

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019179.D
 Acq On : 26 Mar 2022 06:45
 Operator : CG/JU
 Sample : N2090-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP032322

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 07:59:52 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	4392	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	12814	0.40	ng	# 0.00
13) Acenaphthene-d10	14.484	164	9615	0.40	ng	# 0.00
19) Phenanthrene-d10	17.225	188	16619	0.40	ng	0.00
29) Chrysene-d12	21.413	240	13370	0.40	ng	# 0.00
35) Perylene-d12	23.779	264	11408	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1747	0.17	ng	0.00
5) Phenol-d6	7.009	99	777	0.07	ng	0.00
8) Nitrobenzene-d5	8.993	82	2807	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7411	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1839	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	11134	0.28	ng	0.00
27) Fluoranthene-d10	19.257	212	21369	0.44	ng	0.00
31) Terphenyl-d14	19.851	244	12132	0.41	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.701	128	5941	0.16	ng	# 1
12) 2-Methylnaphthalene	12.310	142	675	0.03	ng	# 41
16) Acenaphthylene	14.207	152	4391	0.10	ng	# 1
17) Acenaphthene	14.538	154	40787	1.31	ng	99
18) Fluorene	15.532	166	14703	0.37	ng	# 96
26) Anthracene	17.349	178	26175	0.59	ng	# 93
28) Fluoranthene	19.286	202	80654	1.34	ng	99
30) Pyrene	19.649	202	50421	0.80	ng	# 94
32) Benzo(a)anthracene	21.395	228	2910m	0.07	ng	
34) Bis(2-ethylhexyl)phtha...	21.324	149	3812	0.15	ng	# 98

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

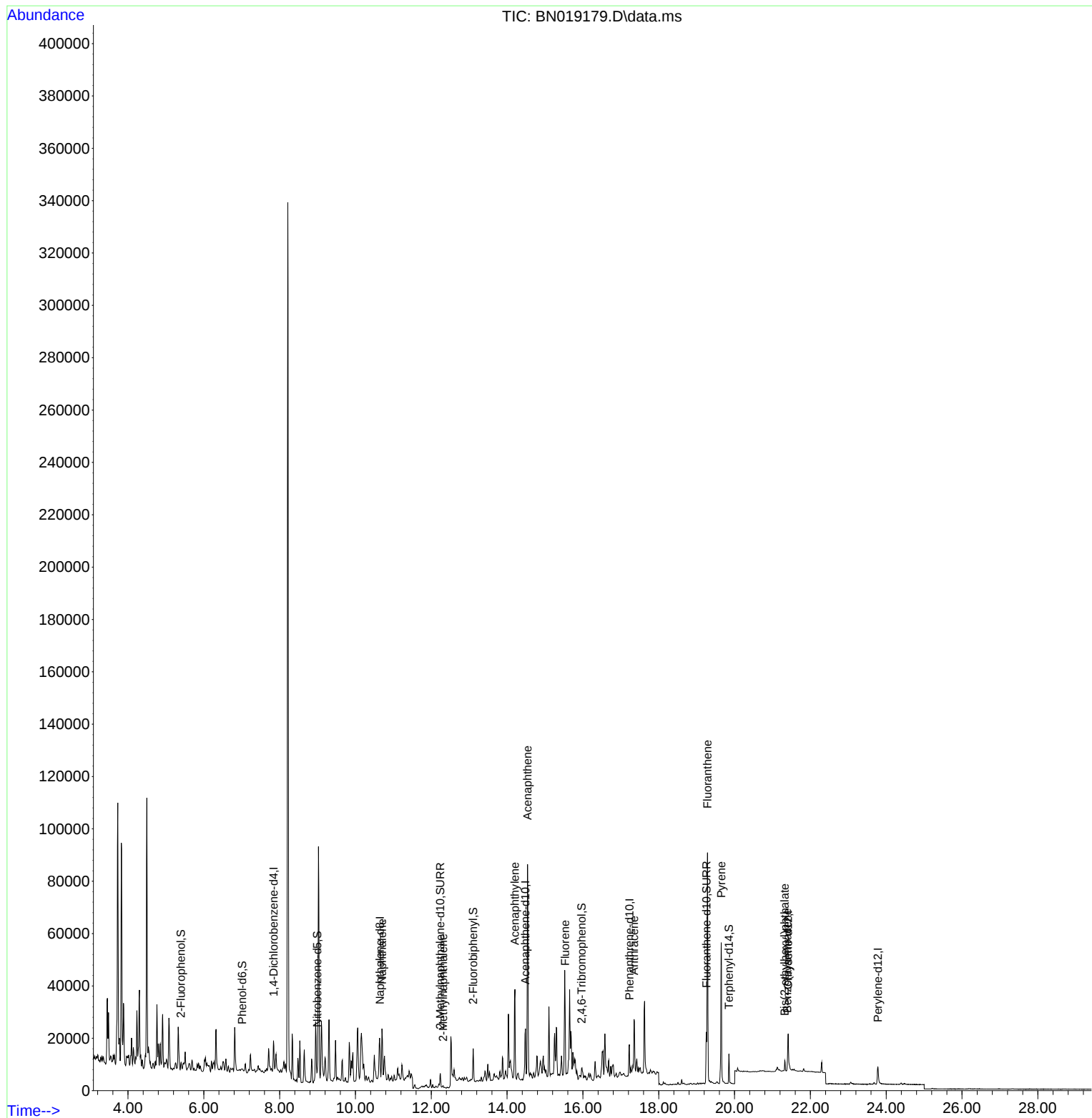
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
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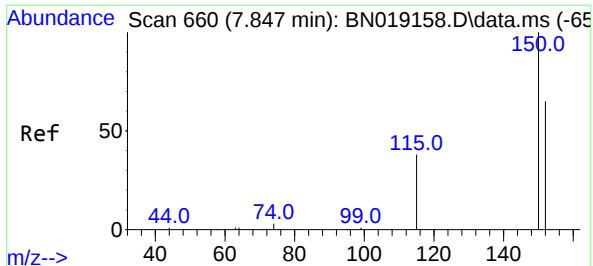
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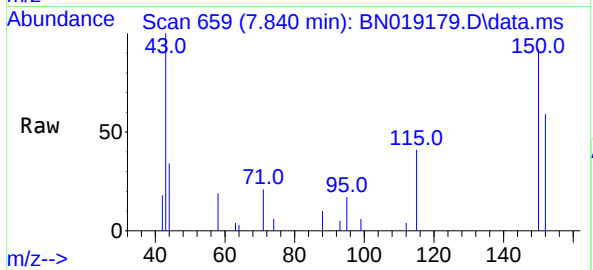
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.840 min Scan# 660
Delta R.T. -0.007 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

