

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009145.D
 Acq On : 14 Feb 2022 21:07
 Operator : CG/JU
 Sample : N1525-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-021122

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :Yogesh Patel 02/18/2022

Quant Time: Feb 15 00:00:59 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	243365	20.000	ng	-0.02
21) Naphthalene-d8	10.587	136	814970	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	441953	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	871863	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1089440	20.000	ng	0.00
86) Perylene-d12	23.680	264	1200616	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1776248	130.195	ng	0.00
7) Phenol-d6	6.987	99	2128019	118.375	ng	0.00
23) Nitrobenzene-d5	8.952	82	1335849	92.437	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	780217	132.221	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2941828	93.183	ng	-0.01
79) Terphenyl-d14	19.757	244	4305965	71.078	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.234	178	187462	3.971	ng	99
75) Fluoranthene	19.210	202	337196	6.373	ng	96
78) Pyrene	19.563	202	309109	3.989	ng	99
81) Benzo(a)anthracene	21.275	228	159291	2.269	ng	98
83) Chrysene	21.327	228	155109	2.292	ng	97
88) Benzo(b)fluoranthene	22.957	252	180557m	2.443	ng	
90) Benzo(a)pyrene	23.580	252	137261	2.227	ng	# 91

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

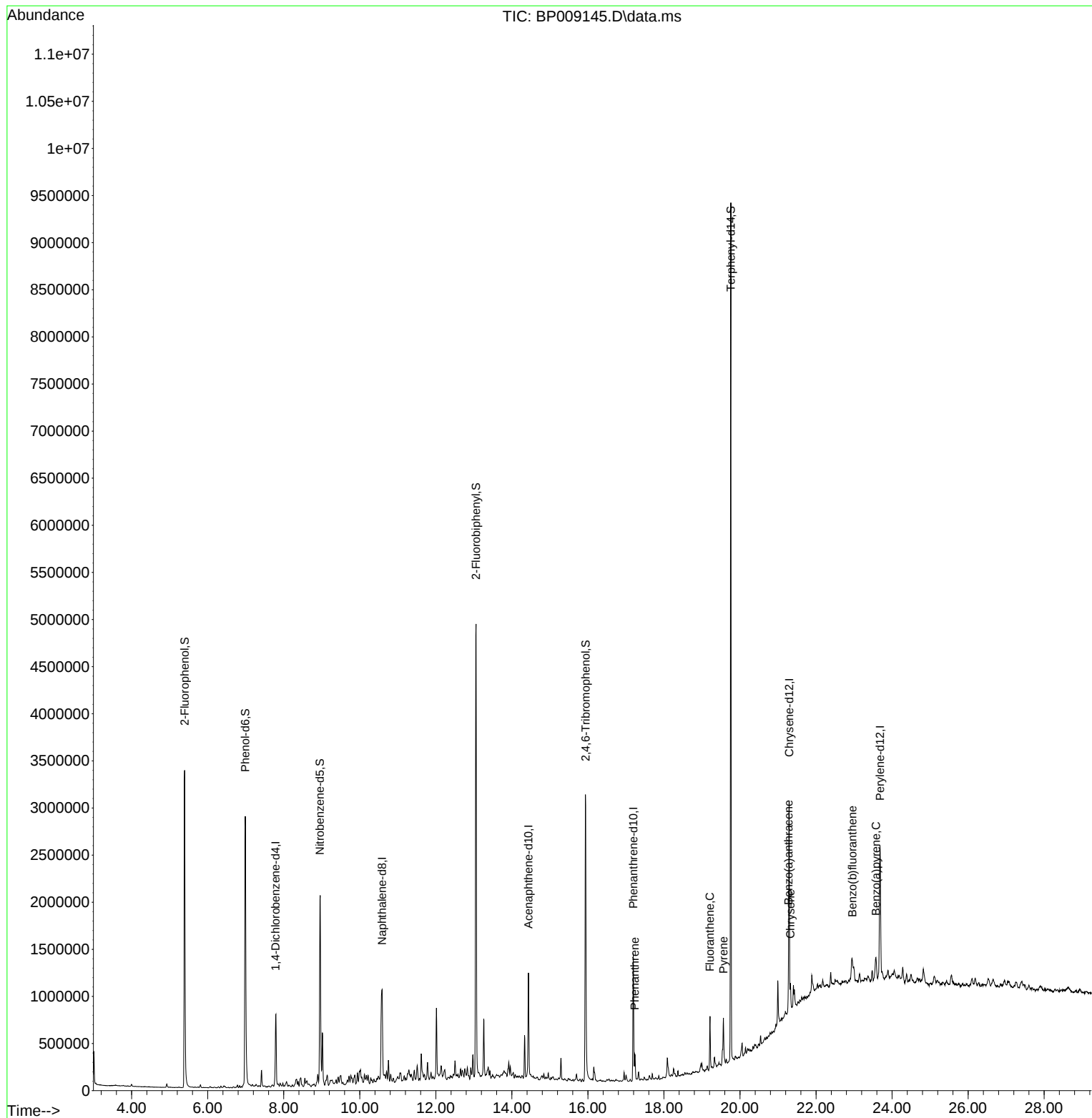
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009145.D
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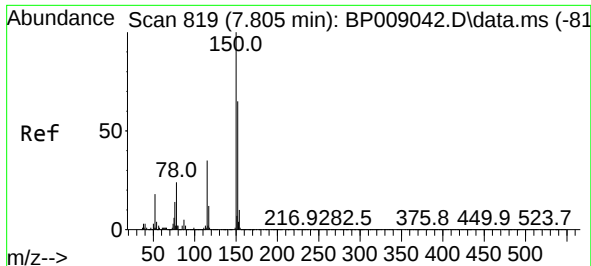
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Quant Time: Feb 15 00:00:59 2022
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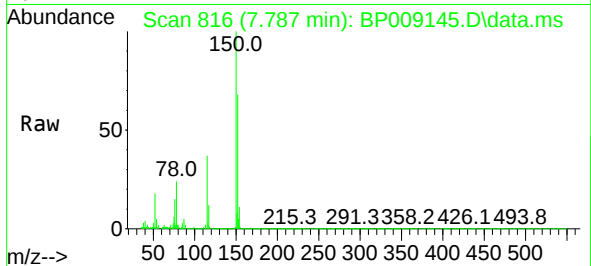
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

