	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1882862	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2093440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	663854	28.158	ng	0.01
7) Phenol-d6	7.010	99	823715	27.493	ng	0.02
23) Nitrobenzene-d5	8.963	82	537440	21.250	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	482632	43.839	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1358065	20.485	ng	-0.01
79) Terphenyl-d14	19.792	244	2182628	21.876	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.175	152	351649	4.037	ng	99
71) Phenanthrene	17.257	178	387343	3.541	ng	99
72) Anthracene	17.351	178	330037	3.031	ng	98
75) Fluoranthene	19.239	202	1897868	15.030	ng	98
78) Pyrene	19.592	202	1560964	12.279	ng	99
81) Benzo(a)anthracene	21.310	228	1052100	8.244	ng	96
83) Chrysene	21.362	228	929006	7.498	ng	97
84) Bis(2-ethylhexyl)phtha...	21.245	149	3551034	48.388	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.250	276	946539	5.819	ng	# 91
88) Benzo(b)fluoranthene	23.009	252	1618339m	11.449	ng	
89) Benzo(k)fluoranthene	23.051	252	523827m	3.879	ng	
90) Benzo(a)pyrene	23.633	252	1016525	7.583	ng	98
92) Benzo(g,h,i)perylene	27.021	276	968256	7.106	ng	95

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

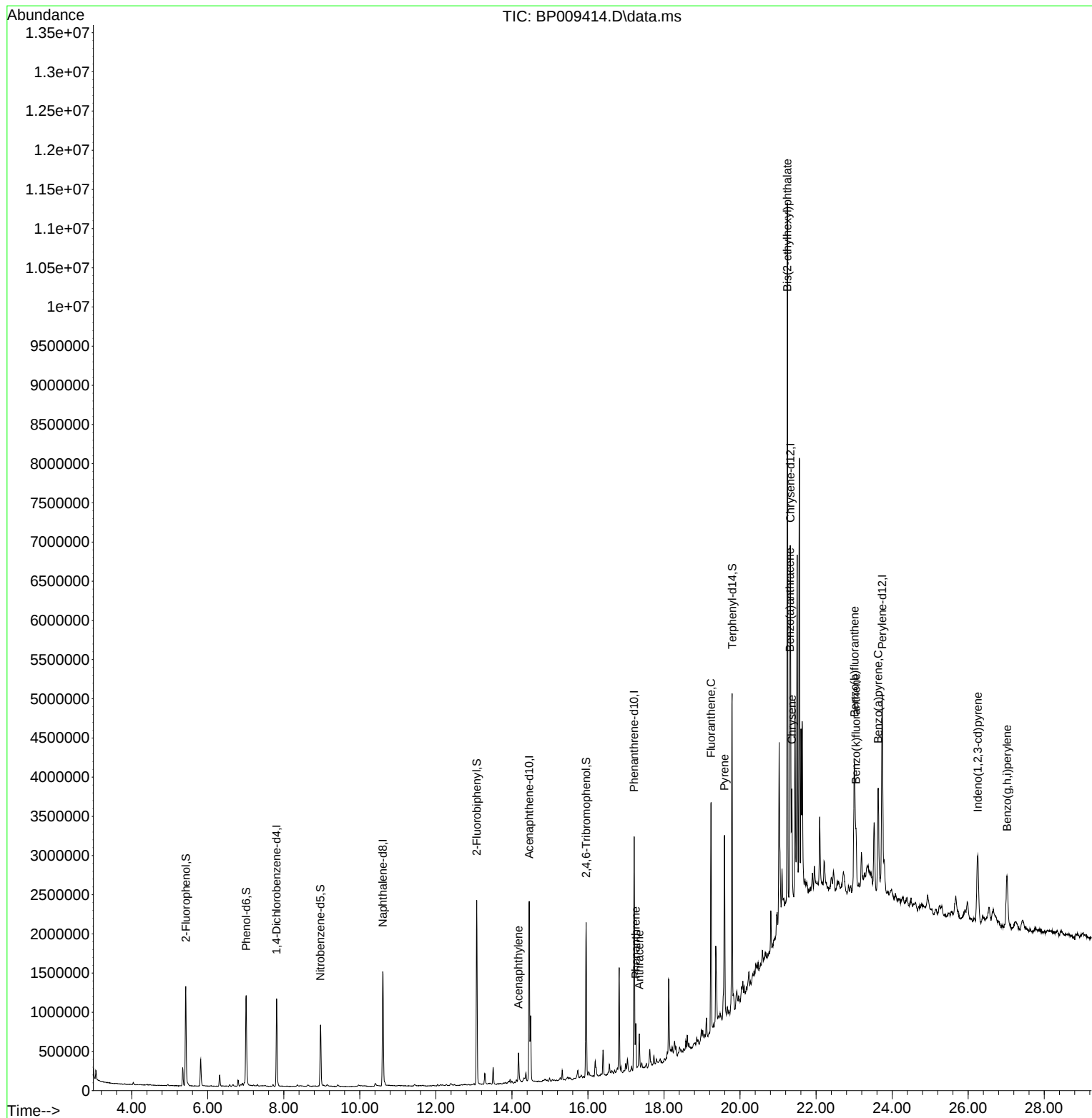
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009414.D
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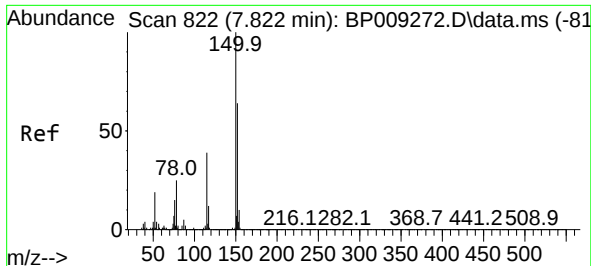
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Quant Time: Mar 16 01:59:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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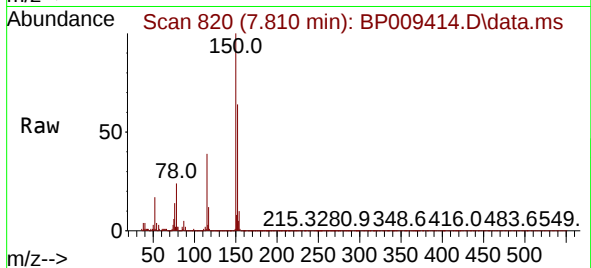
Reviewed By : Christian Giraldo 03/16/2022
Supervised By : Jagrut Upadhyay 03/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

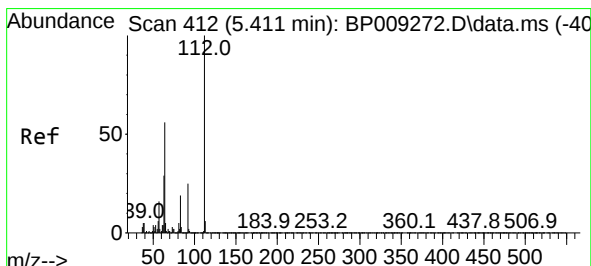
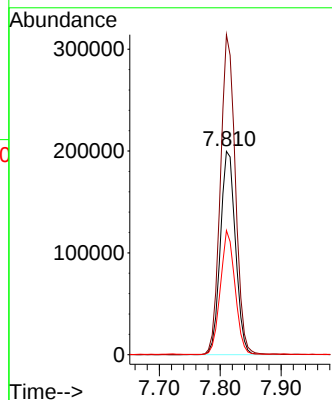
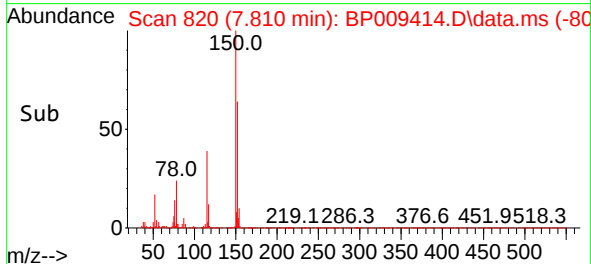
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)



