

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019184.D
 Acq On : 26 Mar 2022 09:45
 Operator : CG/JU
 Sample : N2090-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 28 09:11:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4101	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	11975	0.40	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8820	0.40	ng	# 0.00
19) Phenanthrene-d10	17.225	188	15063	0.40	ng	0.00
29) Chrysene-d12	21.413	240	12194	0.40	ng	# 0.00
35) Perylene-d12	23.776	264	10416	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1550	0.16	ng	0.00
5) Phenol-d6	7.009	99	699	0.06	ng	0.00
8) Nitrobenzene-d5	8.993	82	2701	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7508	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1546	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11111	0.30	ng	0.00
27) Fluoranthene-d10	19.257	212	19964	0.45	ng	0.00
31) Terphenyl-d14	19.851	244	11512	0.42	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.701	128	5907	0.18	ng	# 1
12) 2-Methylnaphthalene	12.306	142	678	0.03	ng	# 42
16) Acenaphthylene	14.206	152	3896	0.10	ng	# 2
17) Acenaphthene	14.538	154	38262	1.34	ng	99
18) Fluorene	15.532	166	13304	0.37	ng	# 95
26) Anthracene	17.359	178	22007	0.55	ng	# 93
28) Fluoranthene	19.286	202	73277	1.34	ng	99
30) Pyrene	19.649	202	45856	0.80	ng	# 94
32) Benzo(a)anthracene	21.395	228	2750m	0.07	ng	
34) Bis(2-ethylhexyl)phtha...	21.324	149	3810	0.16	ng	# 96

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

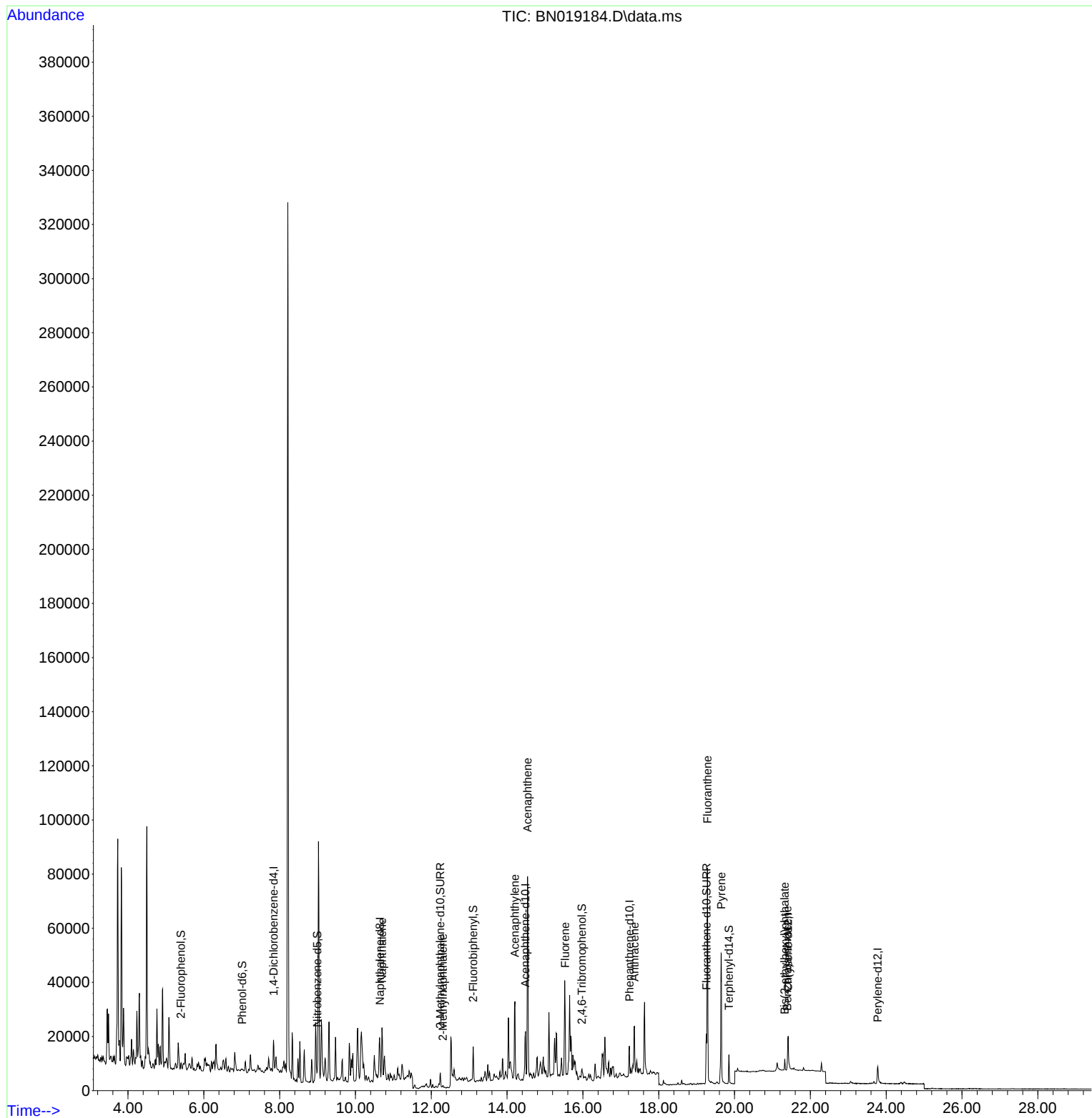
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019184.D
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ALS Vial : 30 Sample Multiplier: 1

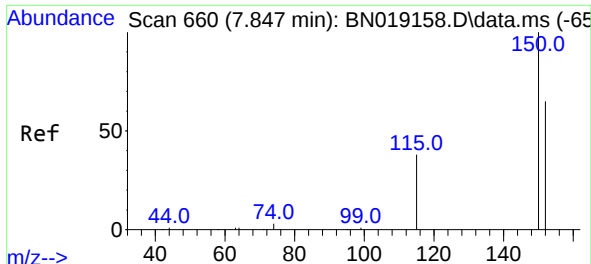
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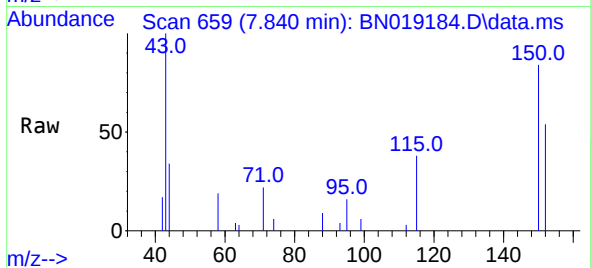
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.840 min Scan# 660
Delta R.T. -0.007 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :

BNA_N

ClientSampleId :