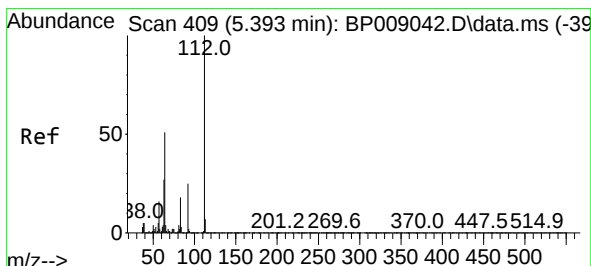
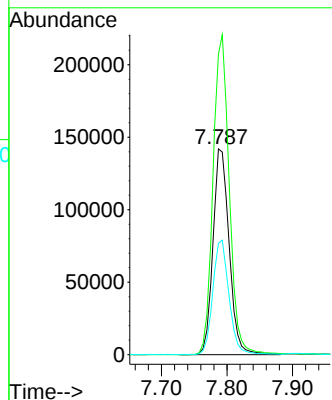
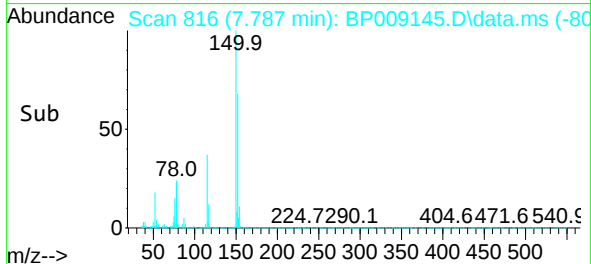
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BNA_P
ClientSampleId :
OR-02-021122



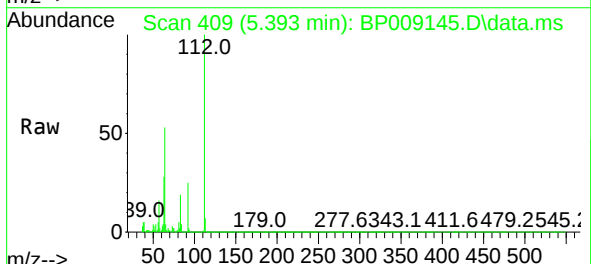
Tgt Ion:152 Resp: 24336
Ion Ratio Lower Upper
152 100
150 146.1 127.0 190.6
115 54.2 43.7 65.5

Manual Integrations
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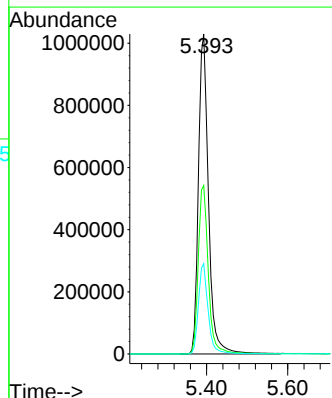
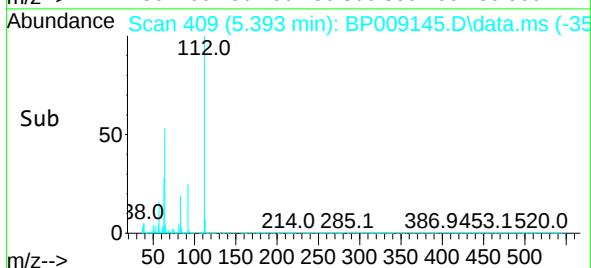
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

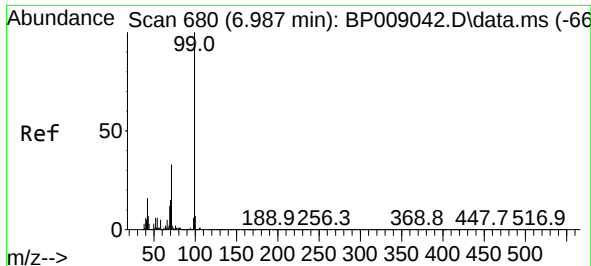


#5
2-Fluorophenol
Concen: 130.195 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07



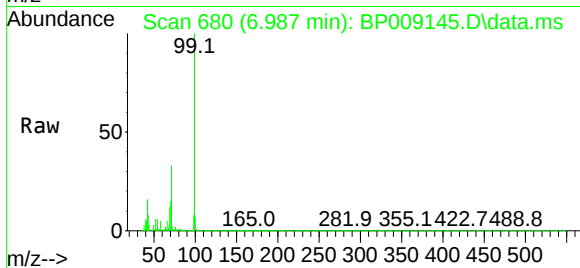
Tgt Ion:112 Resp: 1776248
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 28.2 20.0 30.0





#7
Phenol-d6
Concen: 118.375 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

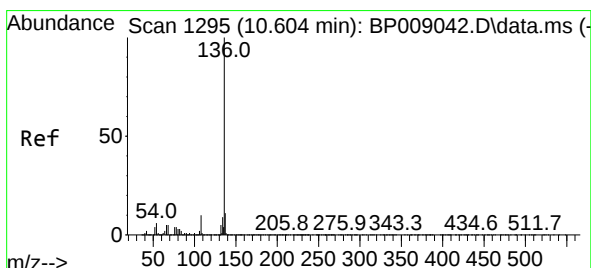
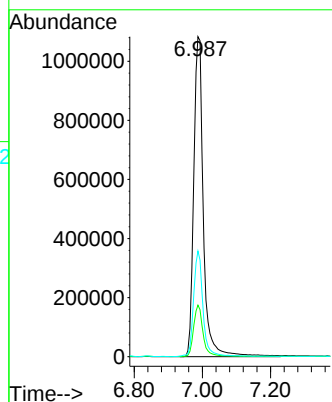
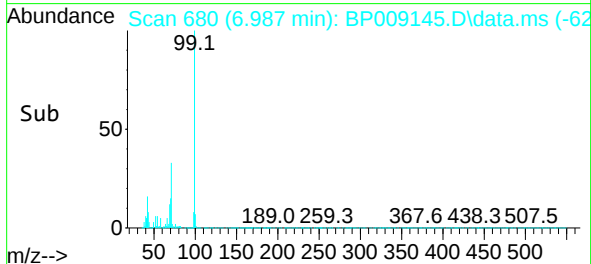
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ClientSampleId :
OR-02-021122



