

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009108.D
 Acq On : 10 Feb 2022 20:03
 Operator : CG/JU
 Sample : N1455-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Feb 11 02:27:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	207194	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	811943	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	514908	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1152022	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1215832	20.000	ng	0.00
86) Perylene-d12	23.704	264	1374542	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	470185	40.480	ng	0.00
7) Phenol-d6	6.999	99	598429	39.100	ng	0.01
23) Nitrobenzene-d5	8.963	82	360997	25.073	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	320152	46.568	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	955319	25.972	ng	0.00
79) Terphenyl-d14	19.769	244	1590549	23.526	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.651	128	99999	2.415	ng	# 86
37) 2-Methylnaphthalene	12.263	142	468108	15.974	ng	96
38) 1-Methylnaphthalene	12.487	142	552109	19.281	ng	97
52) Acenaphthene	14.510	154	70697	2.564	ng	# 92
58) Fluorene	15.498	166	144870	4.059	ng	# 85
71) Phenanthrene	17.245	178	576779	9.246	ng	97
75) Fluoranthene	19.222	202	324155	4.637	ng	97
78) Pyrene	19.574	202	375205	4.338	ng	97
81) Benzo(a)anthracene	21.286	228	167724	2.141	ng	# 94
83) Chrysene	21.339	228	172810	2.288	ng	# 95
88) Benzo(b)fluoranthene	22.974	252	225499m	2.665	ng	
90) Benzo(a)pyrene	23.598	252	172123	2.440	ng	# 87
92) Benzo(g,h,i)perylene	26.980	276	208300	2.493	ng	# 93

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

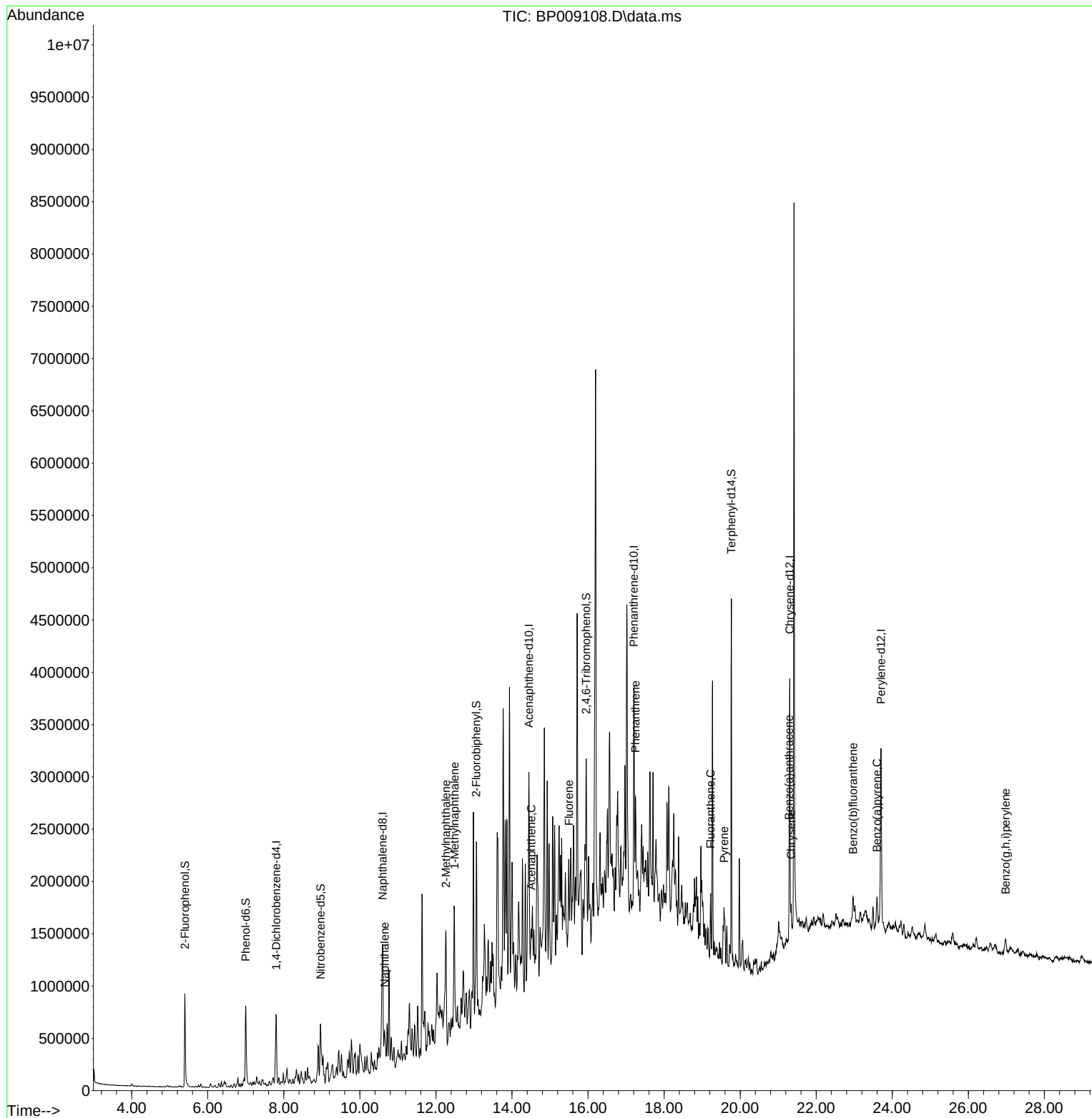
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009108.D
Acq On : 10 Feb 2022 20:03
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ALS Vial : 18 Sample Multiplier: 1

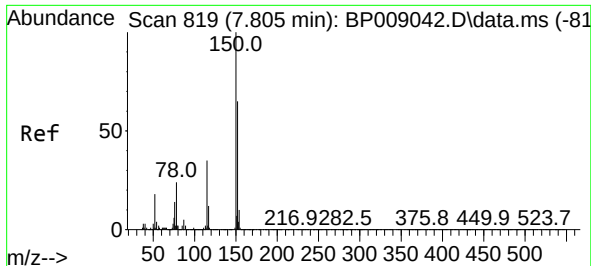
Instrument :
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Quant Time: Feb 11 02:27:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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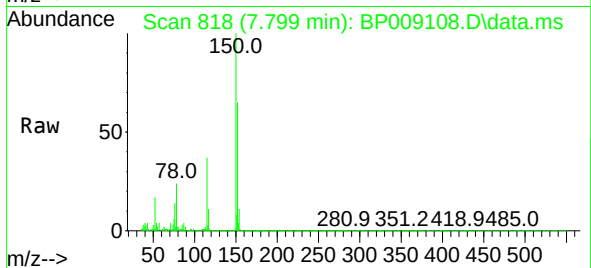
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

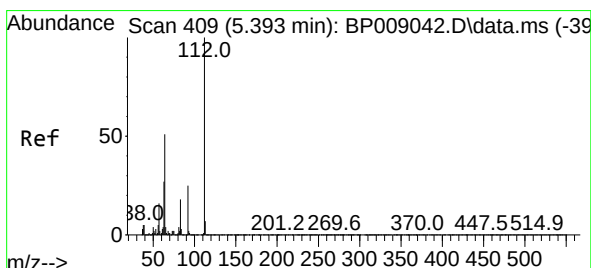
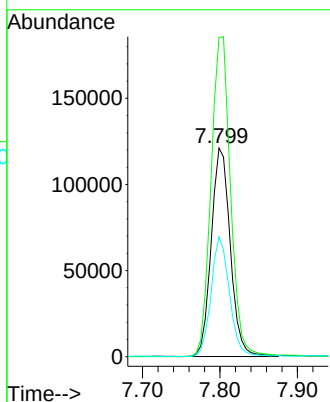
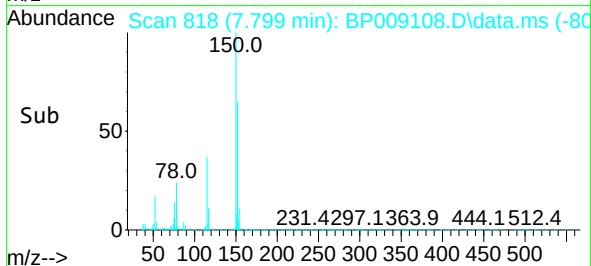
Instrument :
BNA_P
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 207194
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 57.3 43.7 65.5