DUP032322

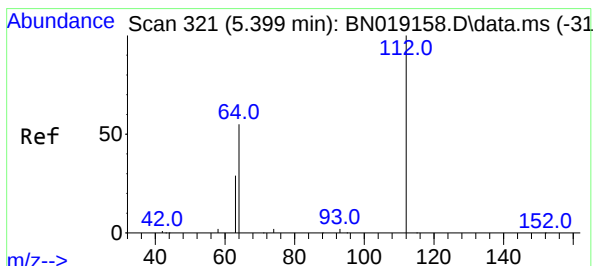
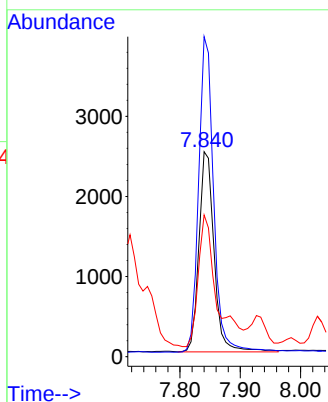
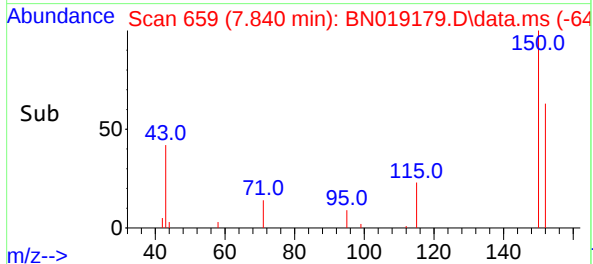


Tgt Ion:152 Resp: 4392
Ion Ratio Lower Upper
152 100
150 156.2 123.9 185.9
115 69.2 48.2 72.4