Tgt Ion: 99 Resp: 2128019
Ion Ratio Lower Upper
99 100
42 16.1 10.8 16.2
71 33.0 23.8 35.6

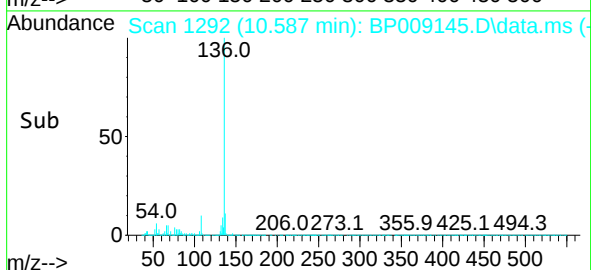
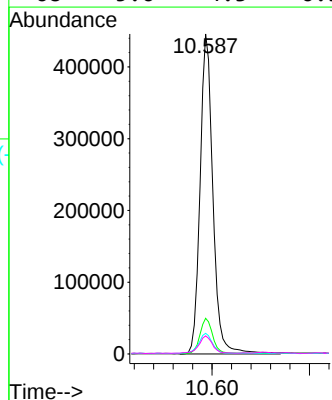
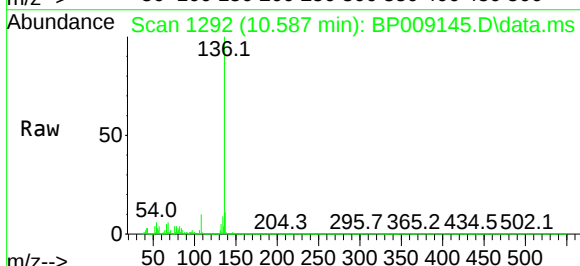
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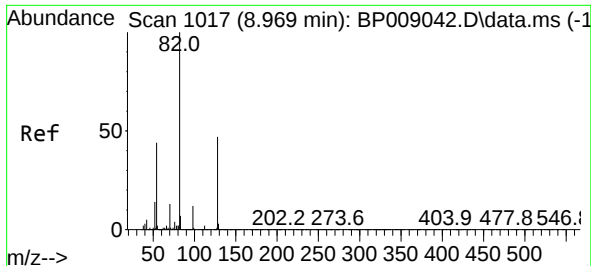
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

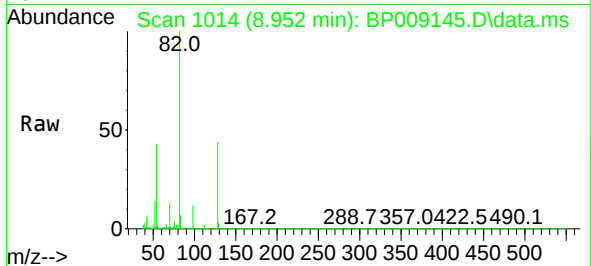
Tgt Ion:136 Resp: 814970
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.5 4.9 7.3
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 92.437 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

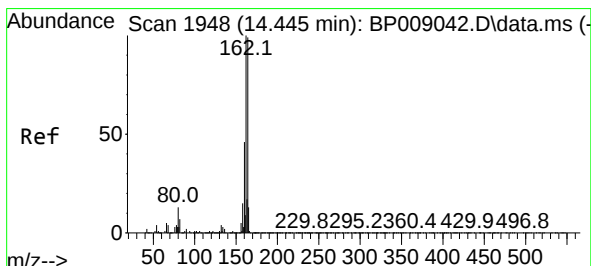
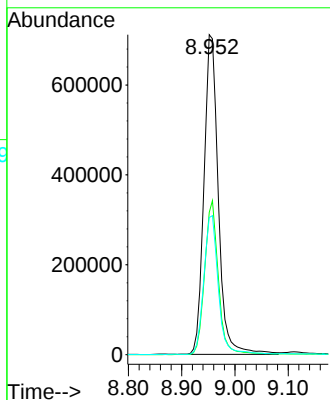
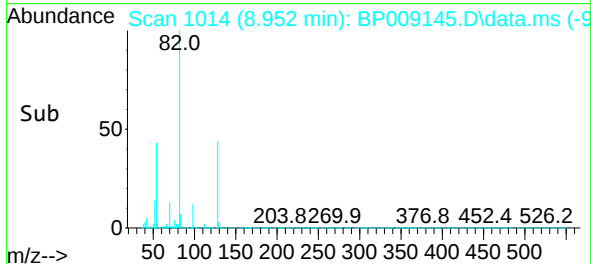
Instrument :
BNA_P
ClientSampleId :
OR-02-021122



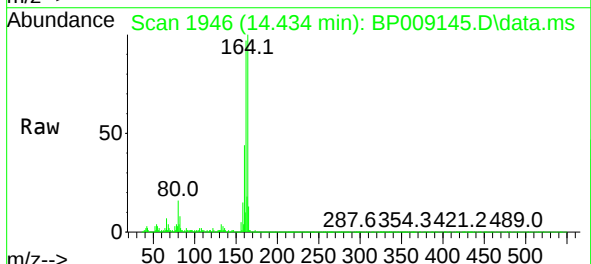
Tgt Ion: 82 Resp: 1335849
Ion Ratio Lower Upper
82 100
128 44.4 39.4 59.2
54 42.9 32.6 48.8