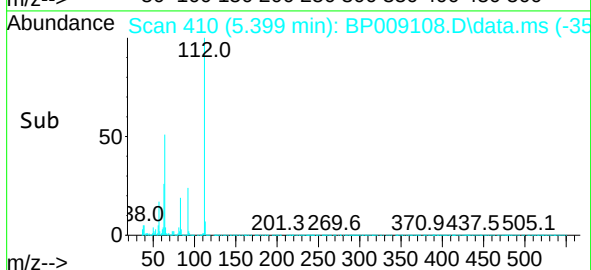
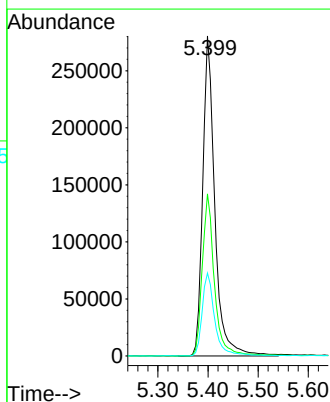
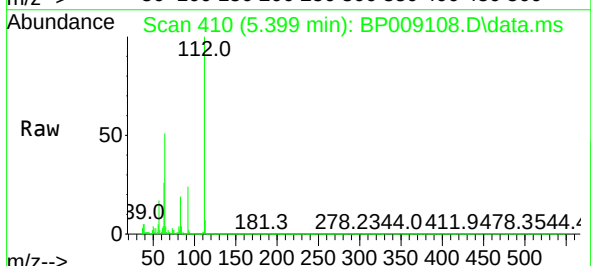
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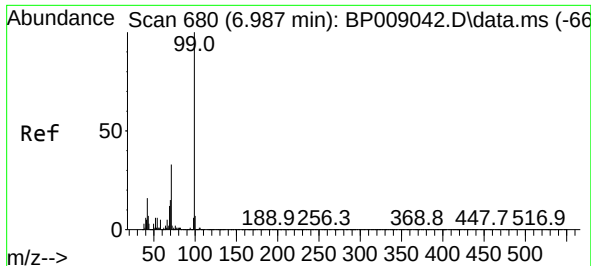
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#5
2-Fluorophenol
Concen: 40.480 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

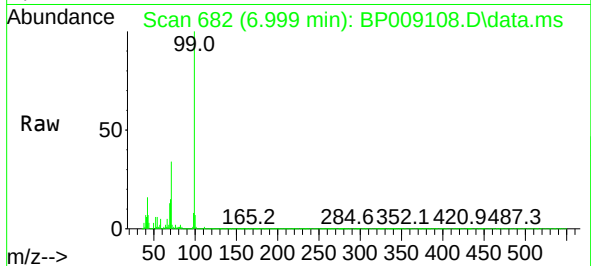
Tgt Ion:112 Resp: 470185
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 25.9 20.0 30.0





#7
Phenol-d6
Concen: 39.100 ng
RT: 6.999 min Scan# 680
Delta R.T. 0.012 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

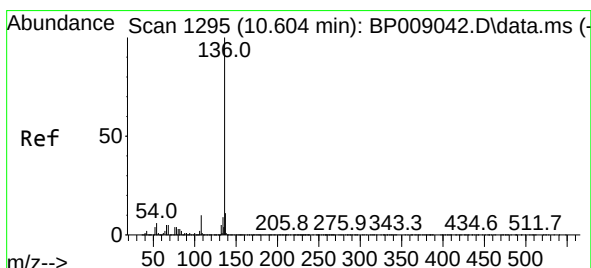
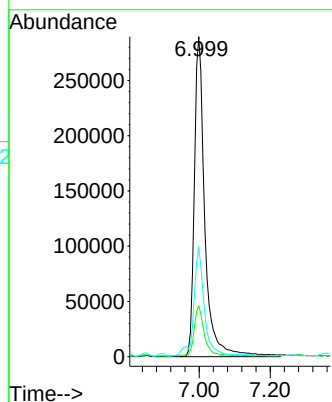
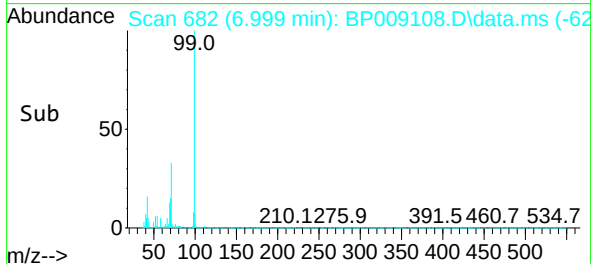
Instrument :
BNA_P
ClientSampleId :
TP-2



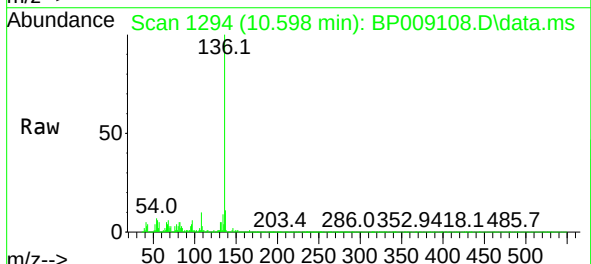
Tgt Ion: 99 Resp: 598429
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 34.0 23.8 35.6

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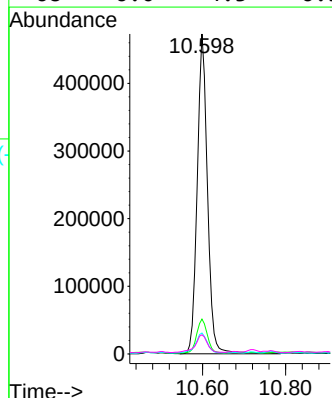
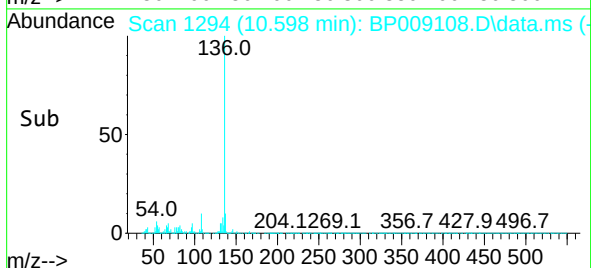
Reviewed By :Christian Giraldo 02/11/2022
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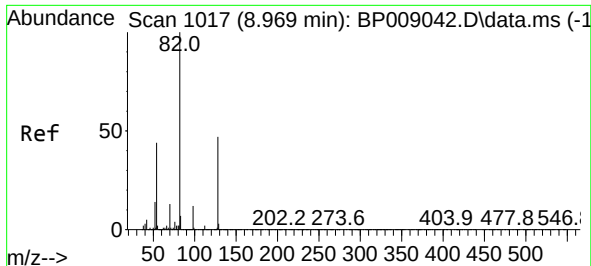


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



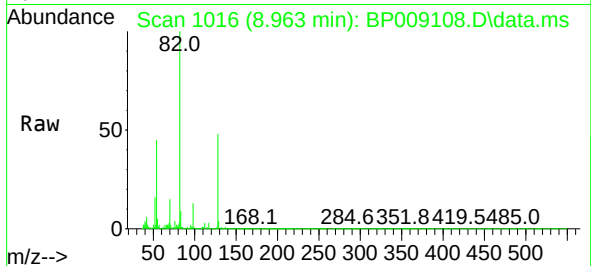
Tgt Ion:136 Resp: 811943
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.6 4.9 7.3
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 25.073 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