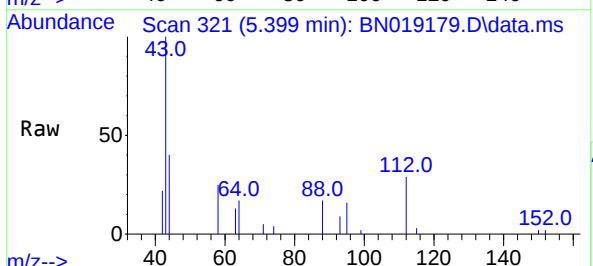
Manual Integrations

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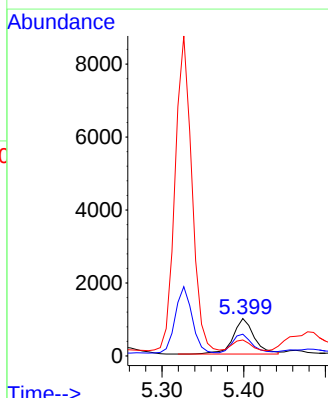
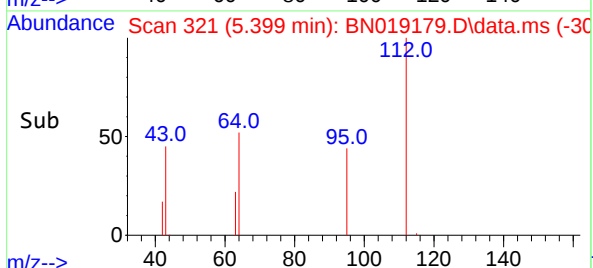
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

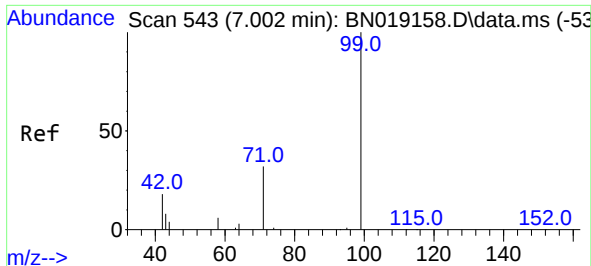


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



Tgt Ion:112 Resp: 1747
Ion Ratio Lower Upper
112 100
64 47.4 47.8 71.8#
63 26.0 25.7 38.5





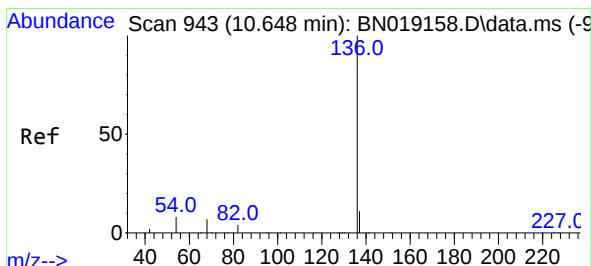
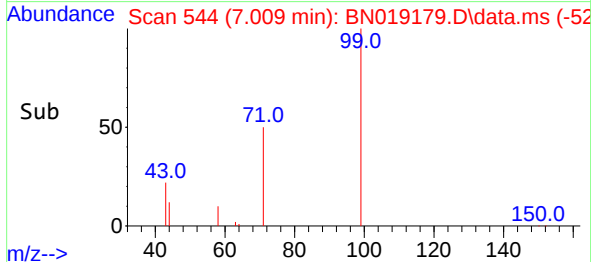
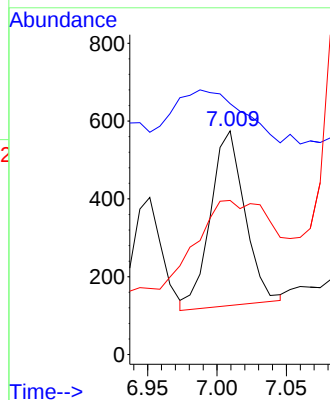
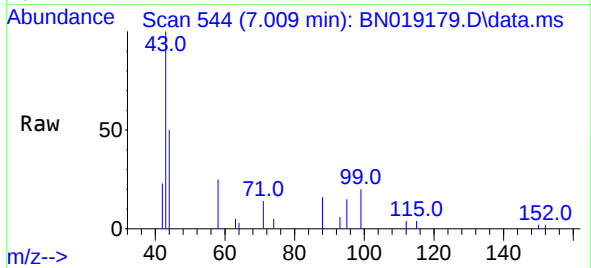
#5
Phenol-d6
Concen: 0.07 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