Tgt Ion:152 Resp: 344140
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 61.0 48.2 72.4

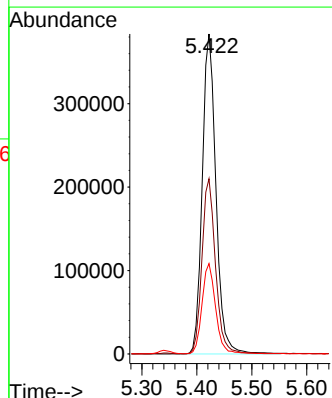
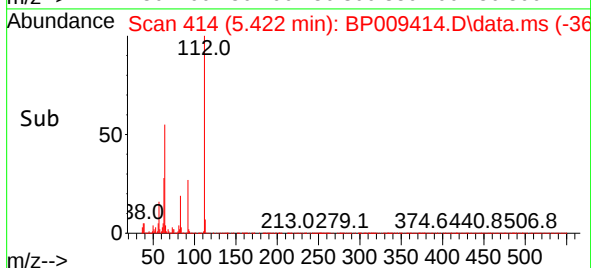
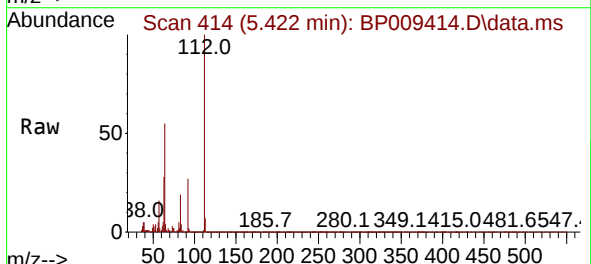
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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#5
2-Fluorophenol
Concen: 28.158 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:112 Resp: 663854
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.3 23.0 34.6





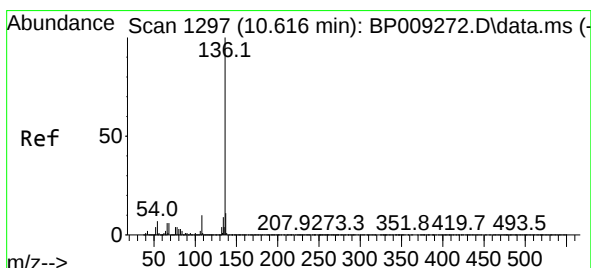
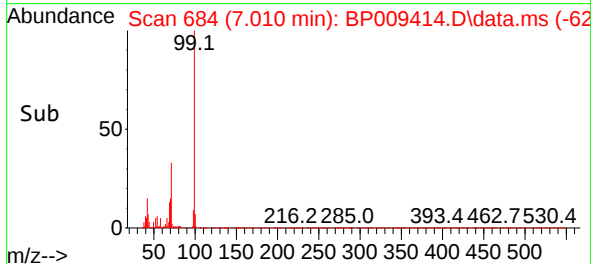
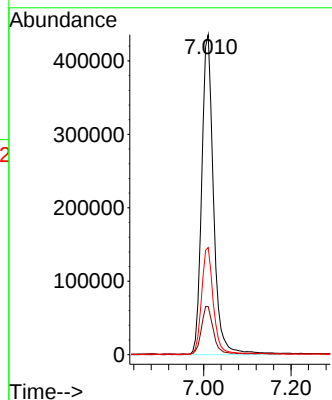
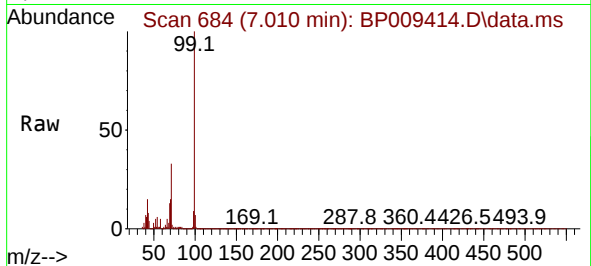
#7
Phenol-d6
Concen: 27.493 ng
RT: 7.010 min Scan# 60
Delta R.T. 0.023 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion: 99 Resp: 82371
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.5 26.3 39.5

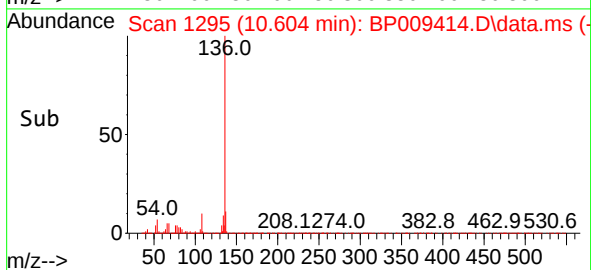
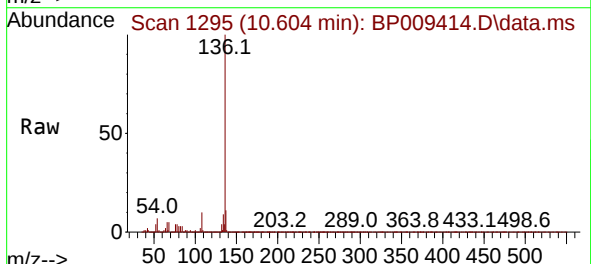
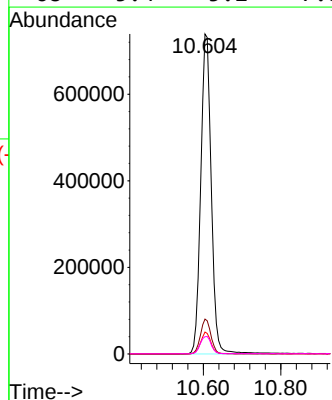
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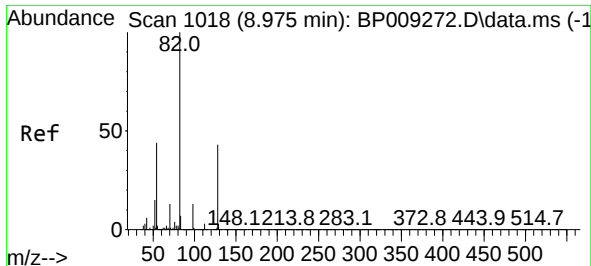
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

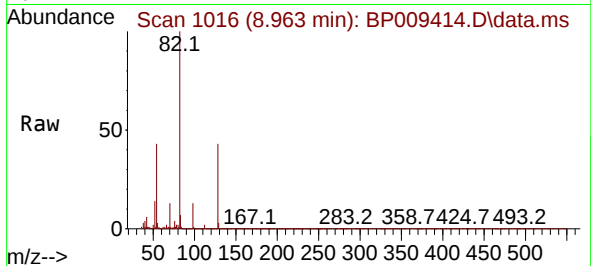
Tgt Ion:136 Resp: 1393028
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 5.4 5.2 7.8





#23
Nitrobenzene-d5
Concen: 21.250 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