MW-50

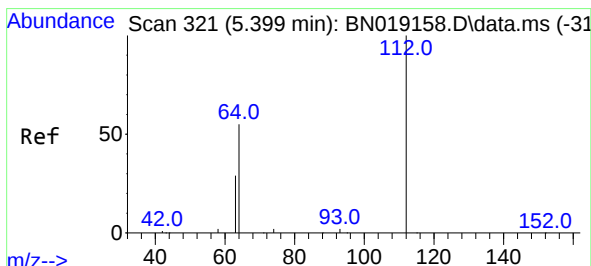
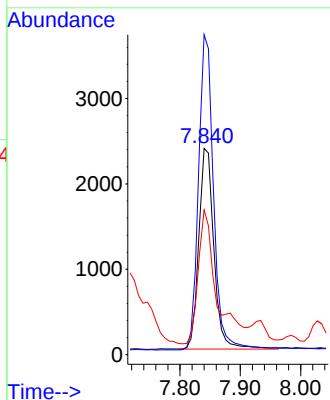
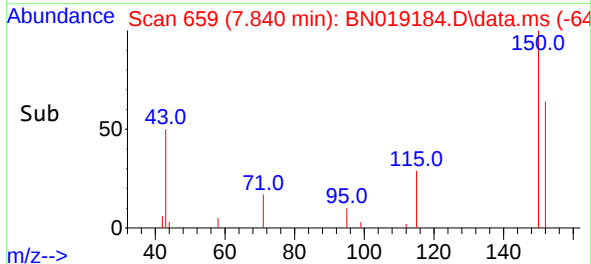


Tgt Ion:152 Resp: 410
Ion Ratio Lower Upper
152 100
150 155.1 123.9 185.9
115 70.2 48.2 72.4

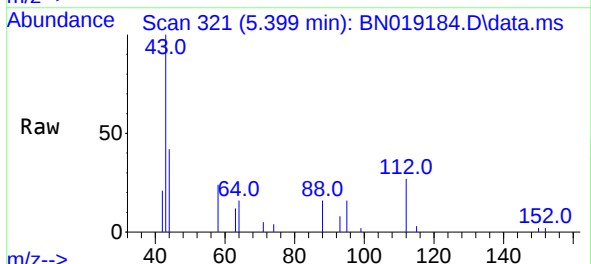
Manual Integrations

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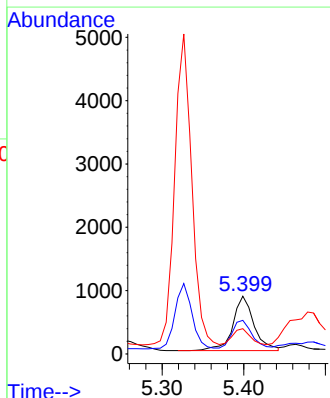
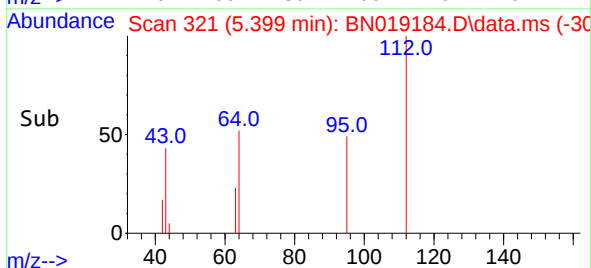
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

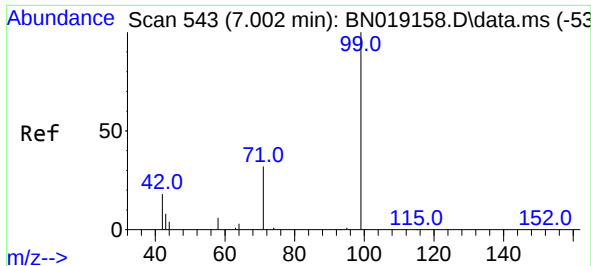


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



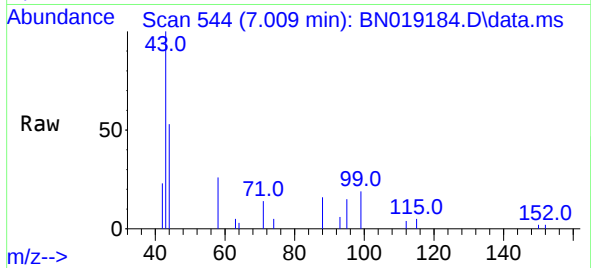
Tgt Ion:112 Resp: 1550
Ion Ratio Lower Upper
112 100
64 46.6 47.8 71.8#
63 23.7 25.7 38.5#





#5
Phenol-d6
Concen: 0.06 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

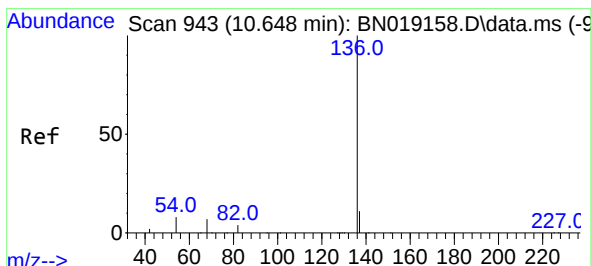
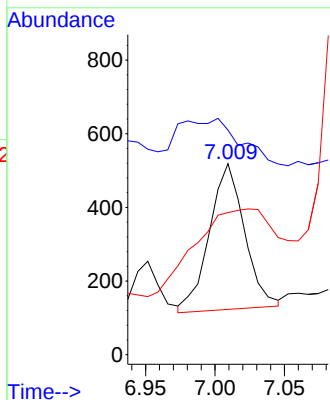
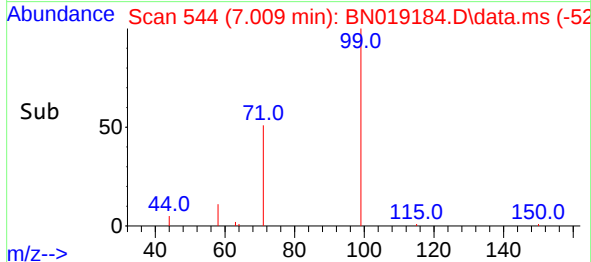
Instrument :
BNA_N
ClientSampleId :
MW-50



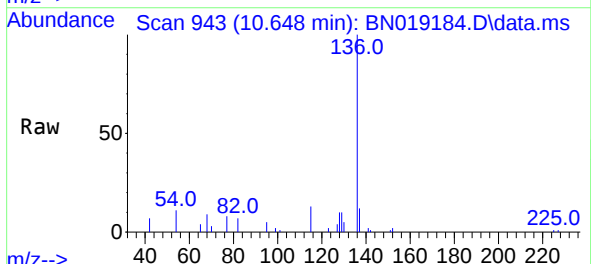
Tgt Ion: 99 Resp: 699
Ion Ratio Lower Upper
99 100
42 57.4 16.2 24.4
71 0.0 27.7 41.5

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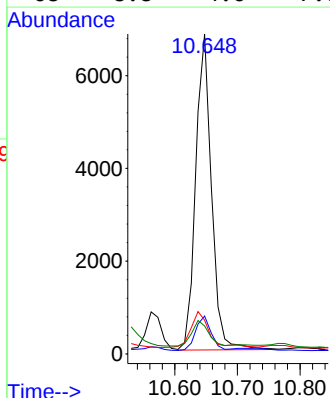
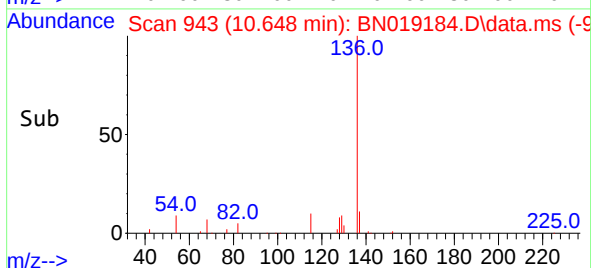
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