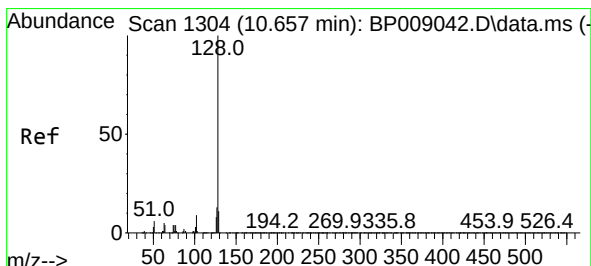
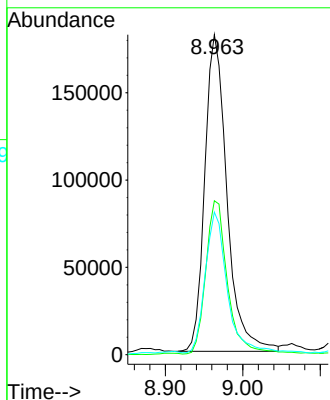
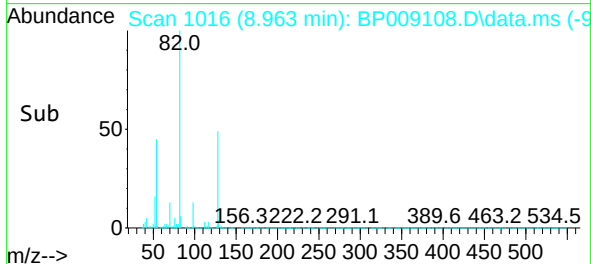
Instrument :
BNA_P
ClientSampleId :
TP-2



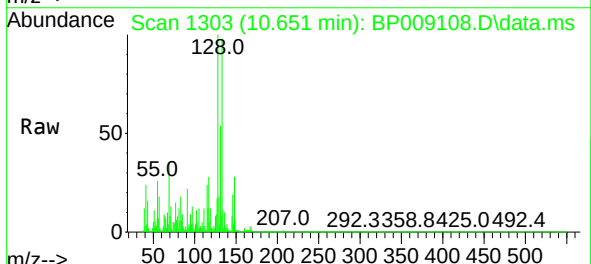
Tgt Ion: 82 Resp: 36099
Ion Ratio Lower Upper
82 100
128 48.1 39.4 59.2
54 44.6 32.6 48.8

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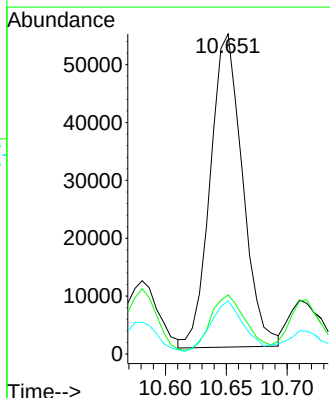
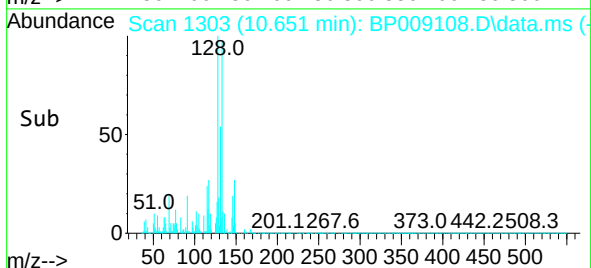
Reviewed By :Christian Giraldo 02/11/2022
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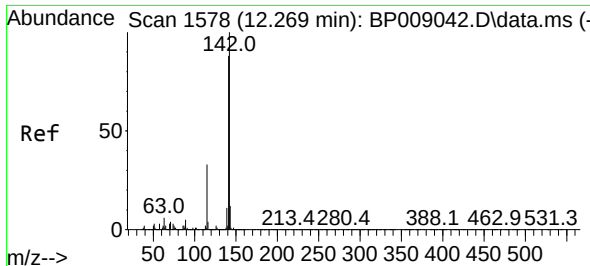


#31
Naphthalene
Concen: 2.415 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



Tgt Ion:128 Resp: 99999
Ion Ratio Lower Upper
128 100
129 18.5 8.8 13.2#
127 16.6 10.4 15.6#





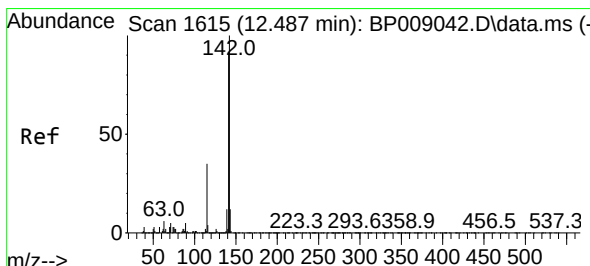
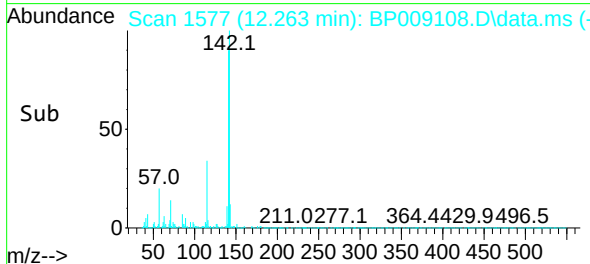
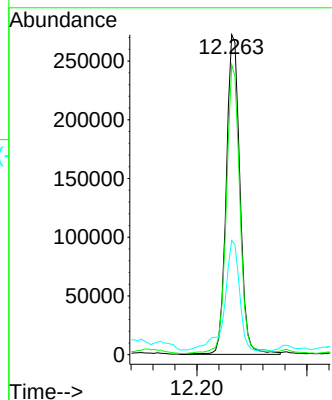
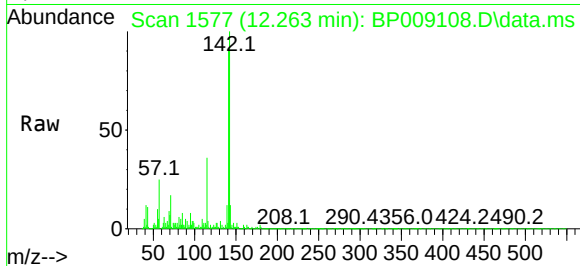
#37
2-Methylnaphthalene
Concen: 15.974 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:142 Resp: 468108
Ion Ratio Lower Upper
142 100
141 90.6 70.5 105.7
115 35.7 24.6 36.8

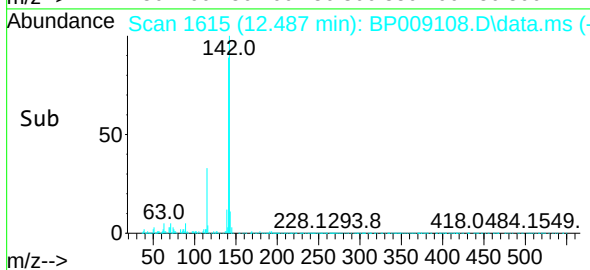
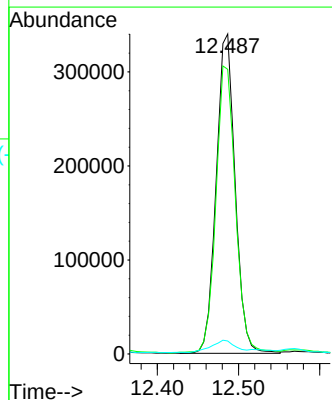
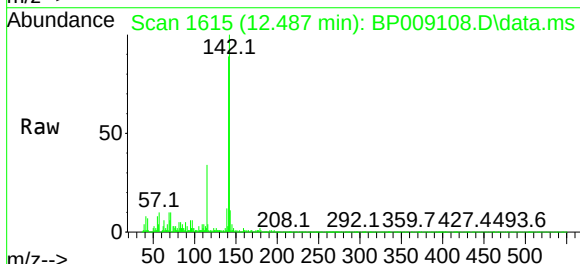
Manual Integrations
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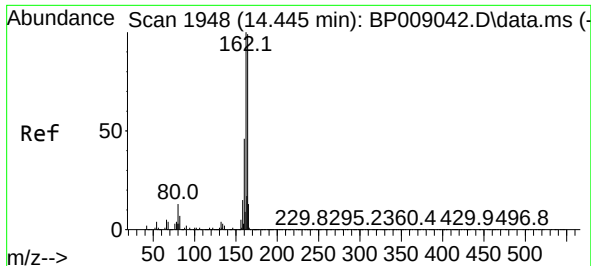
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#38
1-Methylnaphthalene
Concen: 19.281 ng
RT: 12.487 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