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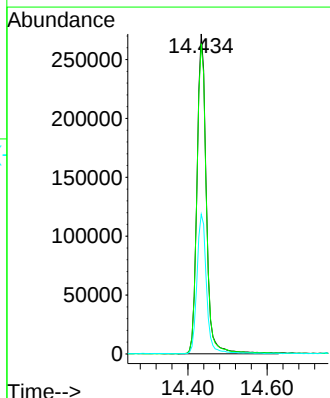
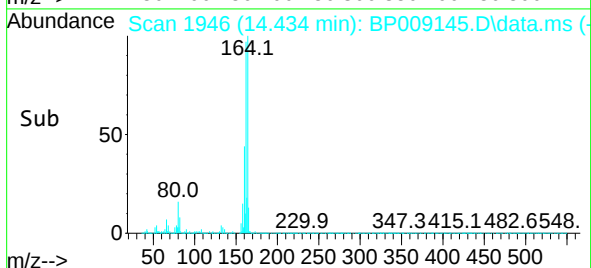
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

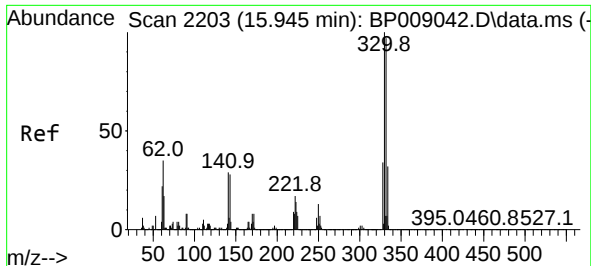


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07



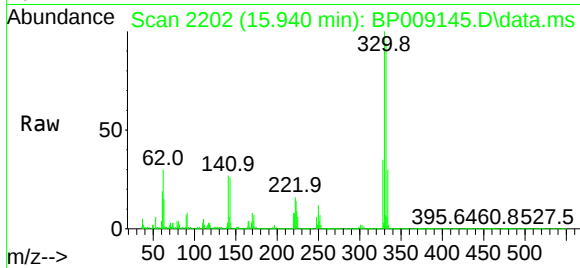
Tgt Ion:164 Resp: 441953
Ion Ratio Lower Upper
164 100
162 96.9 79.9 119.9
160 43.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 132.221 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

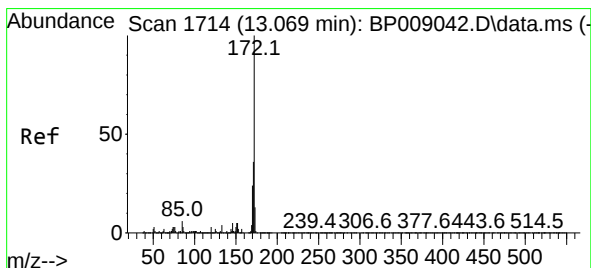
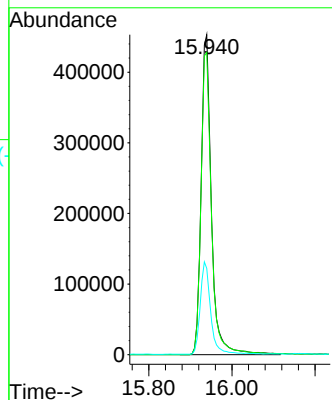
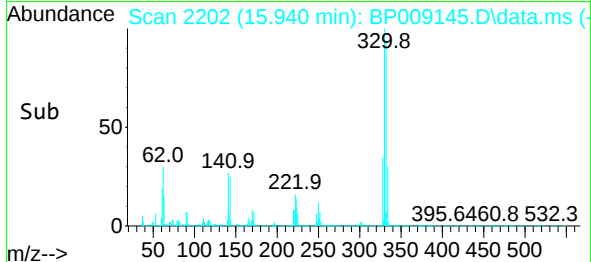
Instrument :
BNA_P
ClientSampleId :
OR-02-021122



Tgt Ion:330 Resp: 78021
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 29.4 21.3 31.9

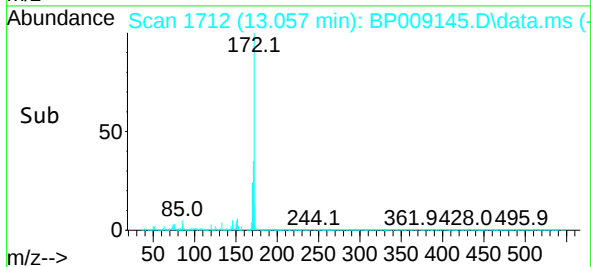
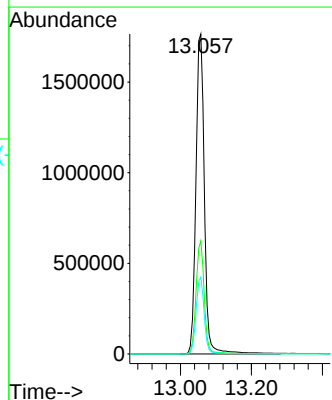
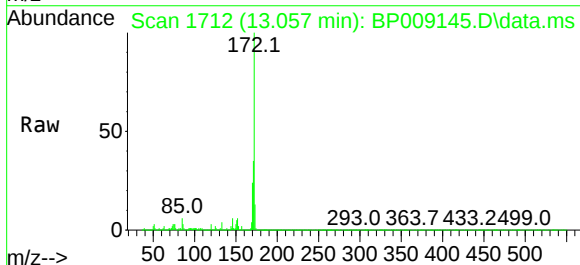
Manual Integrations
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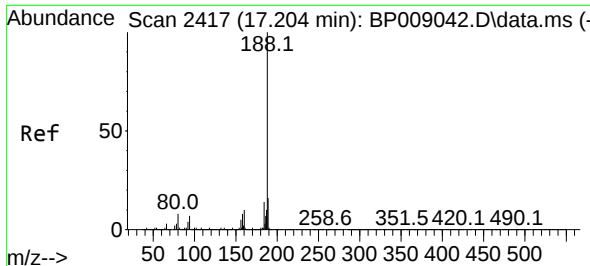
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#45
2-Fluorobiphenyl
Concen: 93.183 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Tgt Ion:172 Resp: 2941828
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.1 19.5 29.3