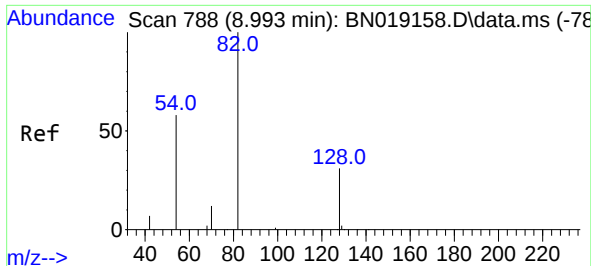


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



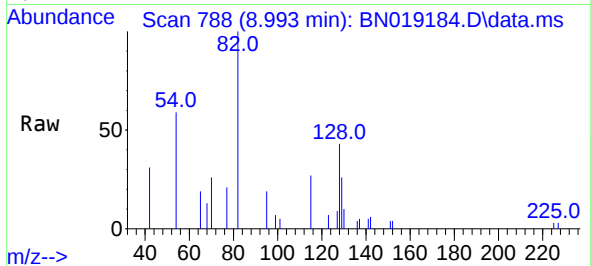
Tgt Ion:136 Resp: 11975
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 10.5 5.8 8.6#
68 8.8 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

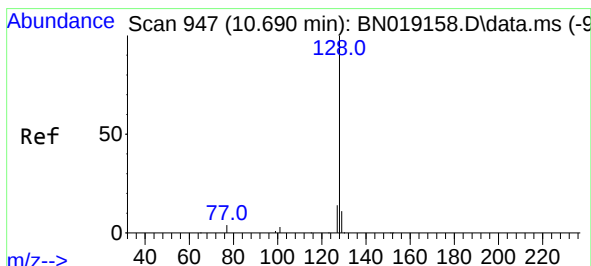
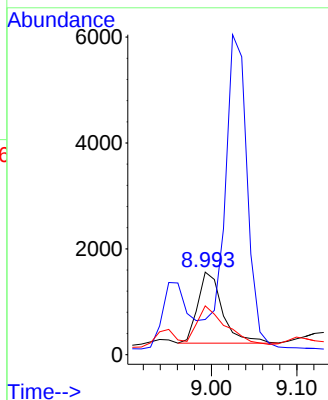
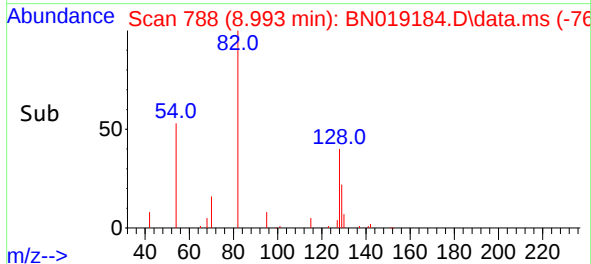
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 82 Resp: 270
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.6
54 59.1 42.5 63.7

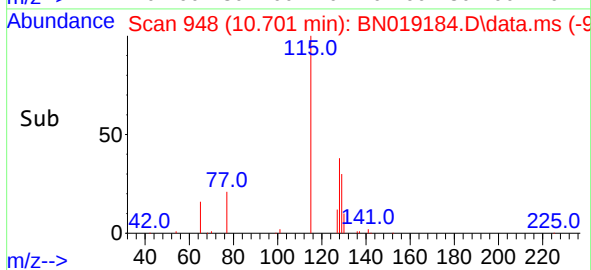
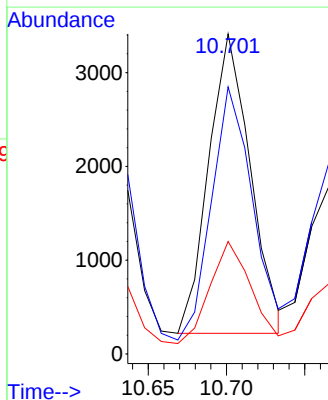
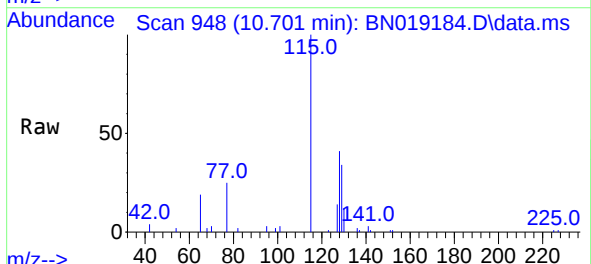
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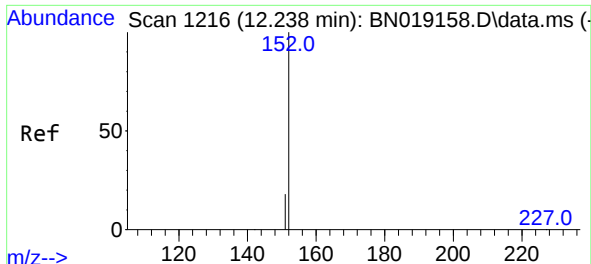
Reviewed By :Christian Giraldo 03/28/2022
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#9
Naphthalene
Concen: 0.18 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

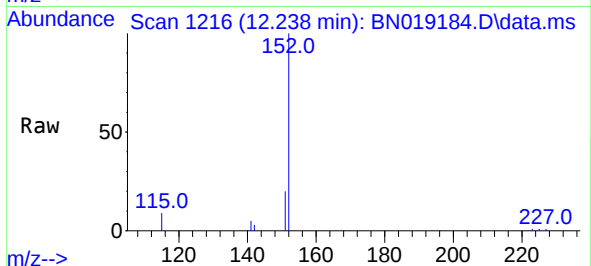
Tgt Ion:128 Resp: 5907
Ion Ratio Lower Upper
128 100
129 83.5 9.0 13.4#
127 35.1 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

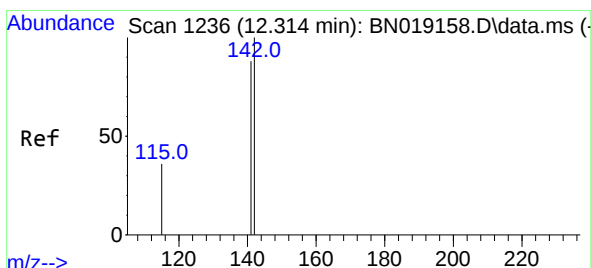
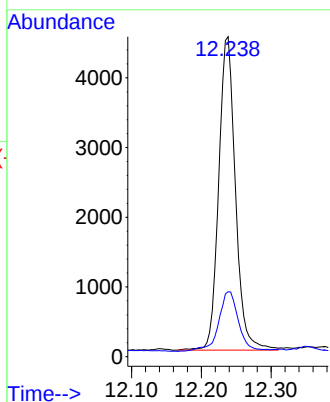
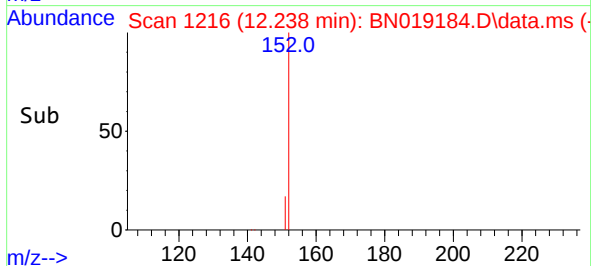
Instrument :
BNA_N
ClientSampleId :
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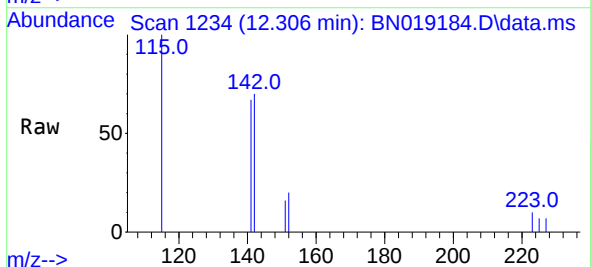
Tgt Ion:152 Resp: 7508
Ion Ratio Lower Upper
152 100
151 22.9 16.5 24.7