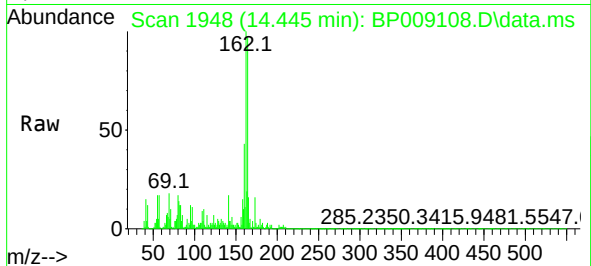
Tgt Ion:142 Resp: 552109
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8
116 4.1 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

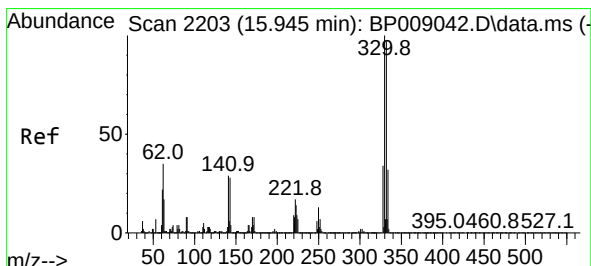
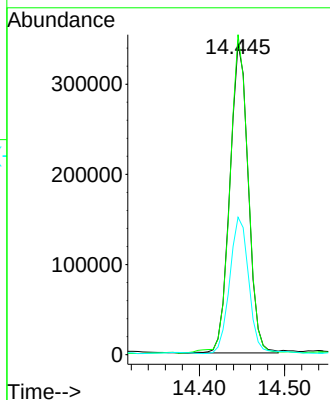
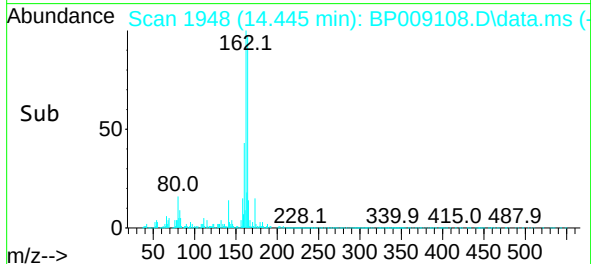
Instrument :
BNA_P
ClientSampleId :
TP-2



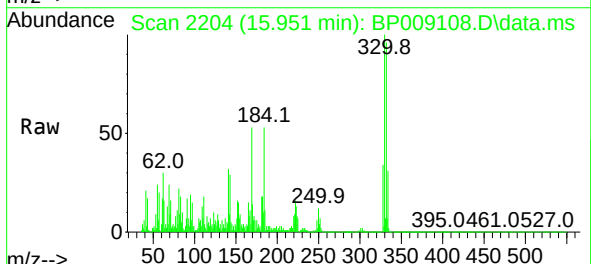
Tgt Ion:164 Resp: 514908
Ion Ratio Lower Upper
164 100
162 102.9 79.9 119.9
160 44.2 35.5 53.3

Manual Integrations
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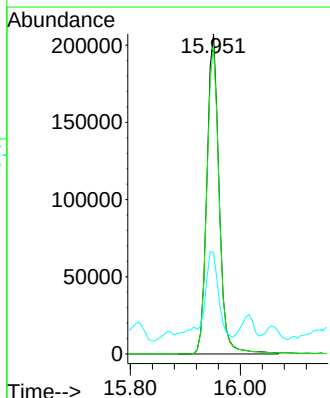
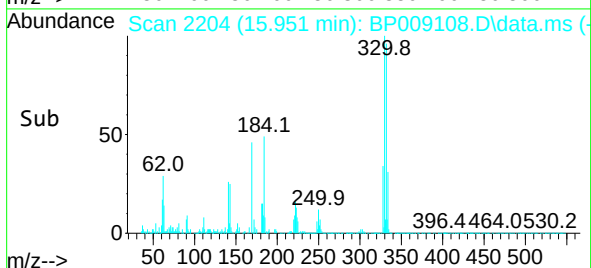
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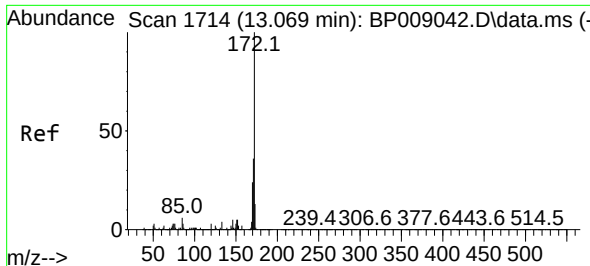


#42
2,4,6-Tribromophenol
Concen: 46.568 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



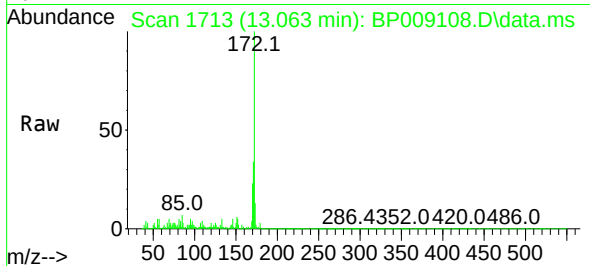
Tgt Ion:330 Resp: 320152
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 30.1 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 25.972 ng
RT: 13.063 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

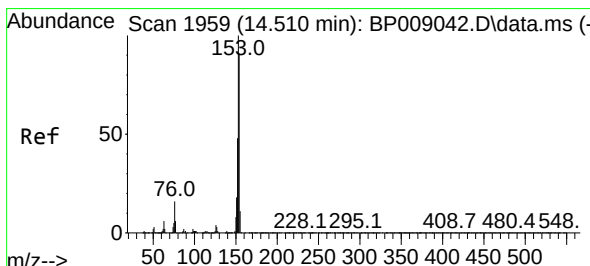
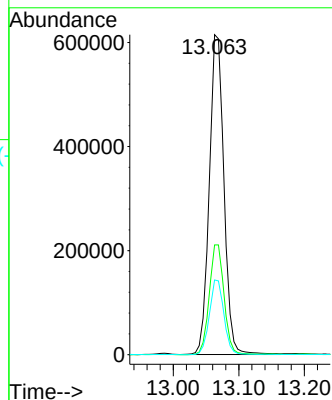
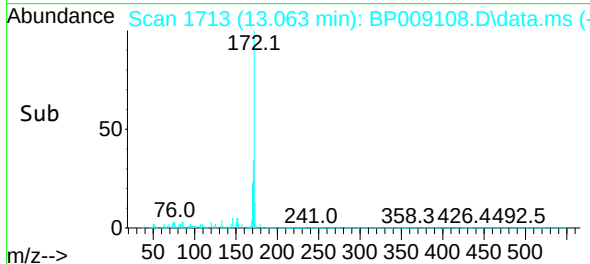
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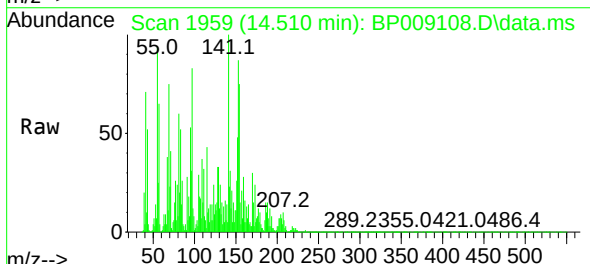
Tgt Ion:172 Resp: 955319
Ion Ratio Lower Upper
172 100
171 34.3 29.3 43.9
170 23.3 19.5 29.3