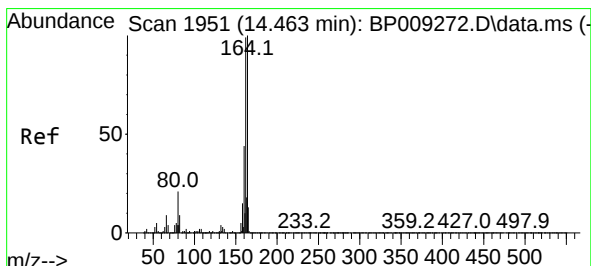
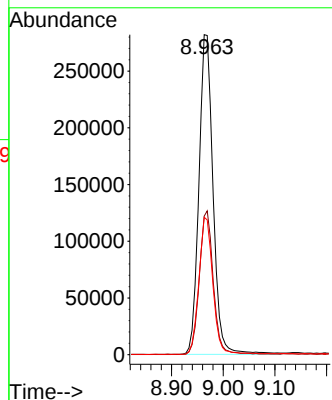
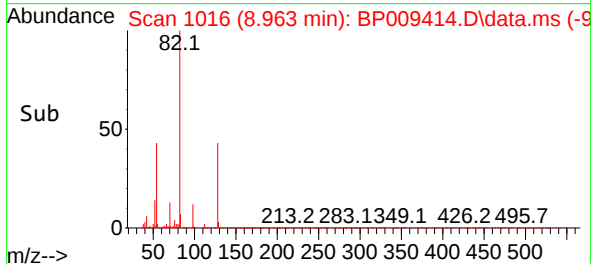
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)



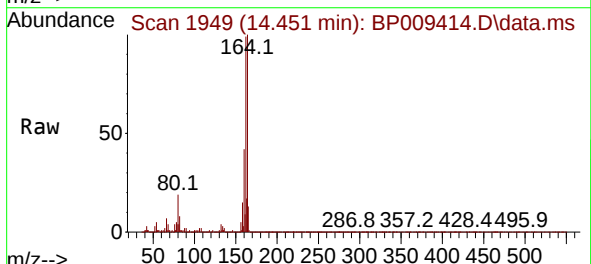
Tgt Ion: 82 Resp: 537440
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 43.0 34.7 52.1

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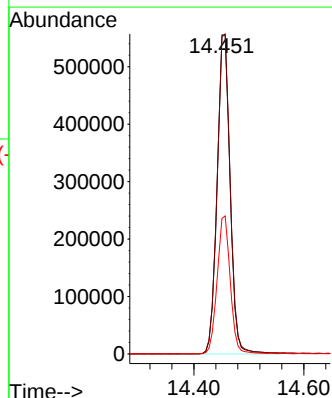
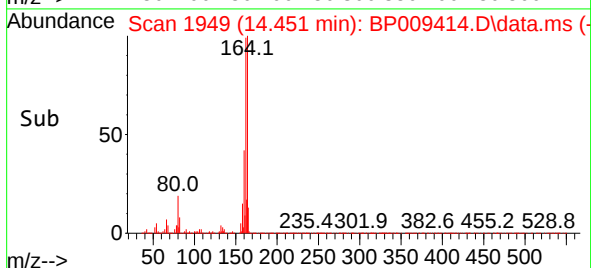
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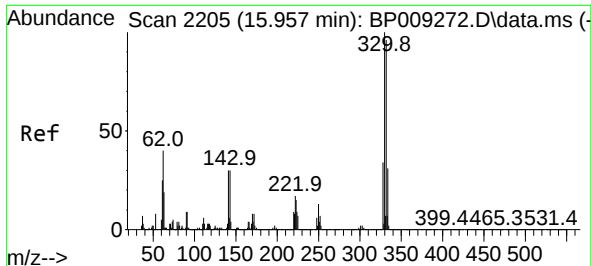


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08



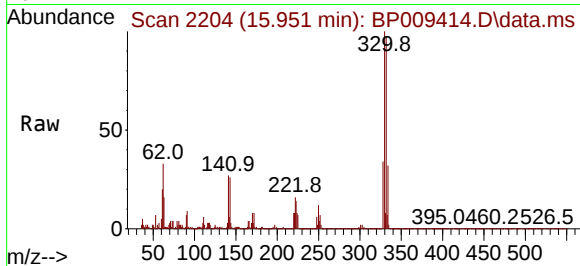
Tgt Ion:164 Resp: 911723
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 42.5 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 43.839 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

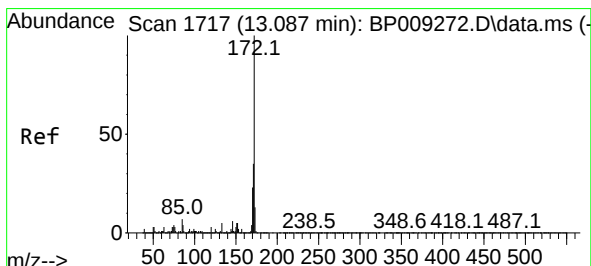
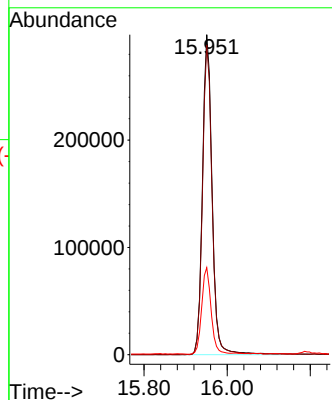
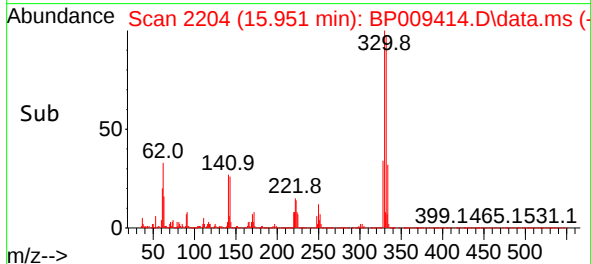
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)



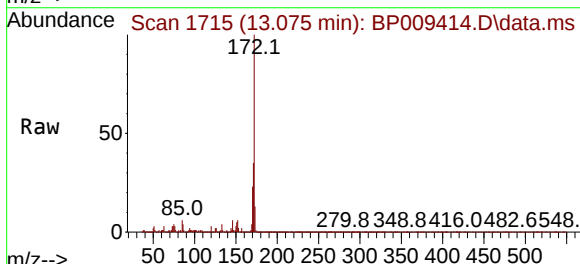
Tgt Ion:330 Resp: 482632
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 26.3 27.6 41.4

Manual Integrations
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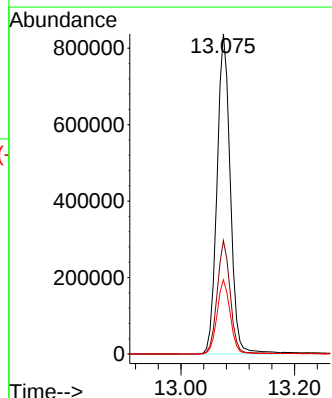
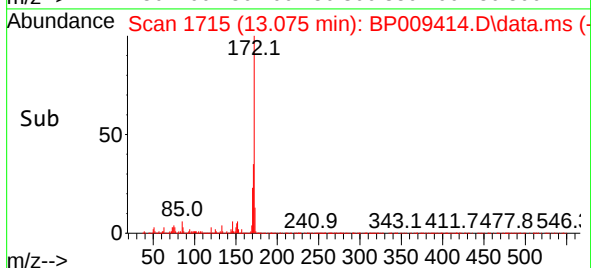
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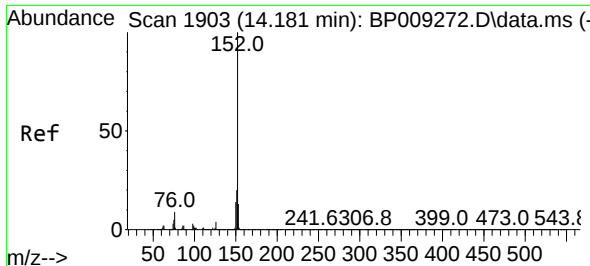