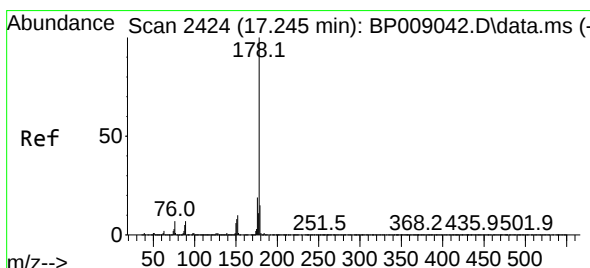
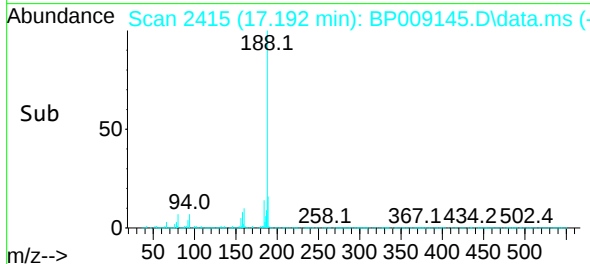
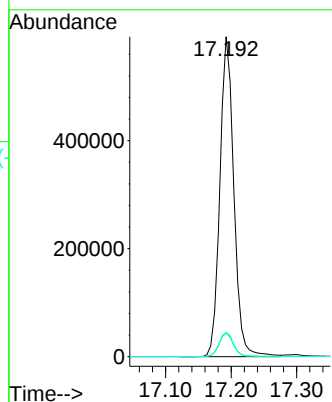
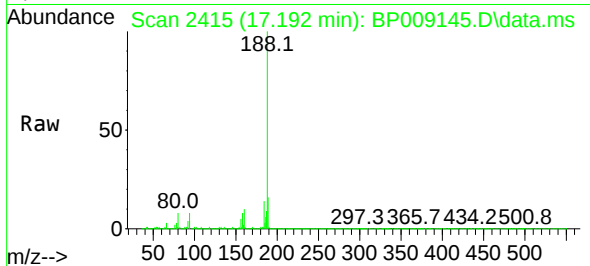
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

Instrument :
BNA_P
ClientSampleId :
OR-02-021122

Tgt Ion:188 Resp: 87186
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.5 7.2 10.8

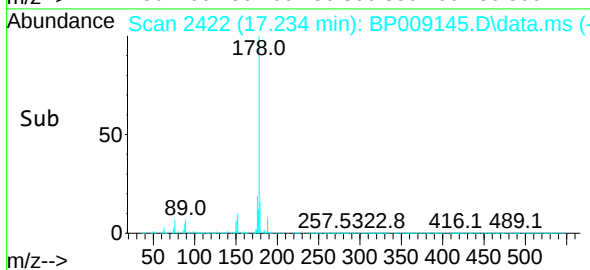
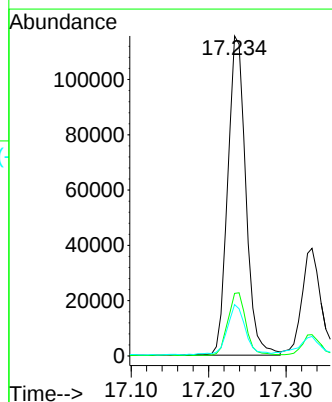
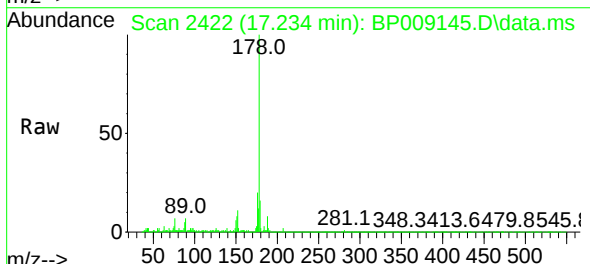
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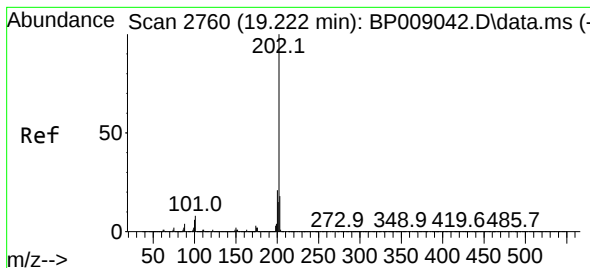
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022



#71
Phenanthrene
Concen: 3.971 ng
RT: 17.234 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

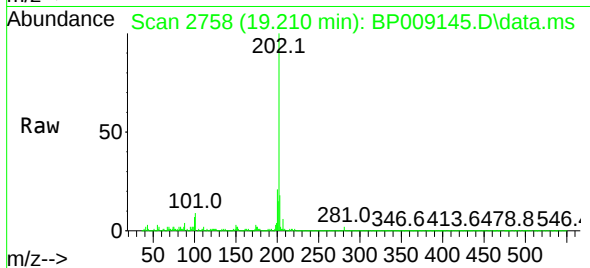
Tgt Ion:178 Resp: 187462
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 13.0 19.4





#75
Fluoranthene
Concen: 6.373 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