Manual Integrations
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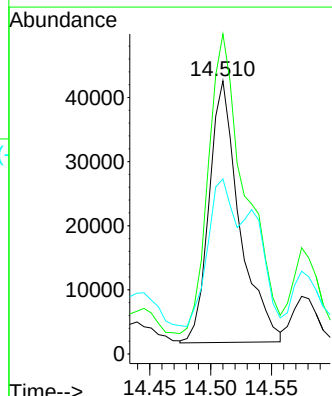
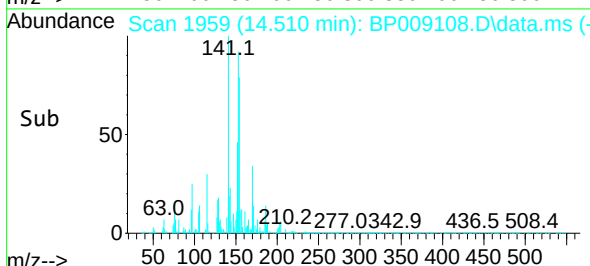
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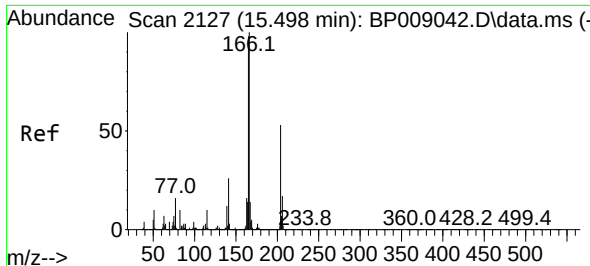


#52
Acenaphthene
Concen: 2.564 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



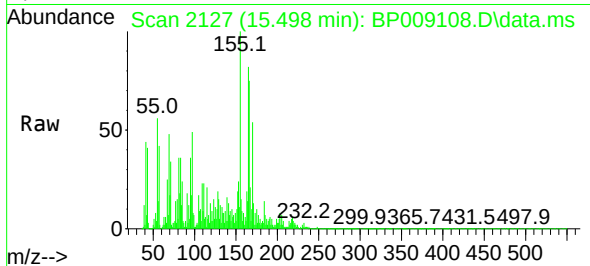
Tgt Ion:154 Resp: 70697
Ion Ratio Lower Upper
154 100
153 117.2 89.4 134.2
152 64.1 42.6 63.8#





#58
Fluorene
Concen: 4.059 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

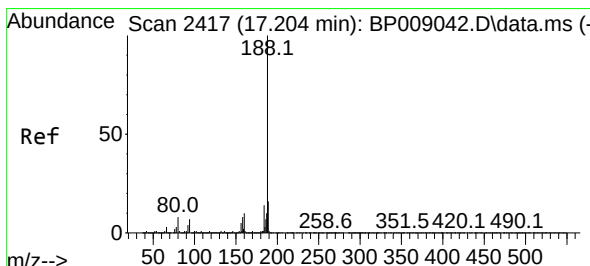
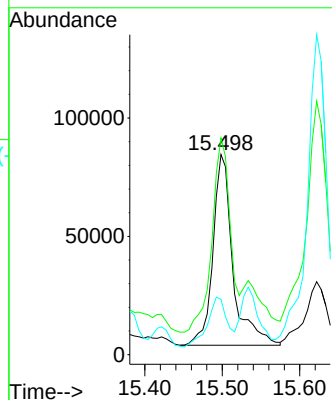
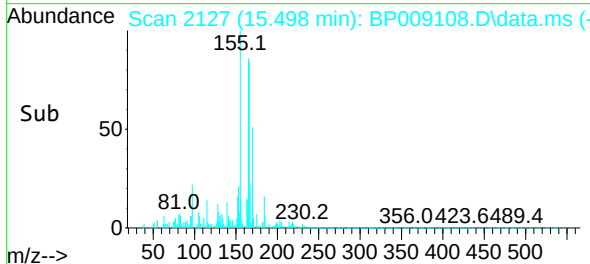
Instrument :
BNA_P
ClientSampleId :
TP-2



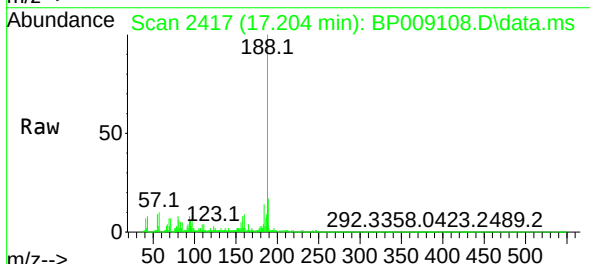
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Ion Ratio Lower Upper
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165 108.3 77.2 115.8
167 27.7 11.2 16.8

Manual Integrations
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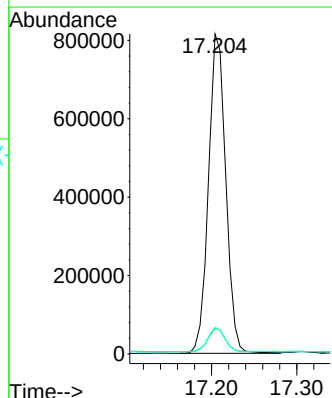
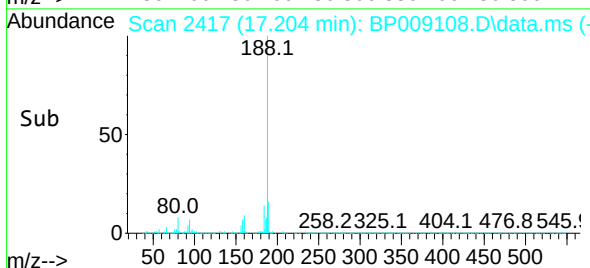
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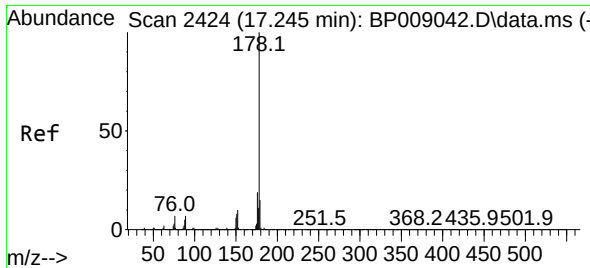


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



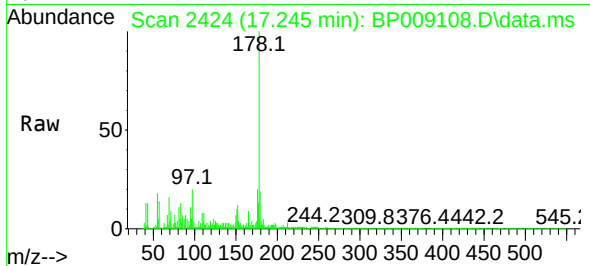
Tgt Ion:188 Resp: 1152022
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.3 7.2 10.8





#71
Phenanthrene
Concen: 9.246 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