#45
2-Fluorobiphenyl
Concen: 20.485 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08



Tgt Ion:172 Resp: 1358065
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.1 18.6 27.8





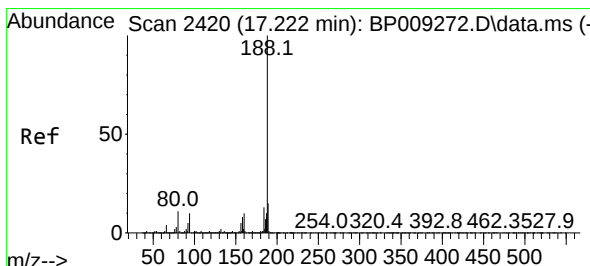
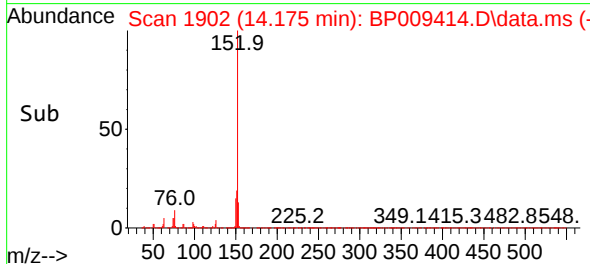
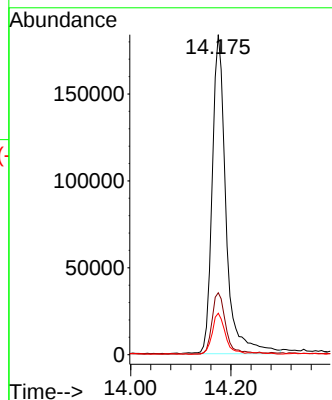
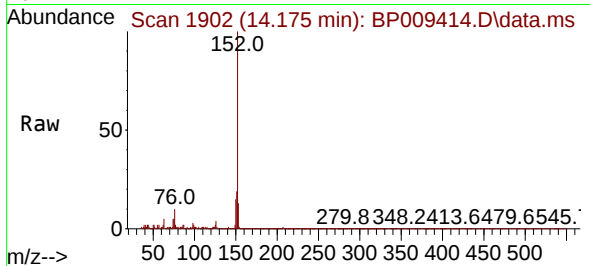
#49
Acenaphthylene
Concen: 4.037 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion:152 Resp: 351649
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.9 10.7 16.1

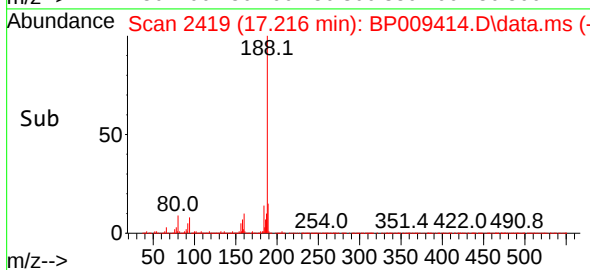
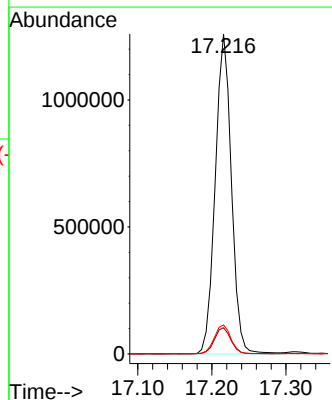
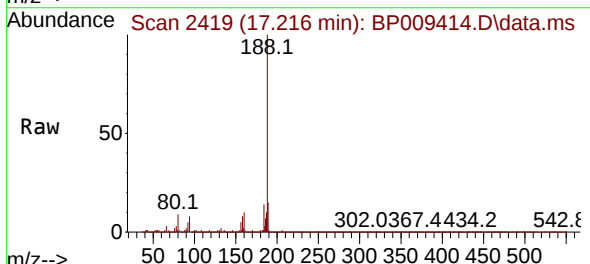
Manual Integrations
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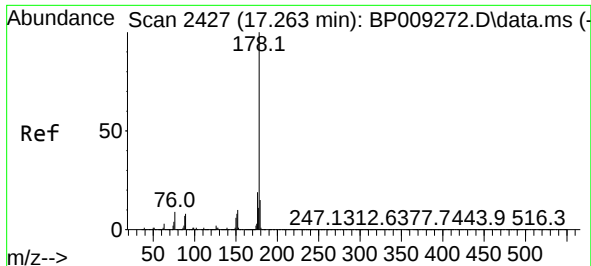
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:188 Resp: 1903523
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.0 8.8 13.2





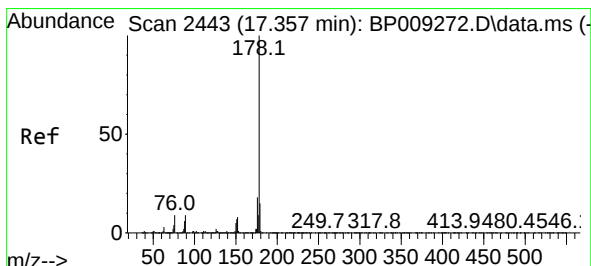
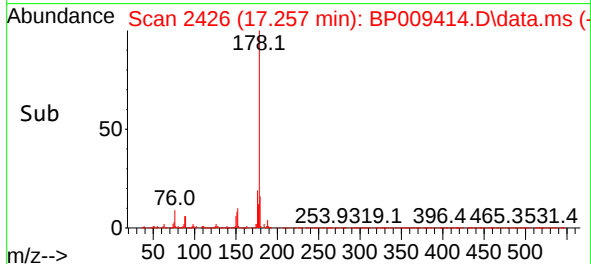
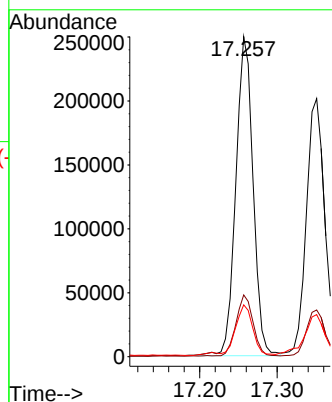
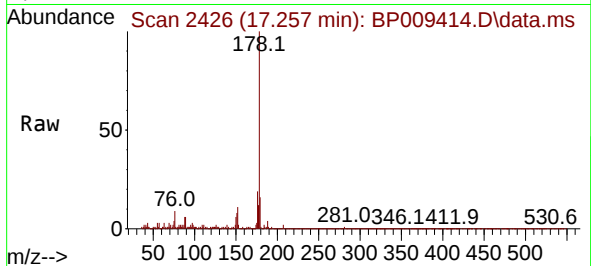
#71
Phenanthrene
Concen: 3.541 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion:178 Resp: 38734
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.3 18.5