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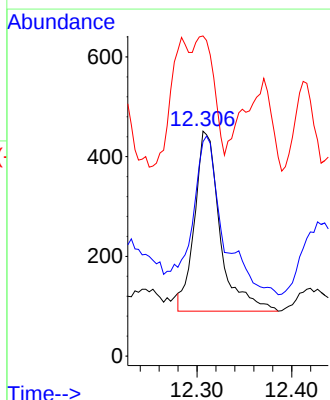
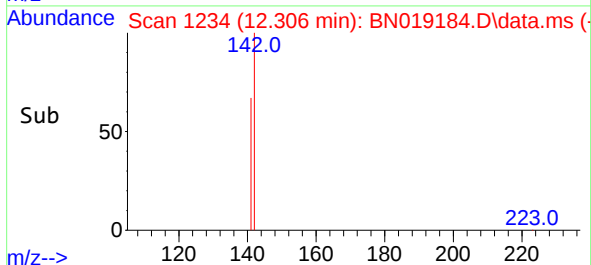
Reviewed By :Christian Giraldo 03/28/2022
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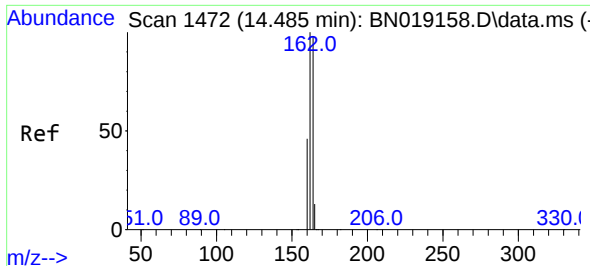


#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.306 min Scan# 1234
Delta R.T. -0.008 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



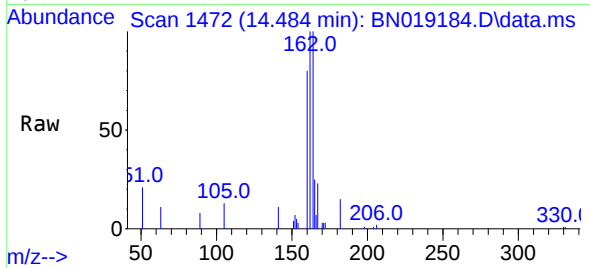
Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
141 95.3 70.0 105.0
115 142.4 29.8 44.8#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

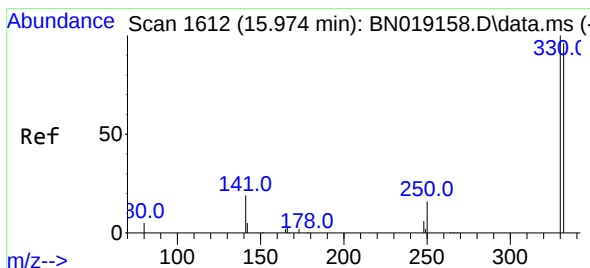
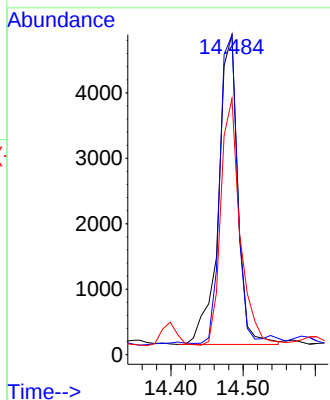
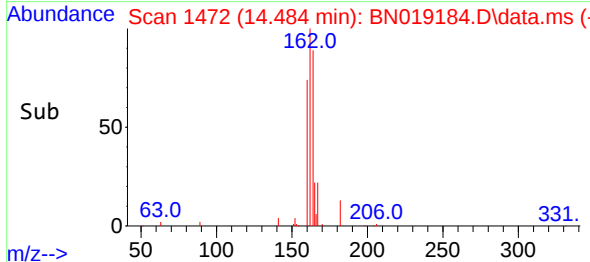
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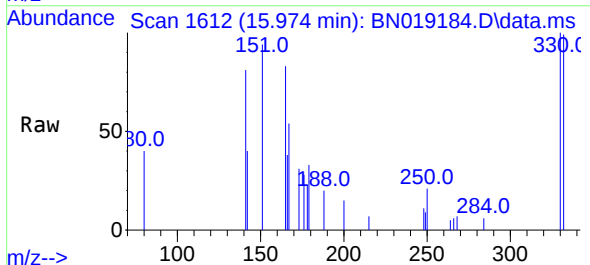
Tgt Ion:164 Resp: 8820
Ion Ratio Lower Upper
164 100
162 99.9 85.2 127.8
160 80.0 41.5 62.3

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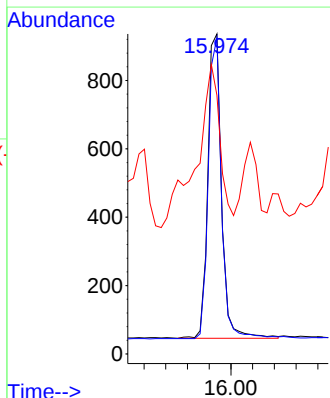
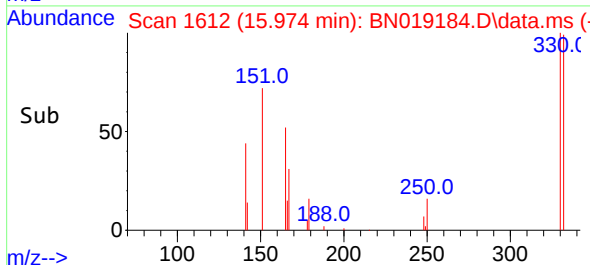
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Supervised By :Jagrut Upadhyay 03/29/2022

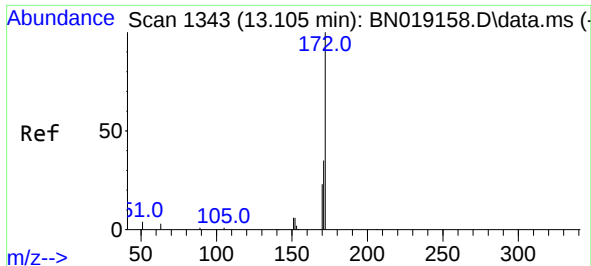


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



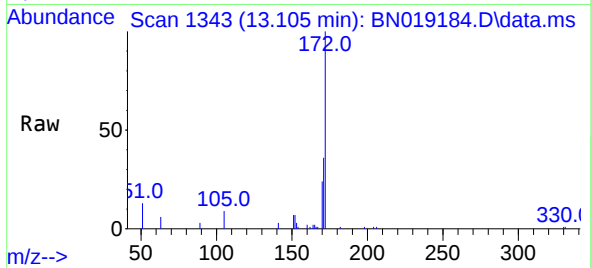
Tgt Ion:330 Resp: 1546
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 73.7 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.105 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