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Tgt Ion: 99 Resp: 77
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4
71 118.7 27.7 41.5

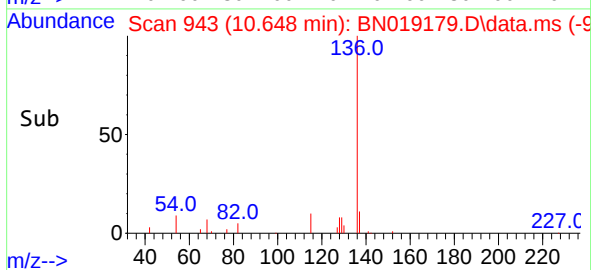
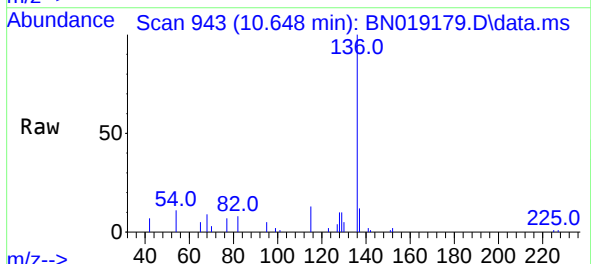
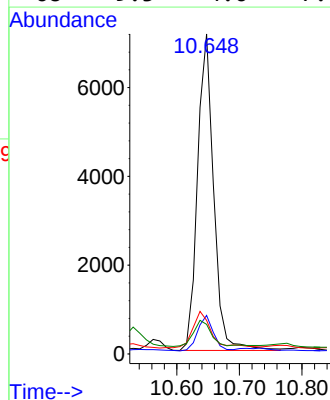
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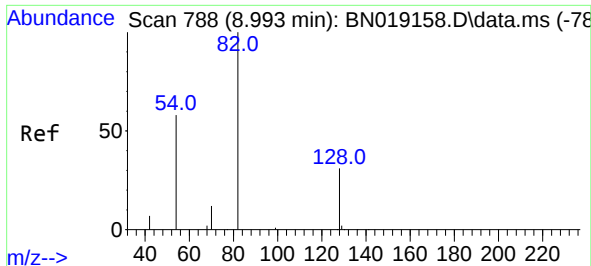
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

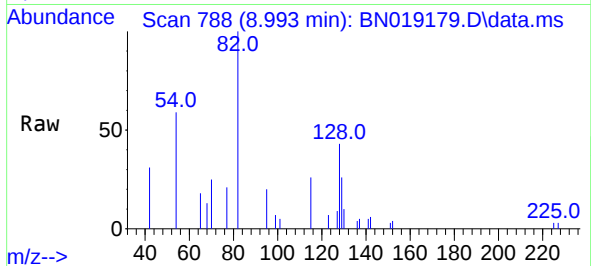
Tgt Ion:136 Resp: 12814
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.4
54 10.5 5.8 8.6#
68 9.3 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