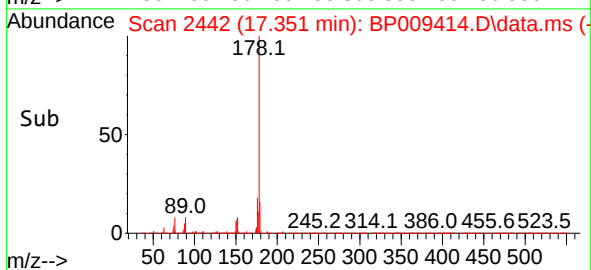
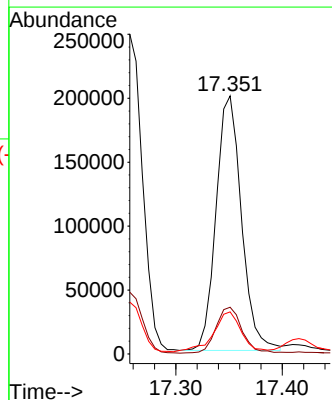
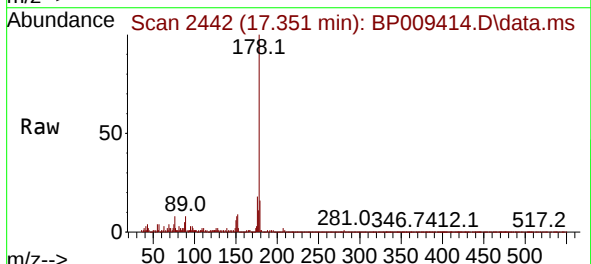
Manual Integrations
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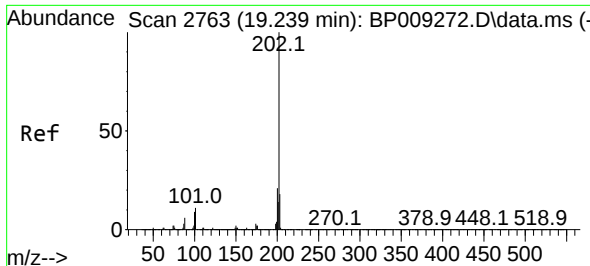
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#72
Anthracene
Concen: 3.031 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

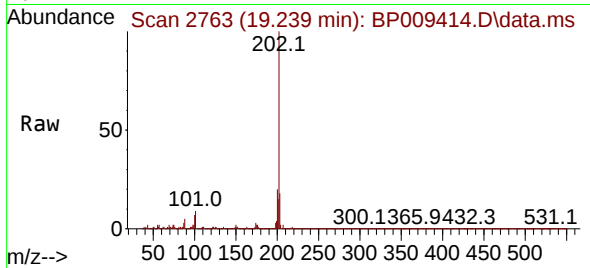
Tgt Ion:178 Resp: 330037
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 16.3 12.2 18.4





#75
Fluoranthene
Concen: 15.030 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

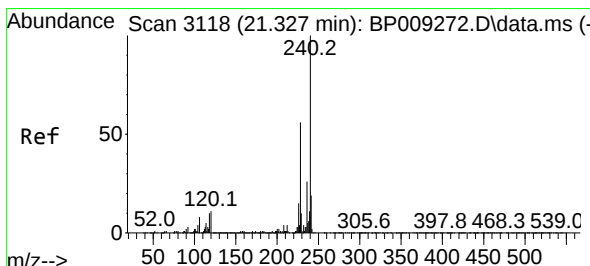
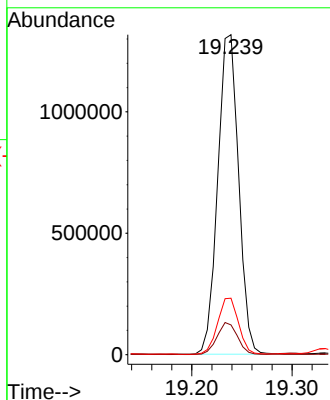
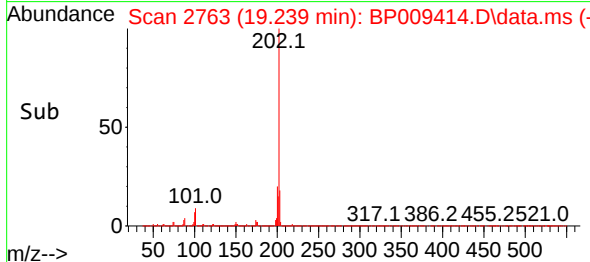
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)



Tgt Ion:202 Resp: 1897862
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.5
203 17.7 0.0 37.8

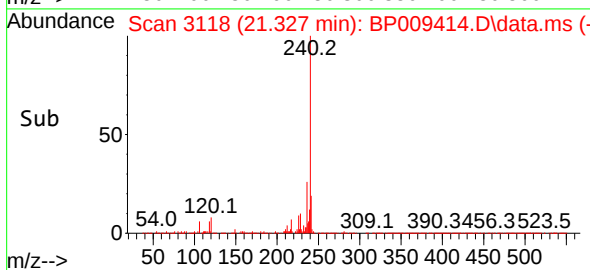
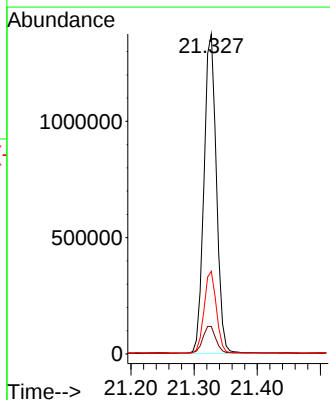
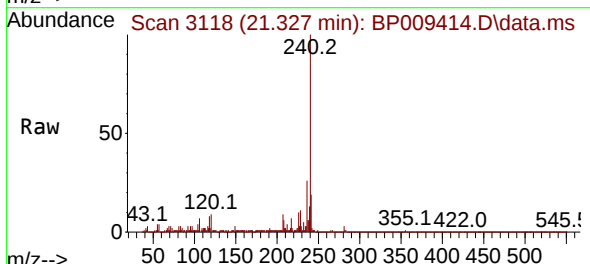
Manual Integrations
APPROVED

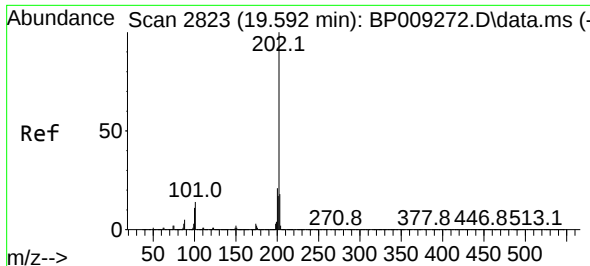
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

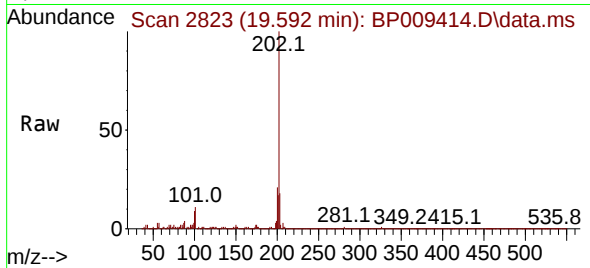
Tgt Ion:240 Resp: 1882862
Ion Ratio Lower Upper
240 100
120 8.6 9.0 13.4#
236 25.8 20.6 30.8