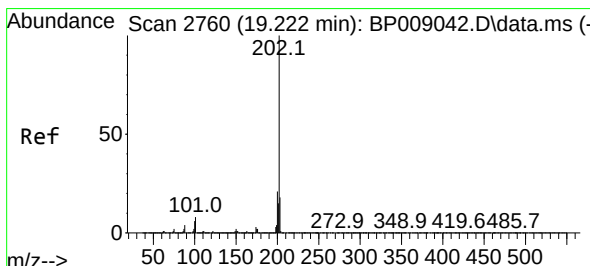
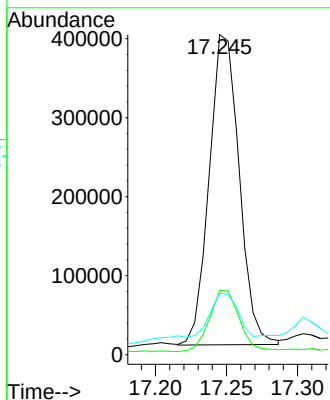
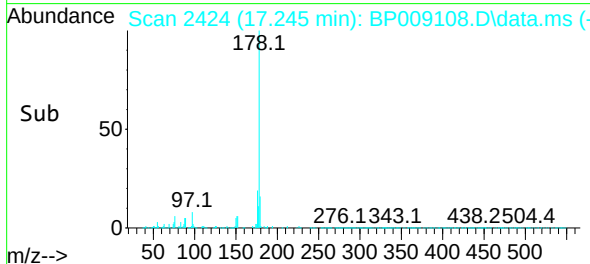
Instrument :
BNA_P
ClientSampleId :
TP-2



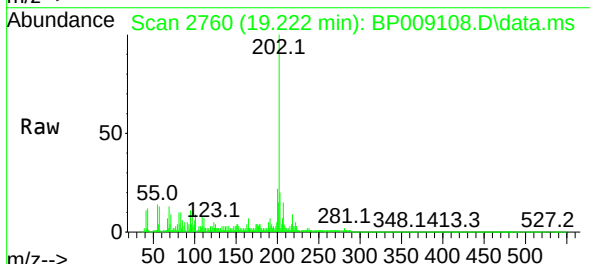
Tgt Ion:178 Resp: 576779
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 19.1 13.0 19.4

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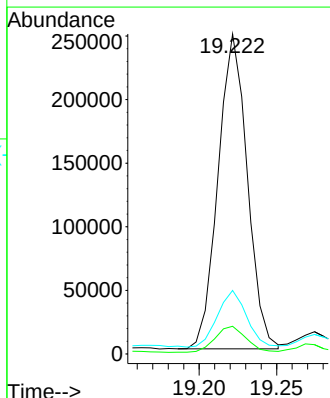
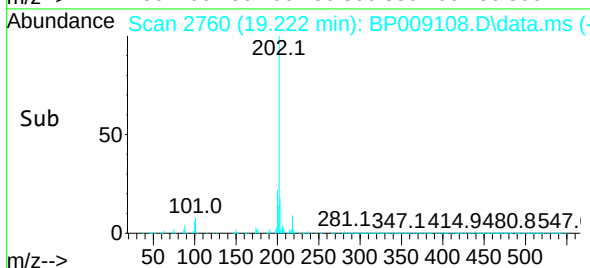
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

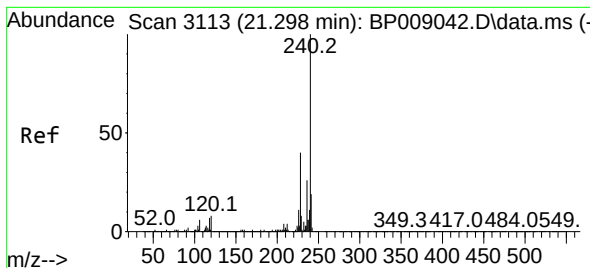


#75
Fluoranthene
Concen: 4.637 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



Tgt Ion:202 Resp: 324155
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 19.8 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009108.D

Acq: 10 Feb 2022 20:03

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:240 Resp: 121583

Ion Ratio Lower Upper

240 100

120 7.8 7.7 11.5

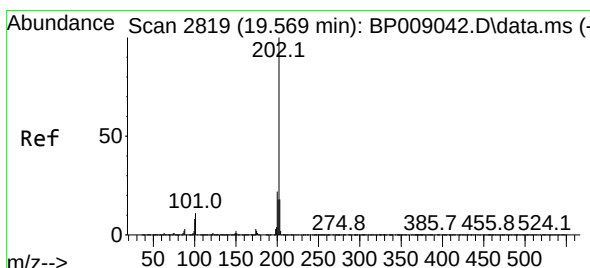
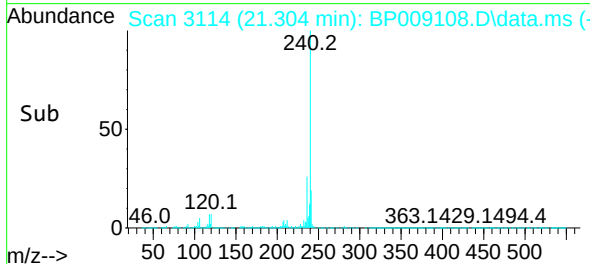
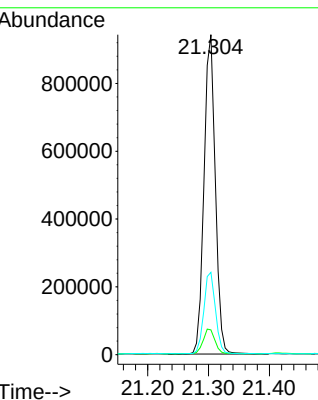
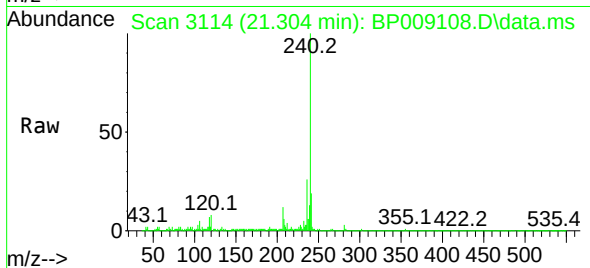
236 25.7 21.2 31.8

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Reviewed By :Christian Giraldo 02/11/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#78

Pyrene

Concen: 4.338 ng

RT: 19.574 min Scan# 2820

Delta R.T. 0.006 min

Lab File: BP009108.D

Acq: 10 Feb 2022 20:03

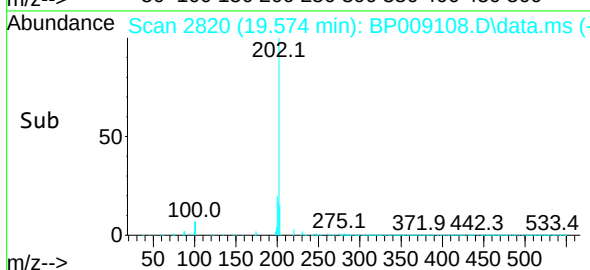
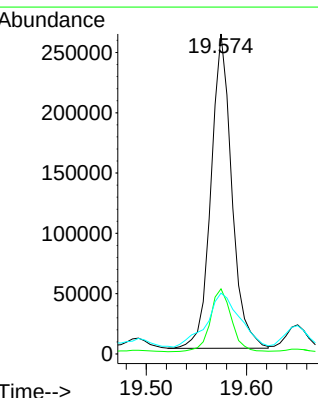
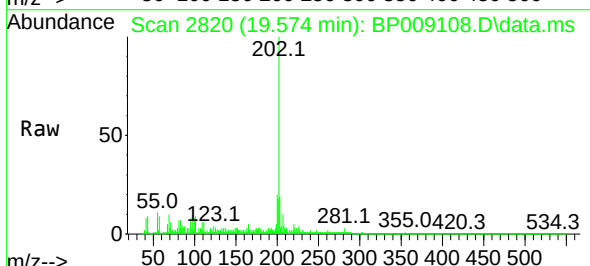
Tgt Ion:202 Resp: 375205