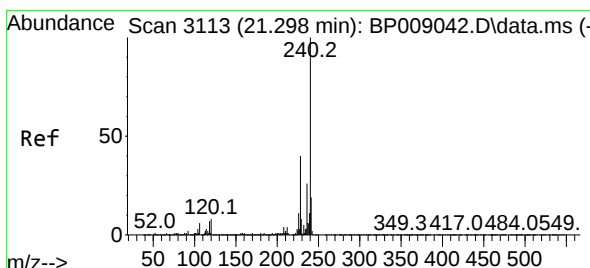
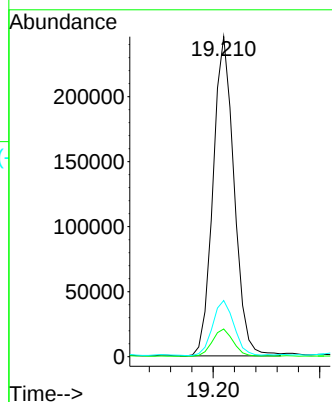
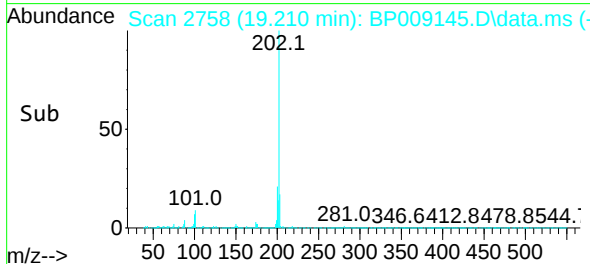
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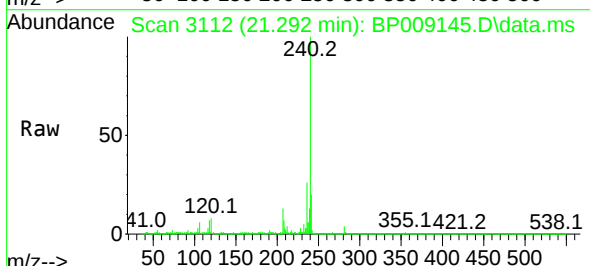
Tgt Ion:202 Resp: 337190
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 17.5 0.0 38.9

Manual Integrations
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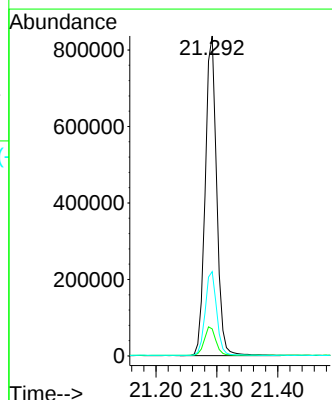
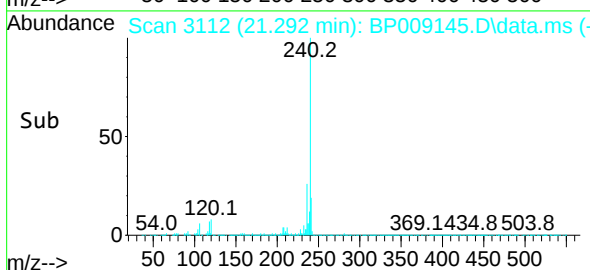
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

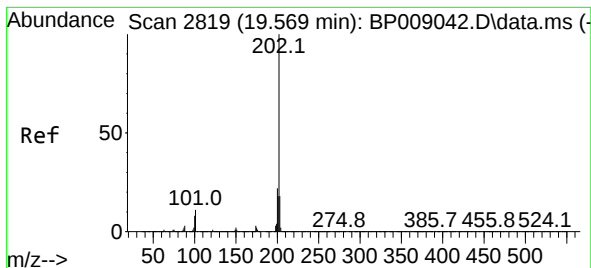


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07



Tgt Ion:240 Resp: 1089440
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.4 21.2 31.8





#78

Pyrene

Concen: 3.989 ng

RT: 19.563 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

Instrument :

BNA_P

ClientSampleId :

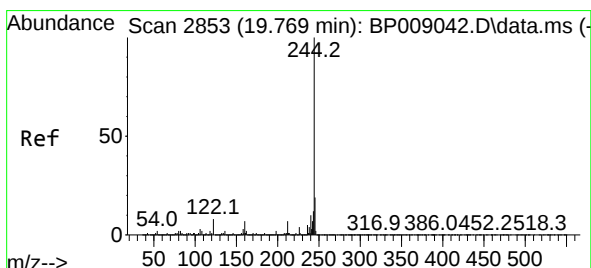
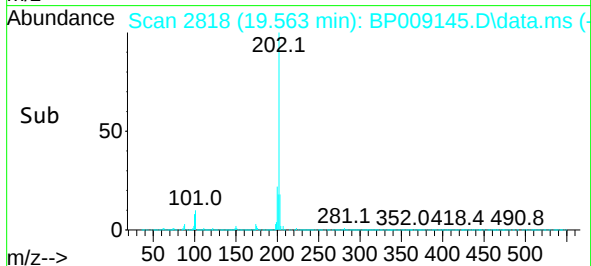
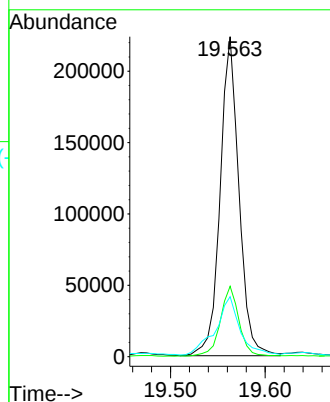
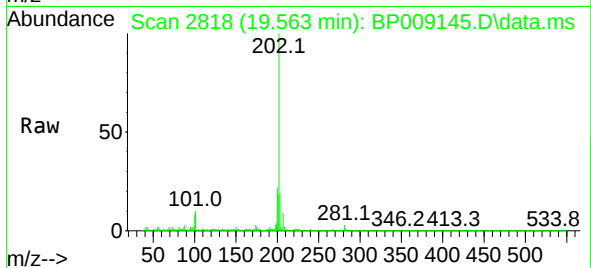
OR-02-021122

Tgt Ion:202 Resp: 309109
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.0 27.0
 203 18.8 15.0 22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :Yogesh Patel 02/18/2022