#78
Pyrene
Concen: 12.279 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

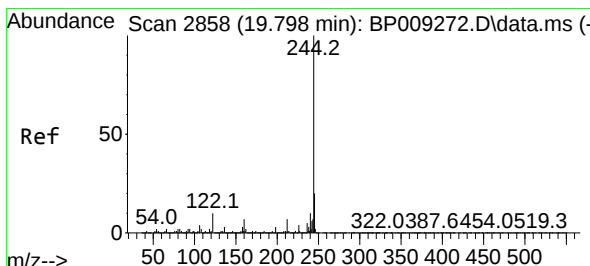
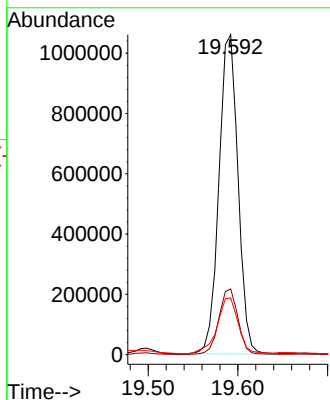
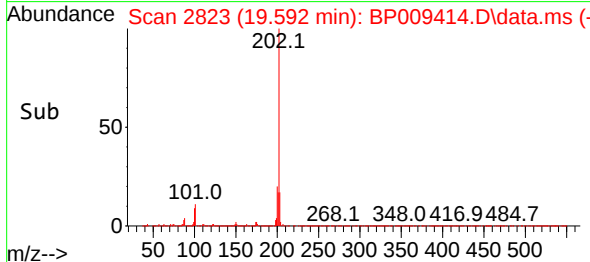
Instrument :
BNA_P
ClientSampleId :
TP3(0-10)



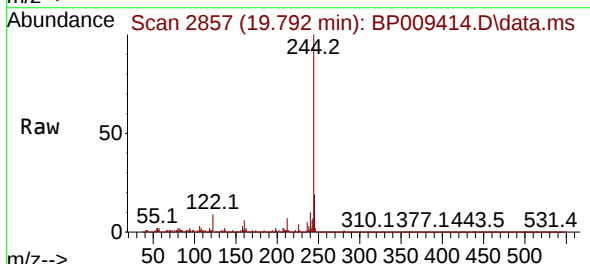
Tgt Ion:202 Resp: 1560964
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.7 14.2 21.4

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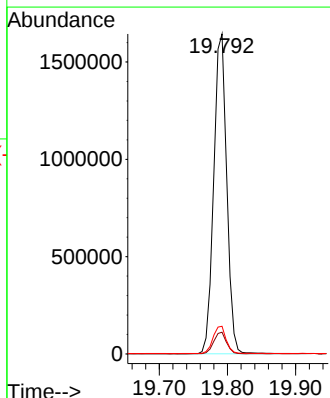
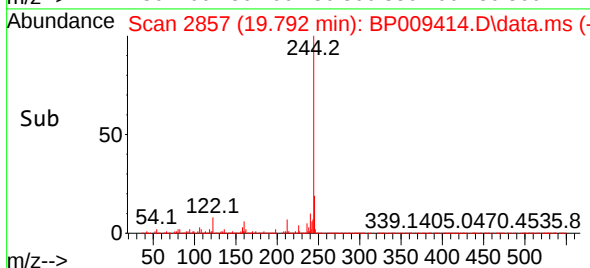
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

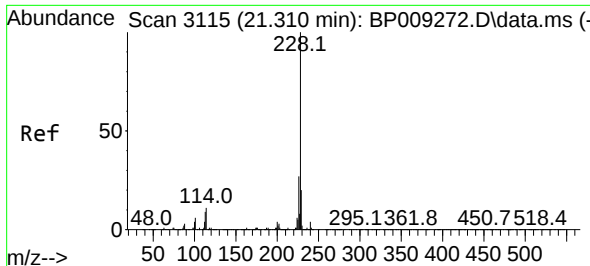


#79
Terphenyl-d14
Concen: 21.876 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08



Tgt Ion:244 Resp: 2182628
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.6 8.3 12.5





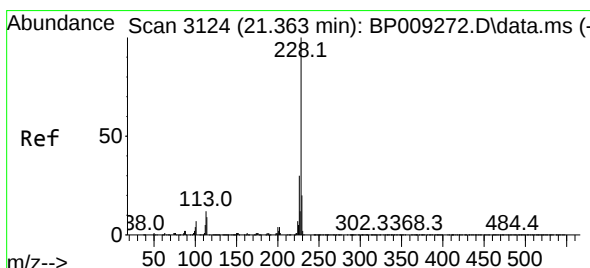
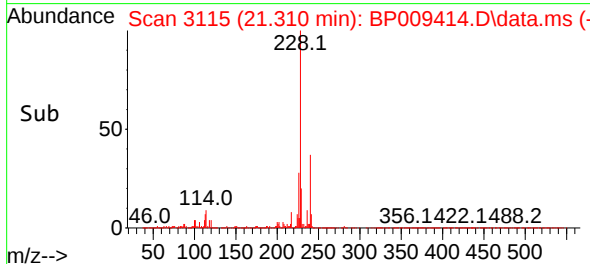
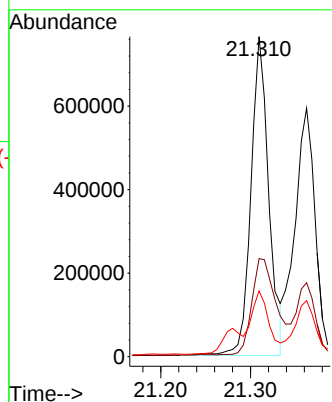
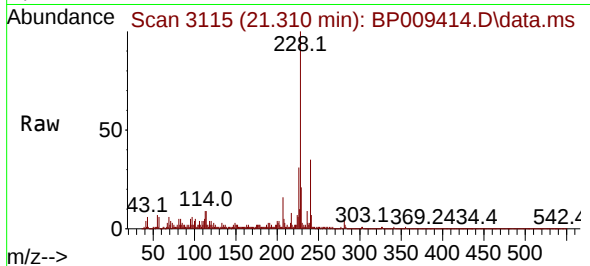
#81
Benzo(a)anthracene
Concen: 8.244 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion:228 Resp: 1052100
Ion Ratio Lower Upper
228 100
226 30.7 22.0 33.0
229 20.6 16.1 24.1

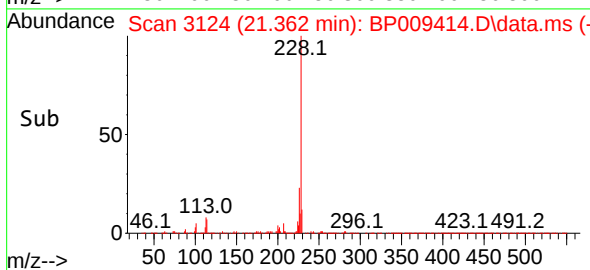
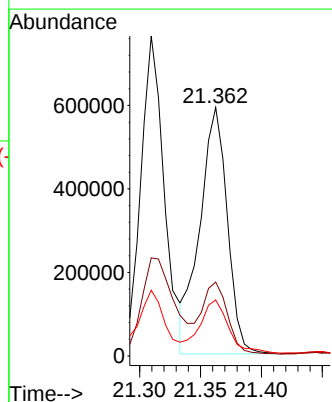
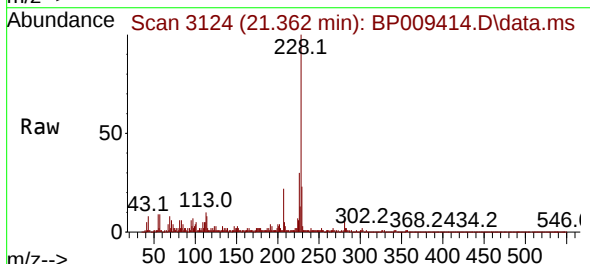
Manual Integrations
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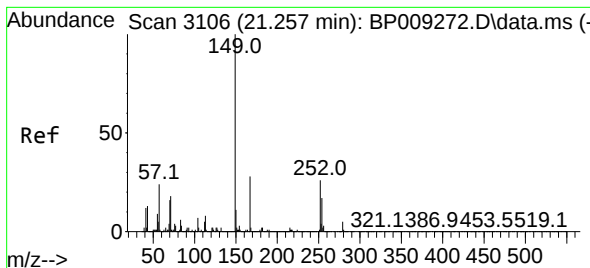
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#83
Chrysene
Concen: 7.498 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Tgt Ion:228 Resp: 929006
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 22.5 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.388 ng