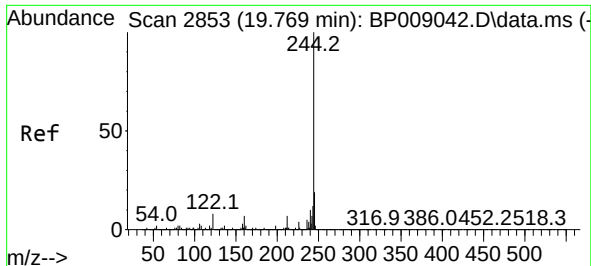
Ion Ratio Lower Upper

202 100

200 20.4 18.0 27.0

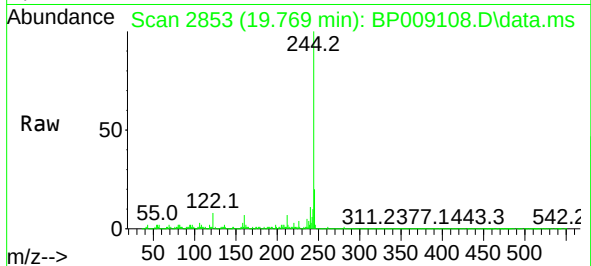
203 19.0 15.0 22.6





#79
 Terphenyl-d14
 Concen: 23.526 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009108.D
 Acq: 10 Feb 2022 20:03

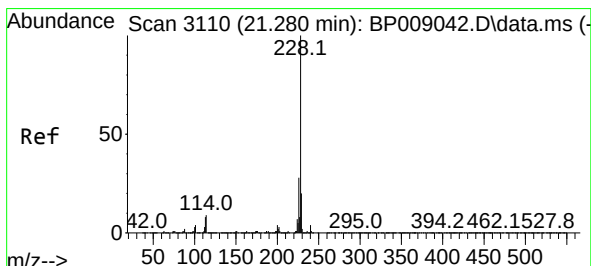
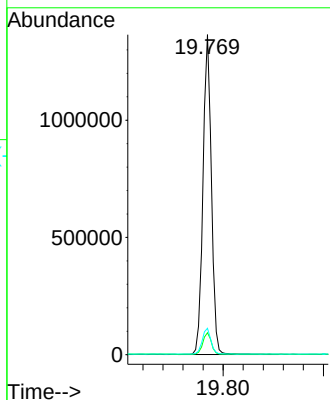
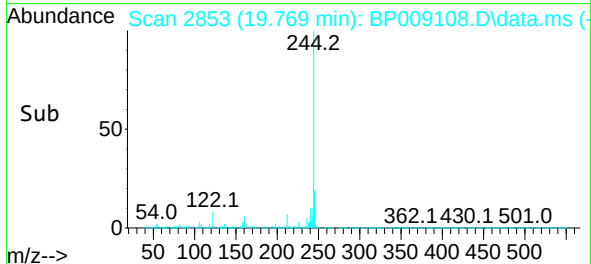
Instrument :
 BNA_P
 ClientSampleId :
 TP-2



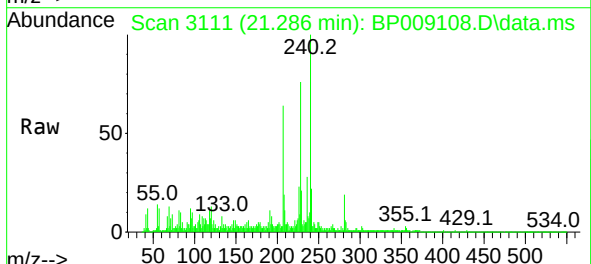
Tgt Ion:244 Resp: 1590549
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.3 9.2 13.8

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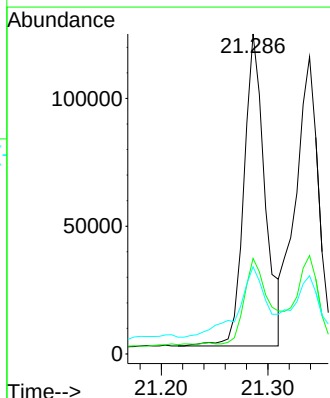
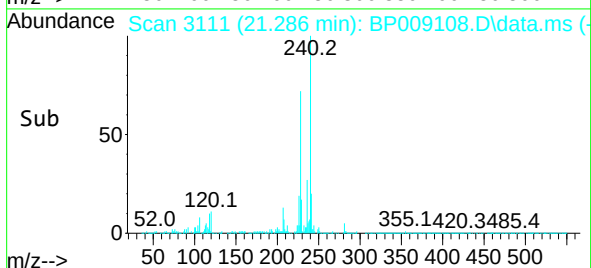
Reviewed By :Christian Giraldo 02/11/2022
 Supervised By :Jagrut Upadhyay 02/11/2022

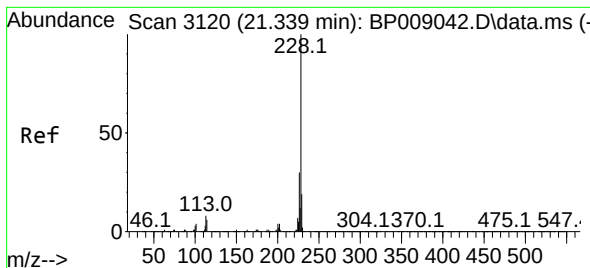


#81
 Benzo(a)anthracene
 Concen: 2.141 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.006 min
 Lab File: BP009108.D
 Acq: 10 Feb 2022 20:03



Tgt Ion:228 Resp: 167724
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 27.2 17.0 25.6





#83

Chrysene

Concen: 2.288 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min BNA_P

Lab File: BP009108.D

Acq: 10 Feb 2022 20:03

Instrument :

BNA_P

ClientSampleId :

TP-2

Tgt Ion:228 Resp: 172810

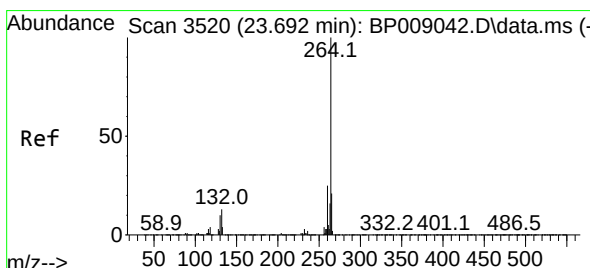
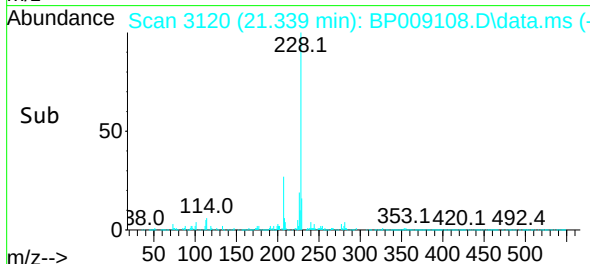
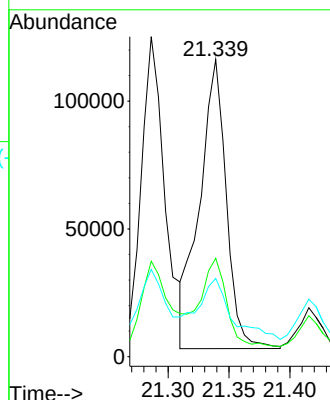
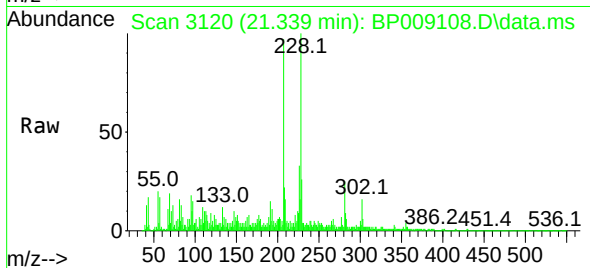
Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.0	39.0
229	26.3	16.9	25.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/11/2022

Supervised By :Jagrut Upadhyay 02/11/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3522