#79

Terphenyl-d14

Concen: 71.078 ng

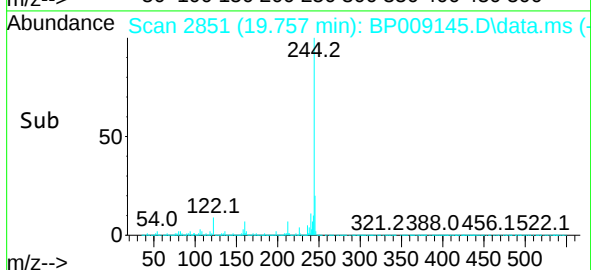
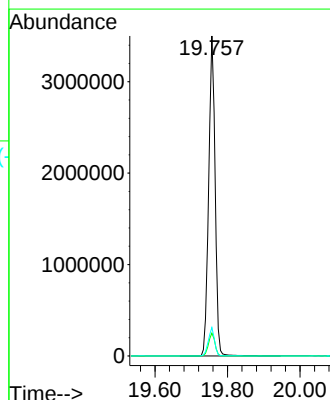
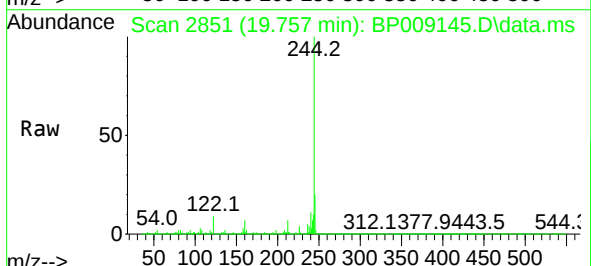
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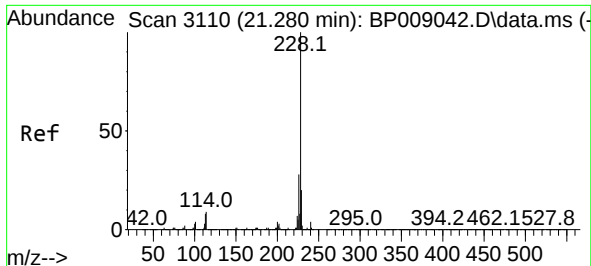
Delta R.T. -0.012 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

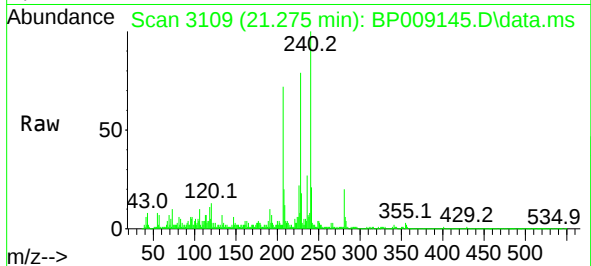
Tgt Ion:244 Resp: 4305965
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.9 9.2 13.8





#81
Benzo(a)anthracene
Concen: 2.269 ng
RT: 21.275 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07

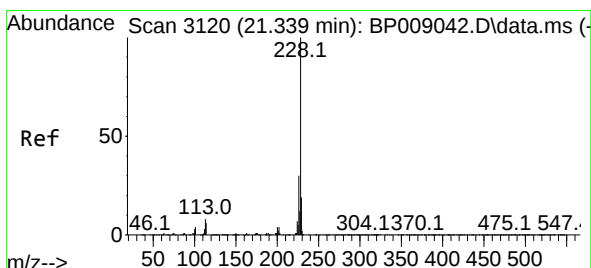
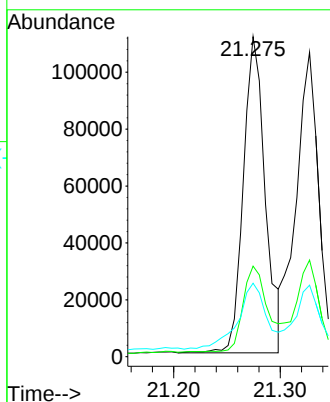
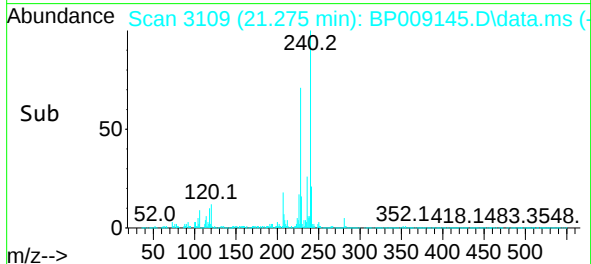
Instrument :
BNA_P
ClientSampleId :
OR-02-021122



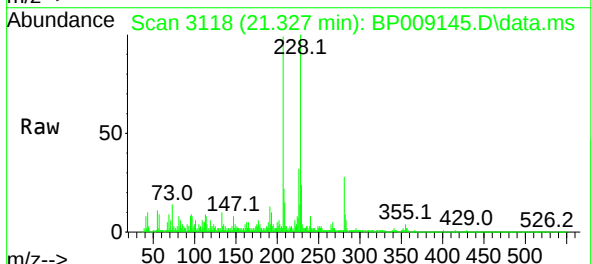
Tgt Ion:228 Resp: 15929
Ion Ratio Lower Upper
228 100
226 28.3 23.3 34.9
229 23.0 17.0 25.6

Manual Integrations
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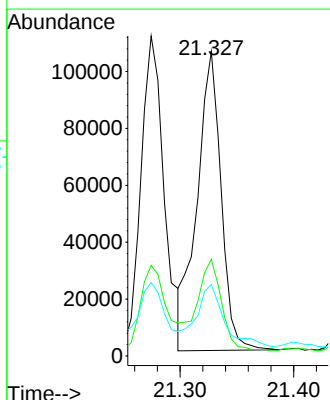
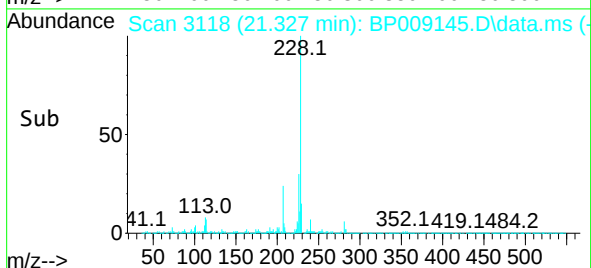
Reviewed By :Jagrut Upadhyay 02/15/2022
Supervised By :Yogesh Patel 02/18/2022

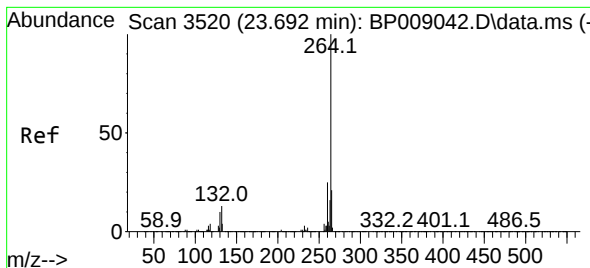


#83
Chrysene
Concen: 2.292 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP009145.D
Acq: 14 Feb 2022 21:07