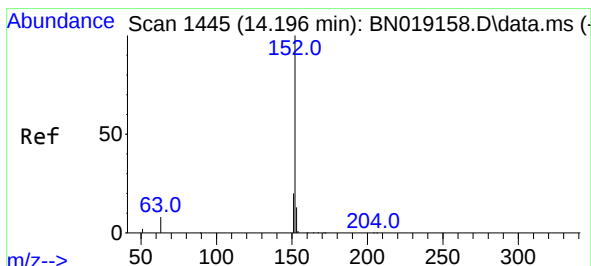
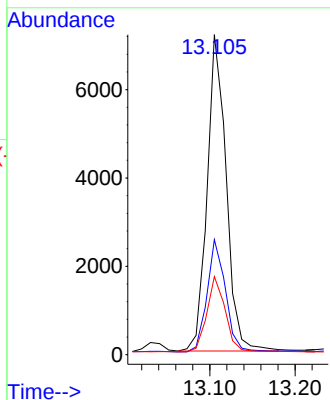
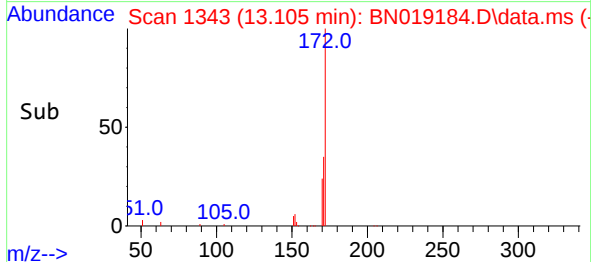
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Tgt Ion:172 Resp: 1111
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.4 18.7 28.1

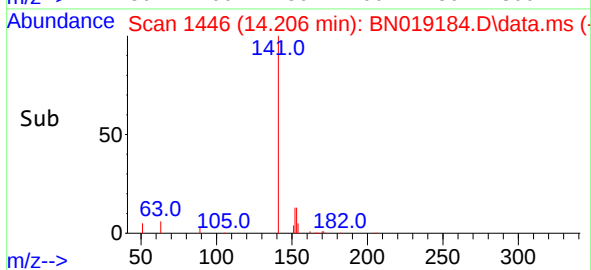
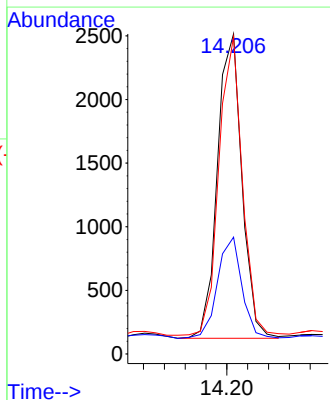
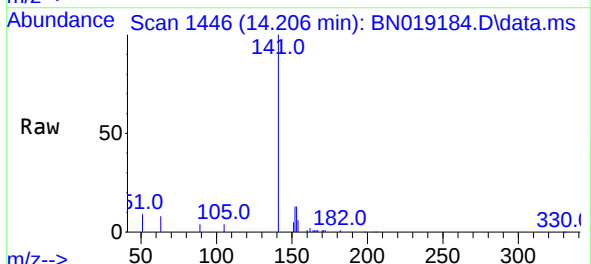
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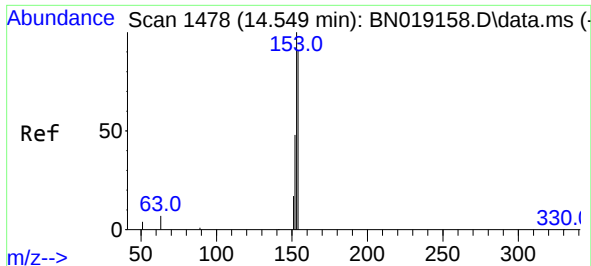
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.206 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

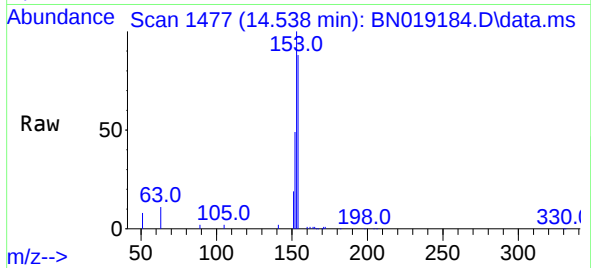
Tgt Ion:152 Resp: 3896
Ion Ratio Lower Upper
152 100
151 33.3 15.9 23.9#
153 93.4 10.6 15.8#





#17
Acenaphthene
Concen: 1.34 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

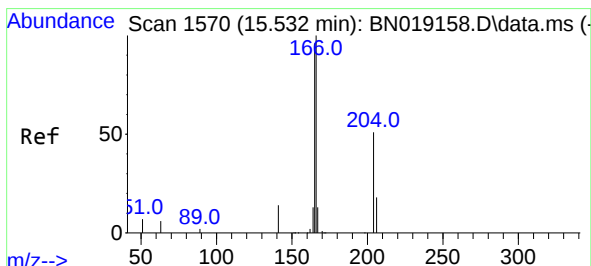
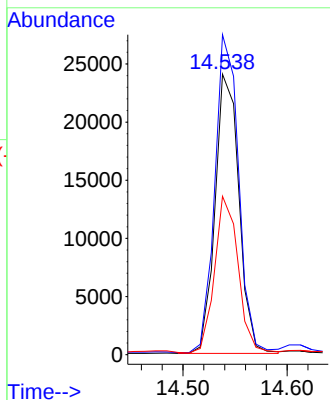
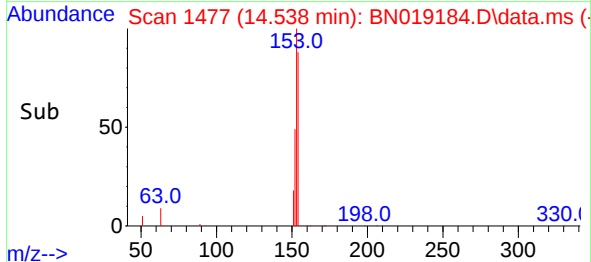
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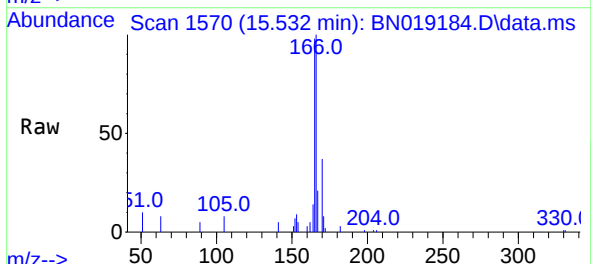
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Ion Ratio Lower Upper
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153 112.7 89.7 134.5
152 55.3 44.7 67.1