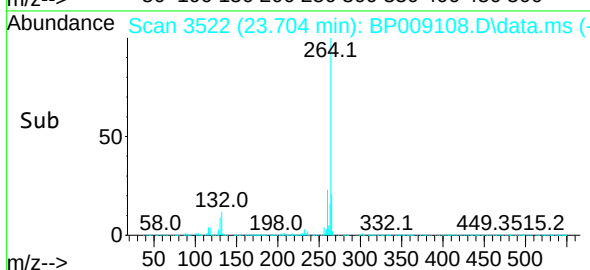
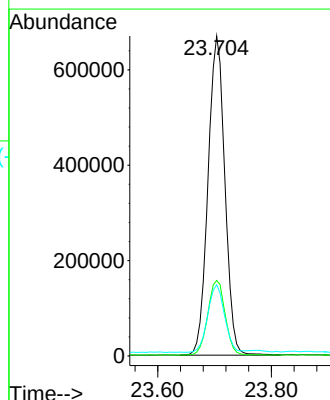
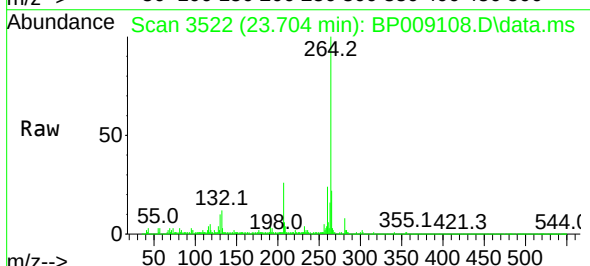
Delta R.T. 0.012 min

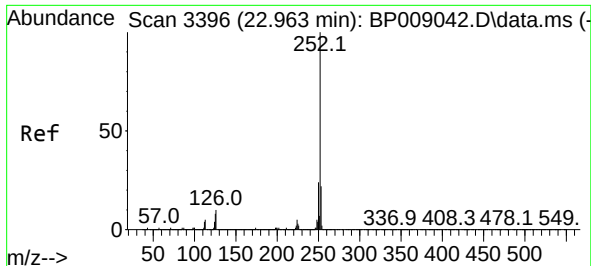
Lab File: BP009108.D

Acq: 10 Feb 2022 20:03

Tgt Ion:264 Resp: 1374542

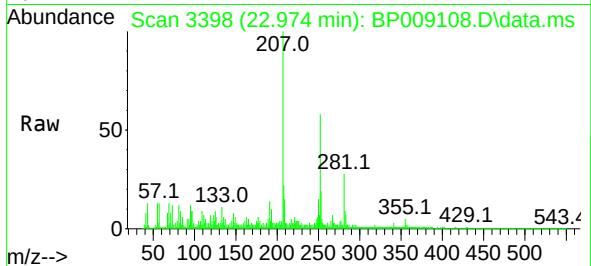
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.3	17.1	25.7





#88
Benzo(b)fluoranthene
Concen: 2.665 ng m
RT: 22.974 min Scan# 3396
Delta R.T. 0.012 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03

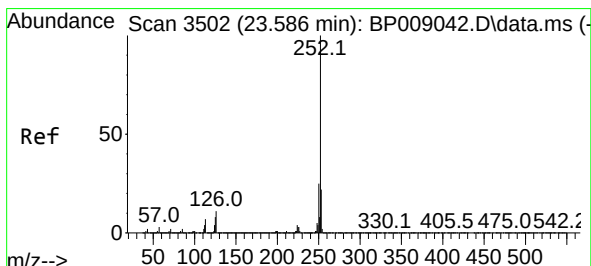
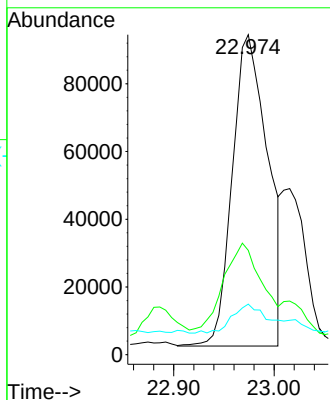
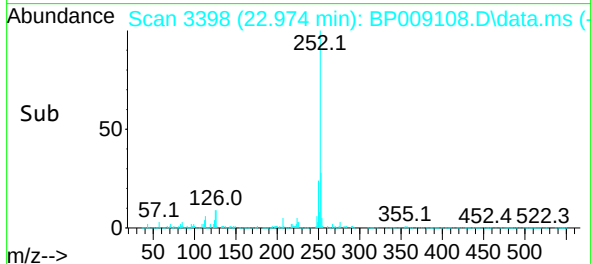
Instrument :
BNA_P
ClientSampleId :
TP-2



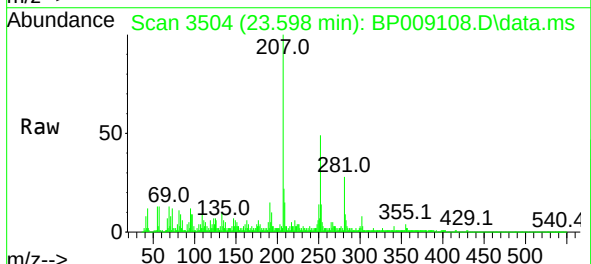
Tgt Ion:252 Resp: 225499
Ion Ratio Lower Upper
252 100
253 32.6 18.0 27.0#
125 15.8 6.9 10.3#

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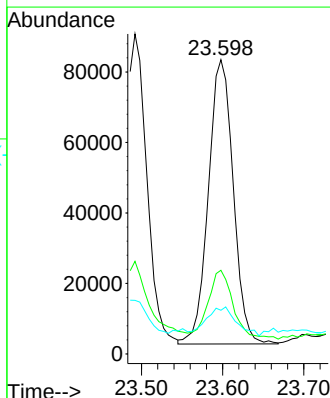
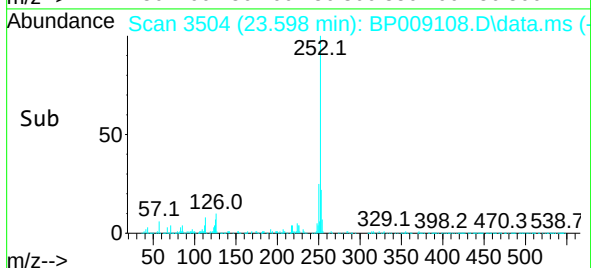
Reviewed By :Christian Giraldo 02/11/2022
Supervised By :Jagrut Upadhyay 02/11/2022

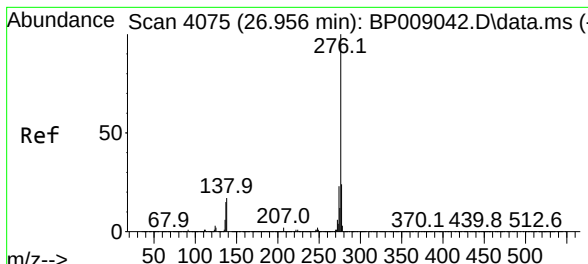


#90
Benzo(a)pyrene
Concen: 2.440 ng
RT: 23.598 min Scan# 3504
Delta R.T. 0.012 min
Lab File: BP009108.D
Acq: 10 Feb 2022 20:03



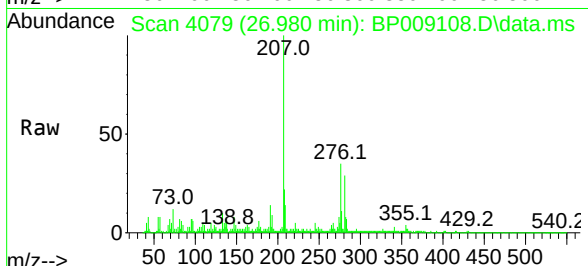
Tgt Ion:252 Resp: 172123
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.8#
125 14.8 7.8 11.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.493 ng
 RT: 26.980 min Scan# 4079
 Delta R.T. 0.023 min
 Lab File: BP009108.D
 Acq: 10 Feb 2022 20:03

Instrument :
 BNA_P
 ClientSampleId :
 TP-2



Tgt Ion: 276 Resp: 208300

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.2	28.8
138	18.4	15.0	22.4

Manual Integrations
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Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