Tgt Ion:228 Resp: 155109
Ion Ratio Lower Upper
228 100
226 31.7 26.0 39.0
229 23.5 16.9 25.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 3518

Delta R.T. -0.012 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

Instrument :

BNA_P

ClientSampleId :

OR-02-021122

Tgt Ion:264 Resp: 1200610

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

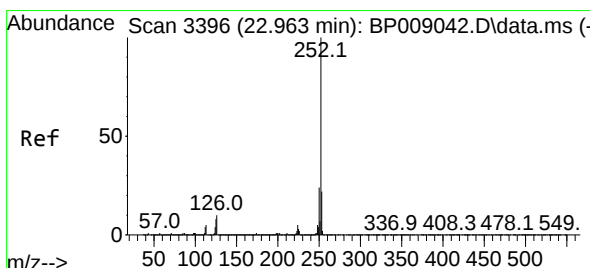
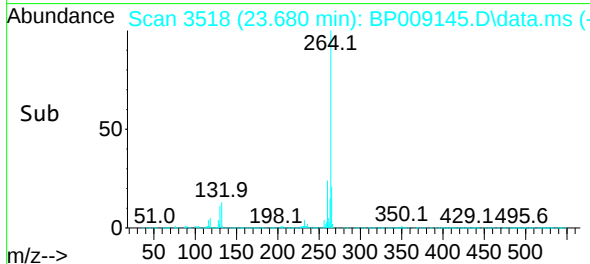
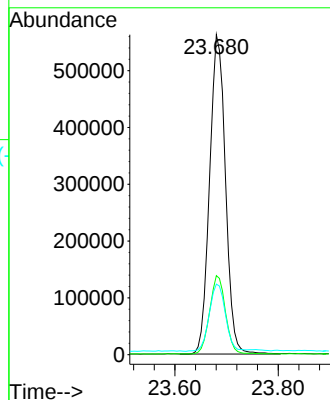
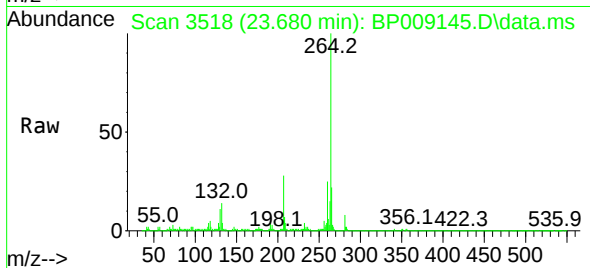
265 22.1 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022

Supervised By :Yogesh Patel 02/18/2022



#88

Benzo(b)fluoranthene

Concen: 2.443 ng m

RT: 22.957 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BP009145.D

Acq: 14 Feb 2022 21:07

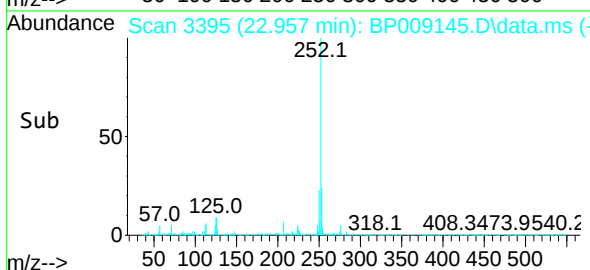
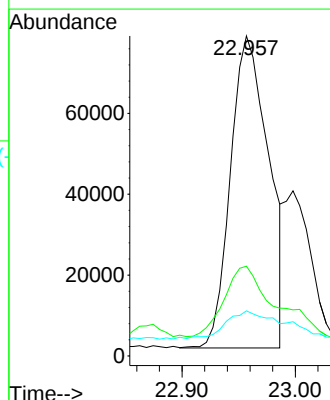
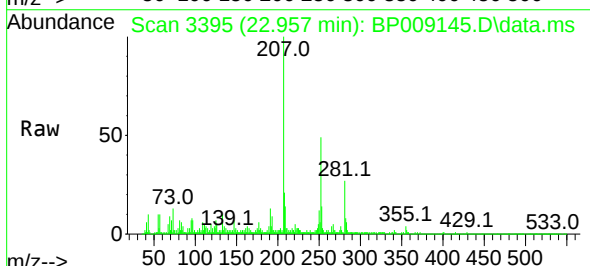
Tgt Ion:252 Resp: 180557

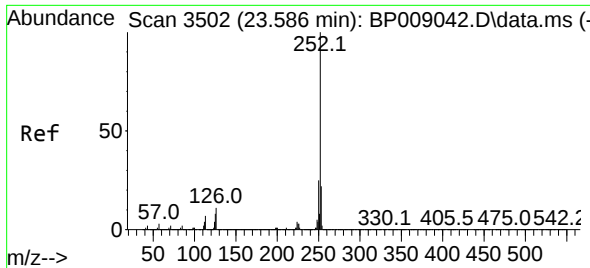
Ion Ratio Lower Upper

252 100

253 28.1 18.0 27.0#

125 14.1 6.9 10.3#





#90

Benzo(a)pyrene

Concen: 2.227 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BP009145.D

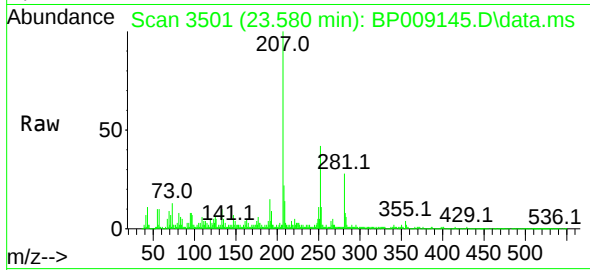
Acq: 14 Feb 2022 21:07

Instrument :

BNA_P

ClientSampleId :

OR-02-021122



Tgt Ion:252 Resp: 13726

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.8

125 14.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022

Supervised By :Yogesh Patel 02/18/2022