Manual Integrations
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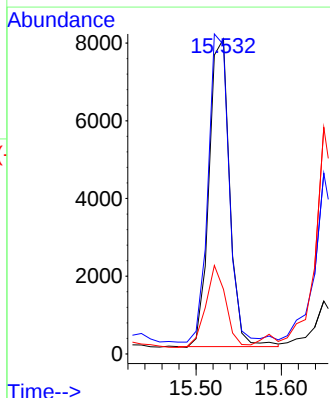
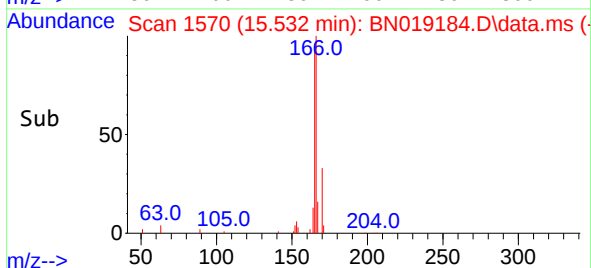
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

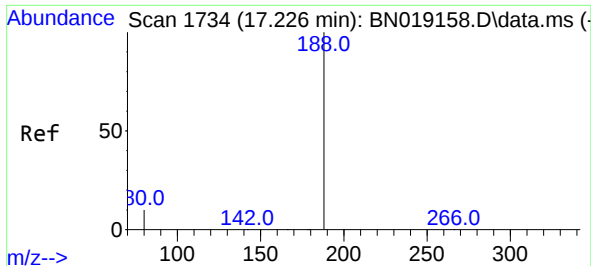


#18
Fluorene
Concen: 0.37 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



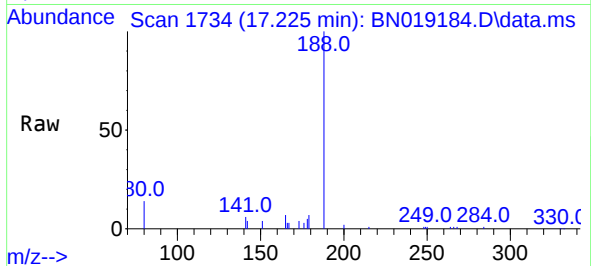
Tgt Ion:166 Resp: 13304
Ion Ratio Lower Upper
166 100
165 100.7 79.2 118.8
167 26.0 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

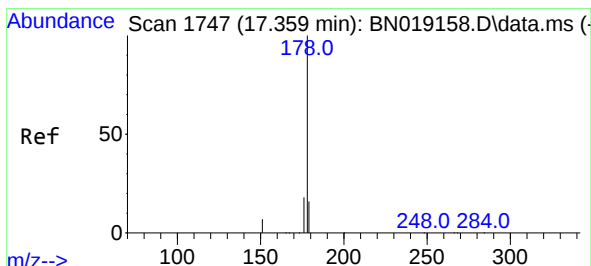
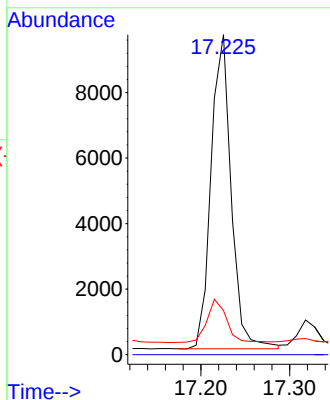
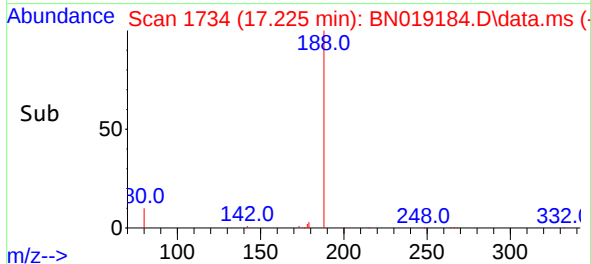
Instrument :
BNA_N
ClientSampleId :
MW-50



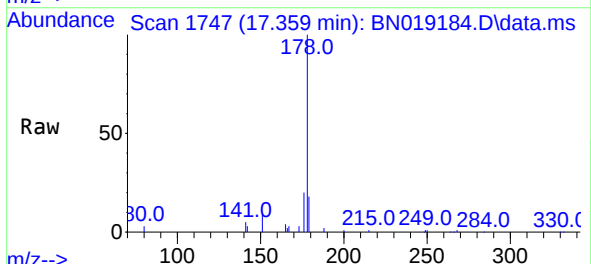
Tgt Ion:188 Resp: 1506
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 11.8 17.8

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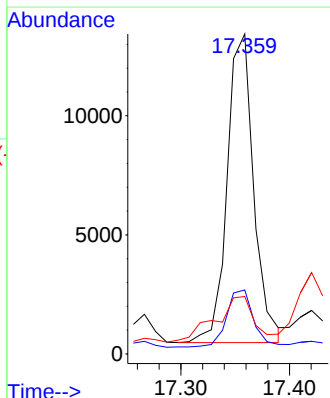
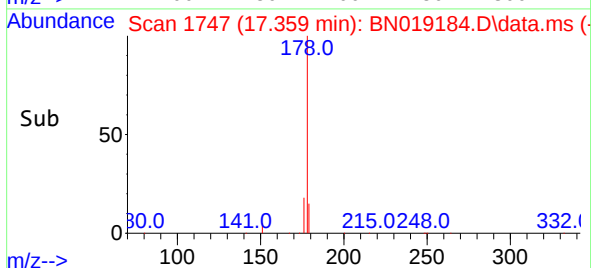
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

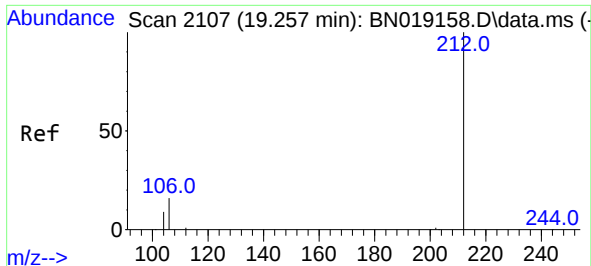


#26
Anthracene
Concen: 0.55 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



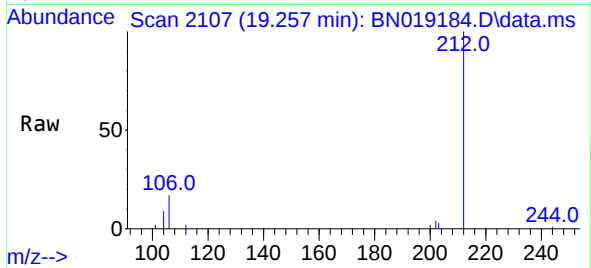
Tgt Ion:178 Resp: 22007
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 21.4 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

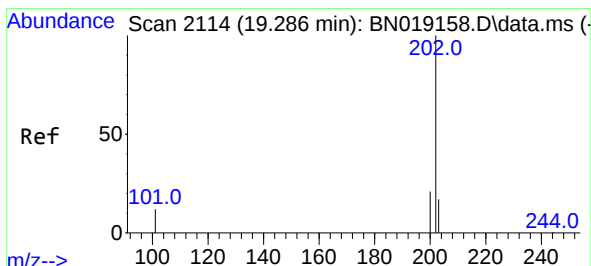
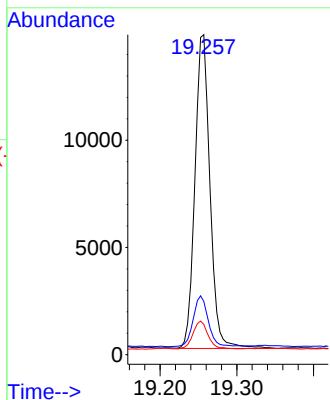
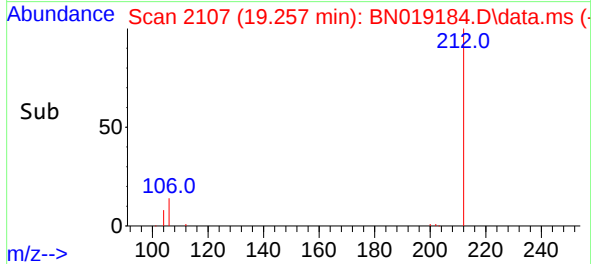
Instrument :
BNA_N
ClientSampleId :
MW-50