RT: 21.245 min Scan# 3106

Delta R.T. -0.012 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)

Tgt Ion:149 Resp: 3551034

Ion Ratio Lower Upper

149 100

167 28.9 22.6 33.8

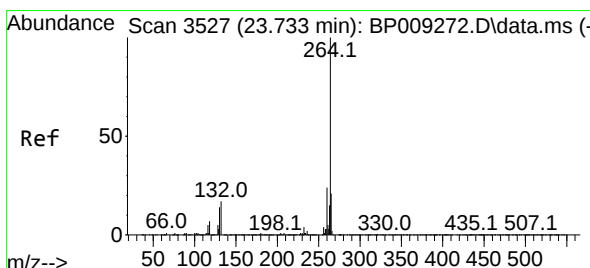
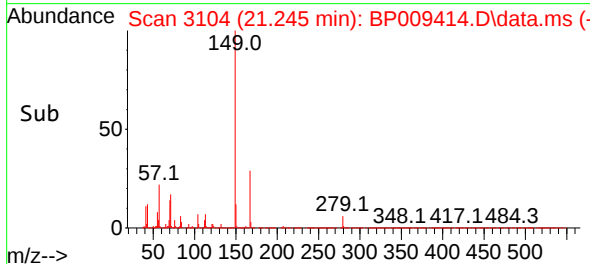
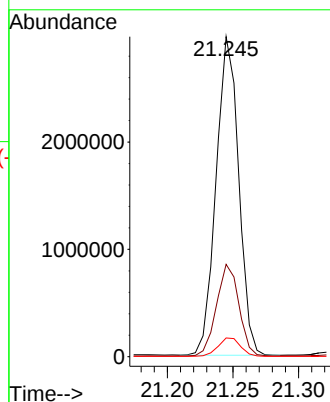
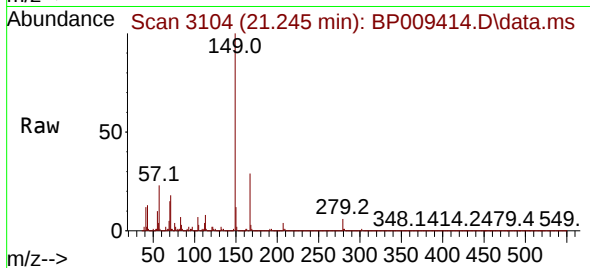
279 5.8 3.8 5.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3528

Delta R.T. 0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

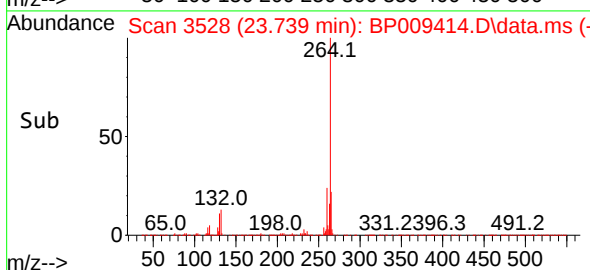
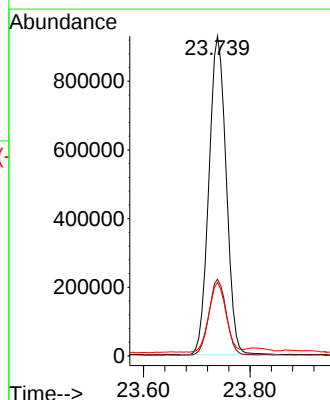
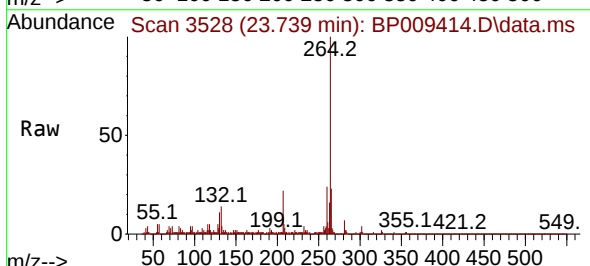
Tgt Ion:264 Resp: 2093440

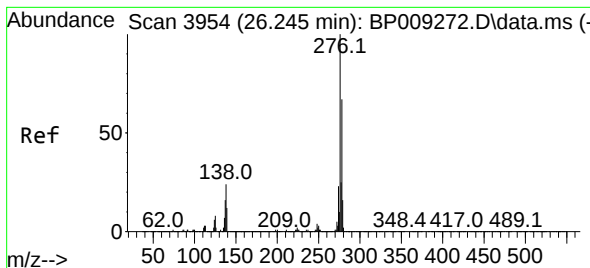
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 23.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.819 ng

RT: 26.250 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Instrument :

BNA_P

ClientSampleId :

TP3(0-10)

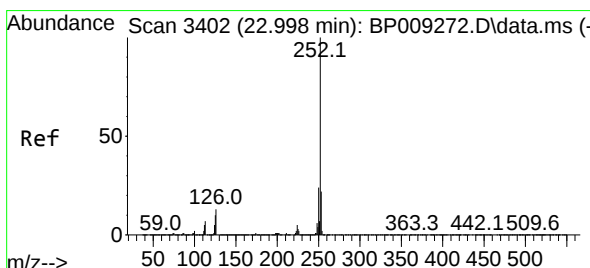
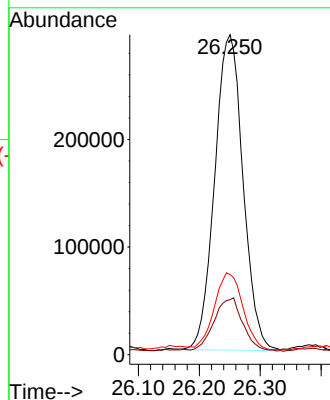
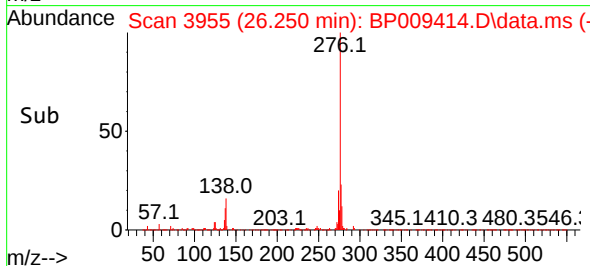
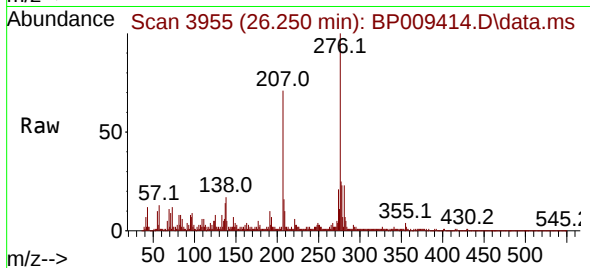
Tgt Ion:	276	Resp:	946539
Ion Ratio	Lower	Upper	
276	100		
138	17.3	20.5	30.7
277	24.8	20.4	30.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#88