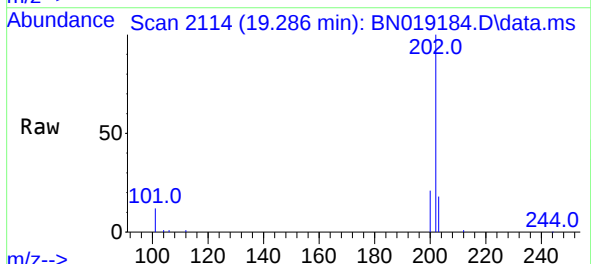
Tgt Ion:212 Resp: 19964
Ion Ratio Lower Upper
212 100
106 16.3 12.7 19.1
104 8.9 7.1 10.7

Manual Integrations
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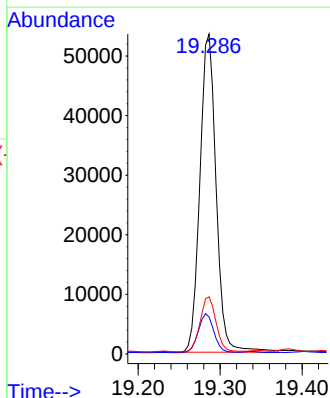
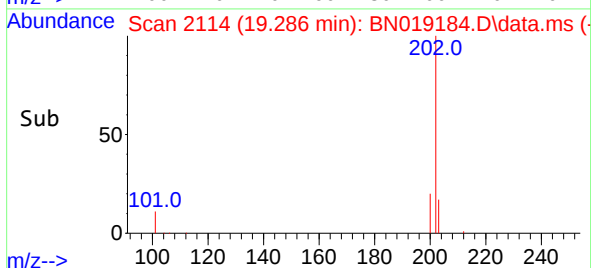
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

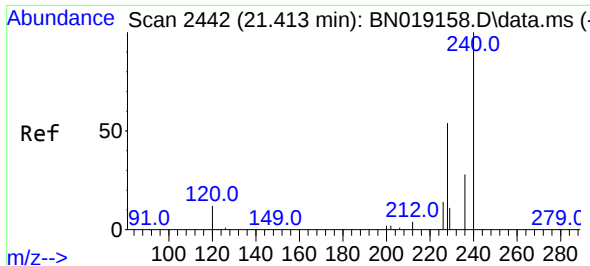


#28
Fluoranthene
Concen: 1.34 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



Tgt Ion:202 Resp: 73277
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
203 16.9 13.7 20.5





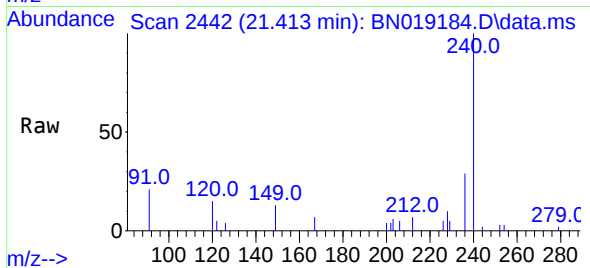
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :

BNA_N

ClientSampleId :

MW-50

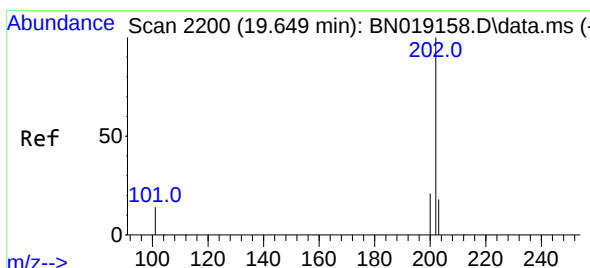
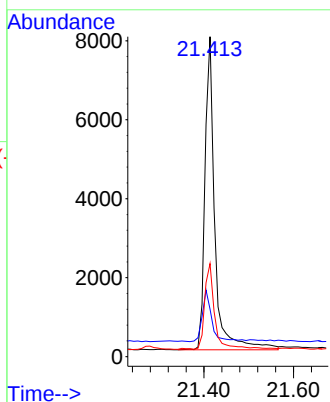
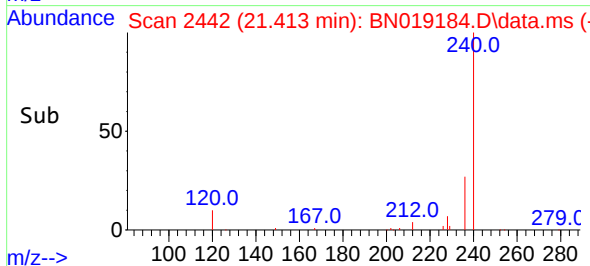


Tgt Ion:240 Resp: 12194
Ion Ratio Lower Upper
240 100
120 14.9 8.5 12.7
236 29.1 22.4 33.6

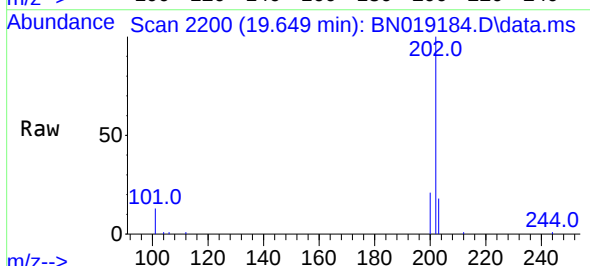
Manual Integrations

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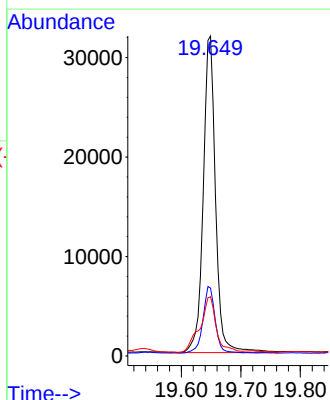
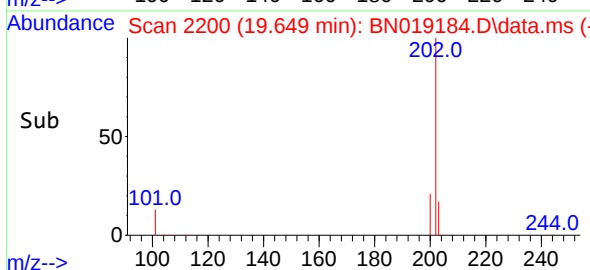
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

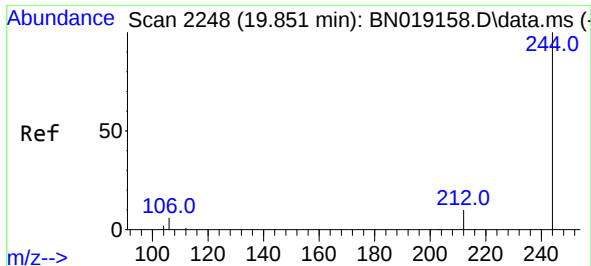


#30
Pyrene
Concen: 0.80 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45



Tgt Ion:202 Resp: 45856
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 23.0 14.2 21.2





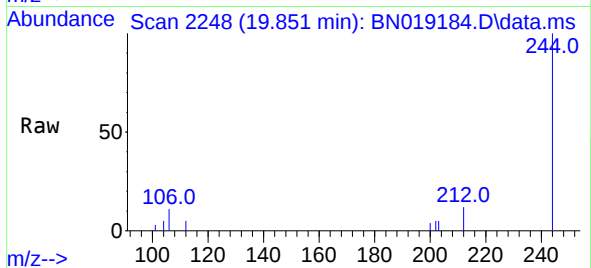
#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.851 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :

BNA_N

ClientSampleId :

MW-50

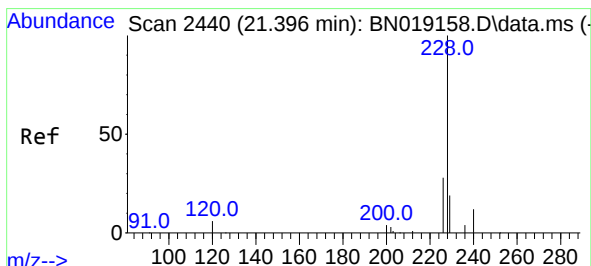
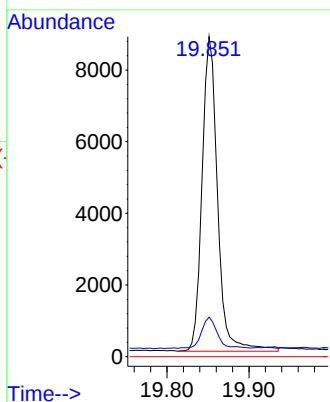
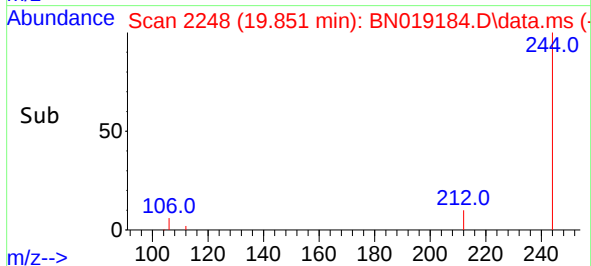


Tgt Ion:244 Resp: 11512
Ion Ratio Lower Upper
244 100
212 12.3 8.2 12.4
122 0.0 0.0 0.0

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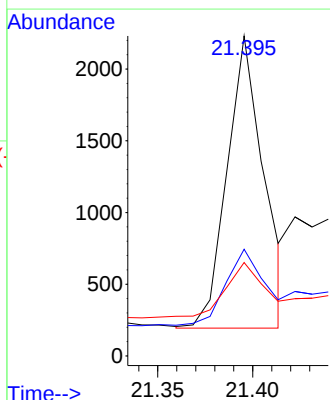
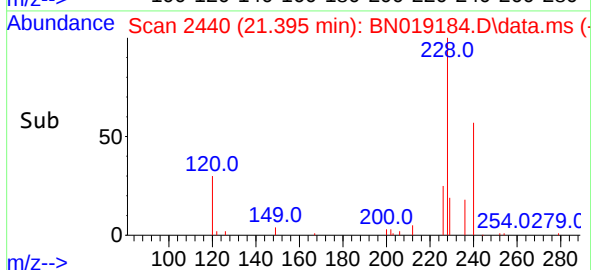
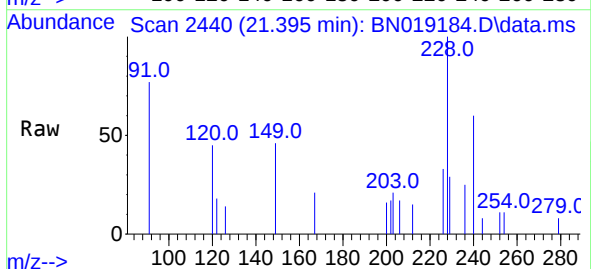
APPROVED

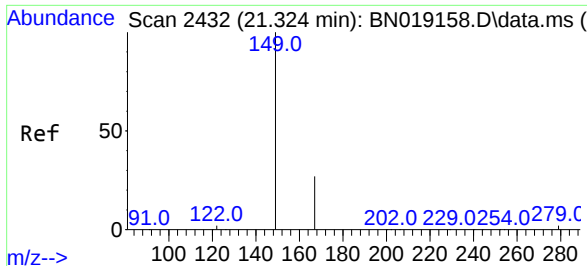
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#32
Benzo(a)anthracene
Concen: 0.07 ng m
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

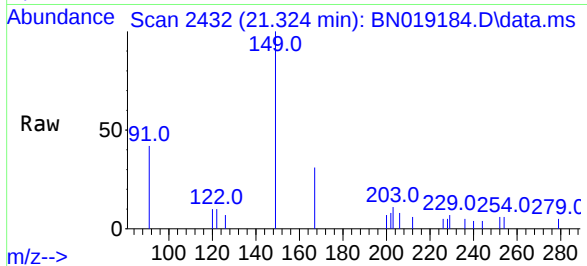
Tgt Ion:228 Resp: 2750
Ion Ratio Lower Upper
228 100
226 33.3 21.9 32.9#
229 29.2 16.0 24.0#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

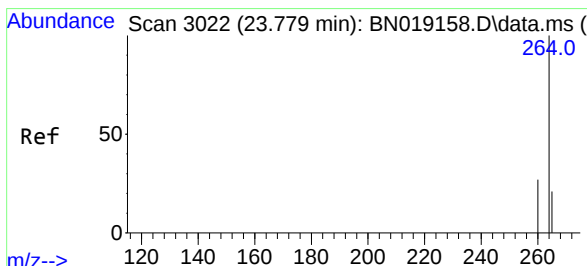
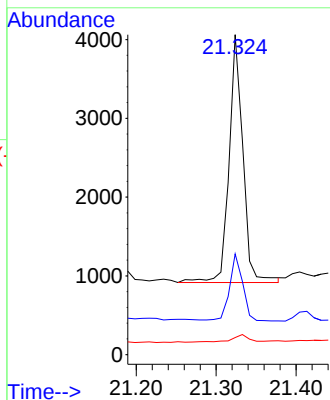
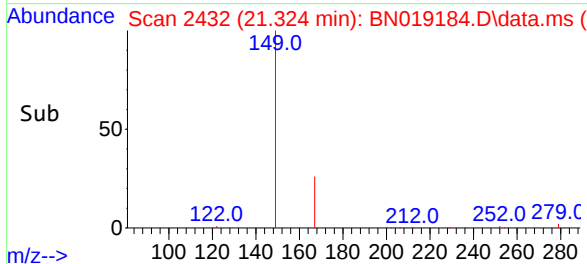
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:149 Resp: 3810
Ion Ratio Lower Upper
149 100
167 25.4 21.8 32.8
279 4.2 2.0 3.0

Manual Integrations
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Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.776 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:264 Resp: 10416
Ion Ratio Lower Upper
264 100
260 28.5 22.4 33.6
265 45.9 25.3 37.9