Benzo(b)fluoranthene

Concen: 11.449 ng m

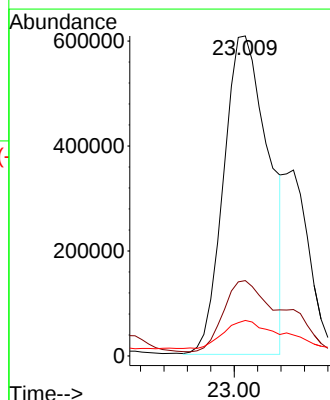
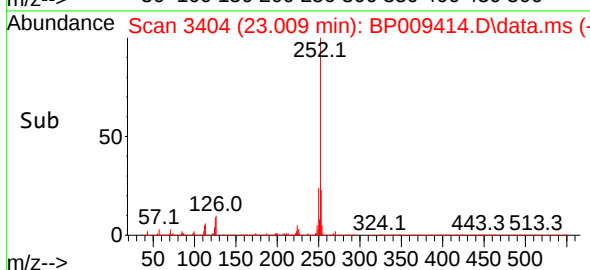
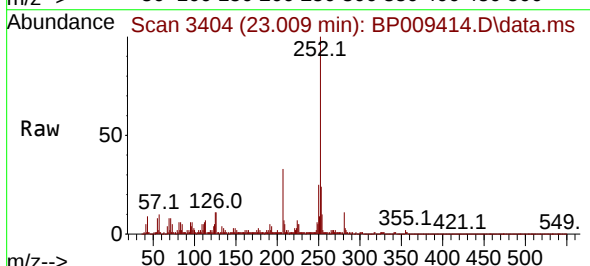
RT: 23.009 min Scan# 3404

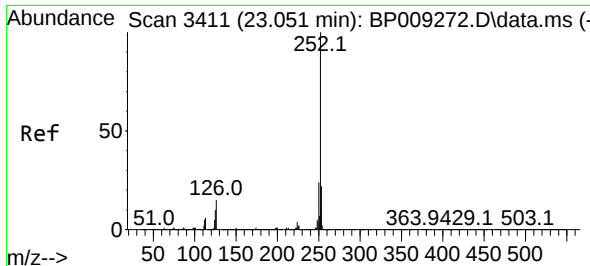
Delta R.T. 0.012 min

Lab File: BP009414.D

Acq: 16 Mar 2022 00:08

Tgt Ion:	252	Resp:	1618339
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	11.1	8.1	12.1





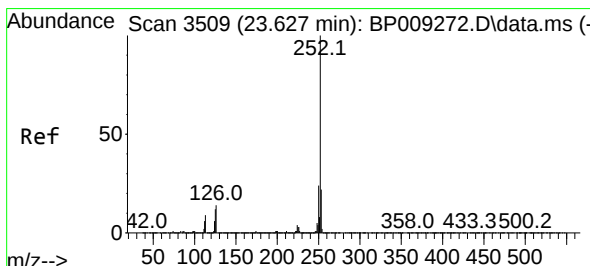
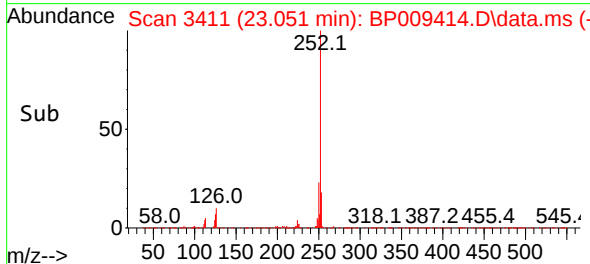
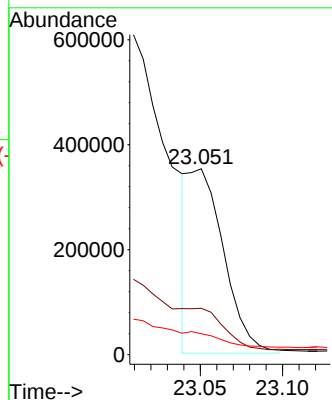
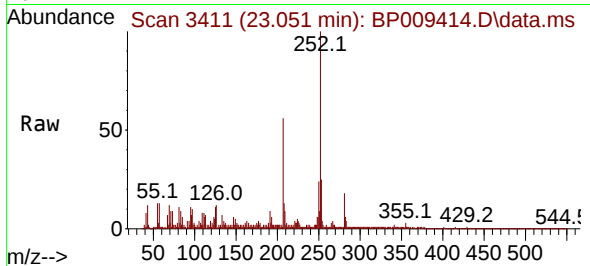
#89
Benzo(k)fluoranthene
Concen: 3.879 ng m
RT: 23.051 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

Instrument :
BNA_P
ClientSampleId :
TP3(0-10)

Tgt Ion:252 Resp: 52382
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 11.3 8.3 12.5

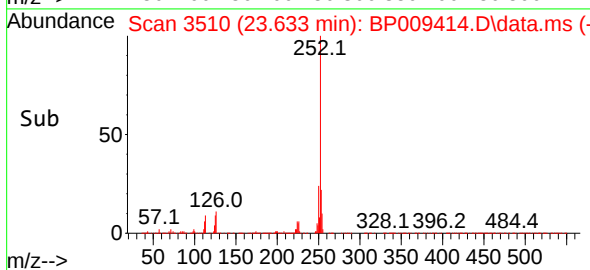
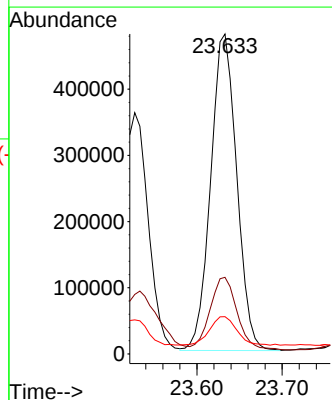
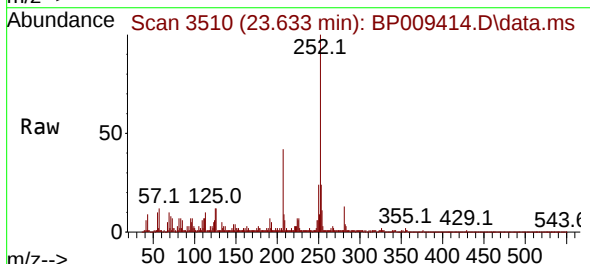
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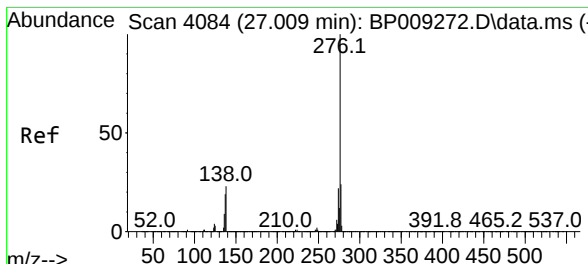
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#90
Benzo(a)pyrene
Concen: 7.583 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009414.D
Acq: 16 Mar 2022 00:08

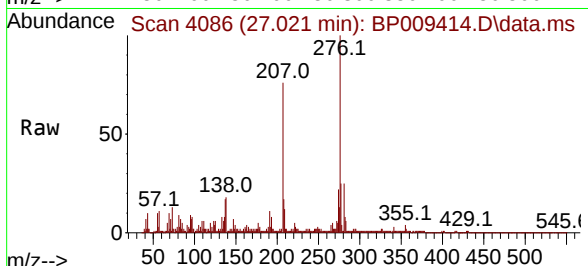
Tgt Ion:252 Resp: 1016525
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.7 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 7.106 ng
 RT: 27.021 min Scan# 4086
 Delta R.T. 0.011 min
 Lab File: BP009414.D
 Acq: 16 Mar 2022 00:08

Instrument :
 BNA_P
 ClientSampleId :
 TP3(0-10)



Tgt Ion:	276	Resp:	968250
Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	18.4	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