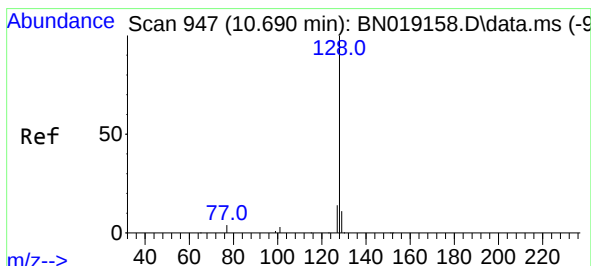
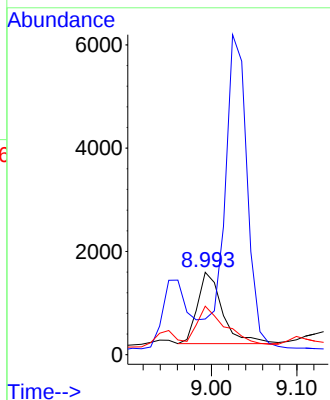
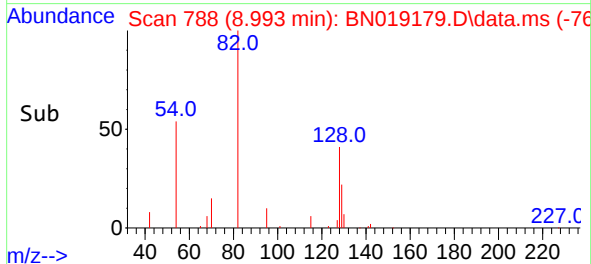
Instrument :
BNA_N
ClientSampleId :
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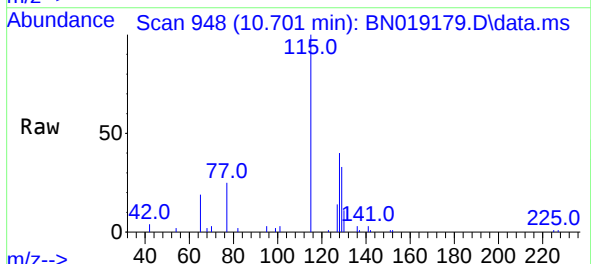
Tgt Ion: 82 Resp: 2807
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.6
54 58.9 42.5 63.7

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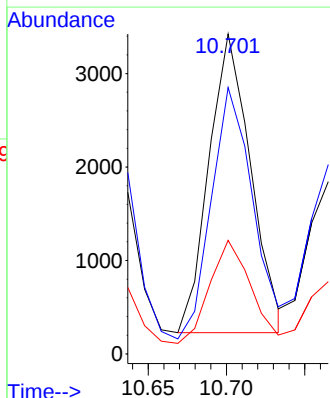
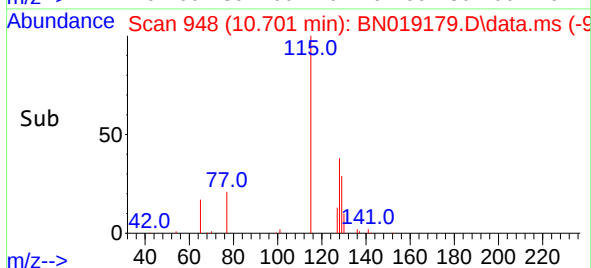
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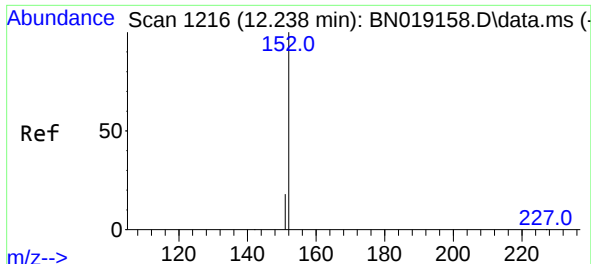


#9
Naphthalene
Concen: 0.16 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



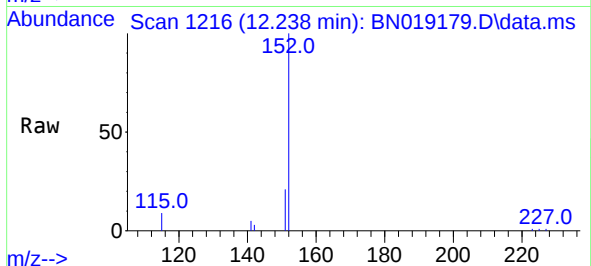
Tgt Ion:128 Resp: 5941
Ion Ratio Lower Upper
128 100
129 83.2 9.0 13.4#
127 35.5 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

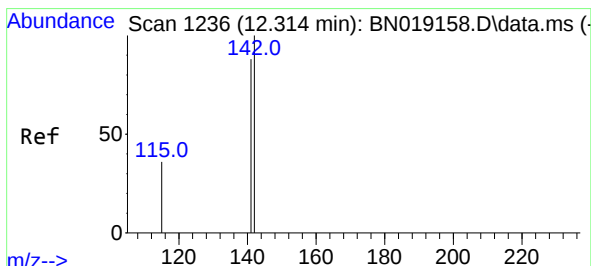
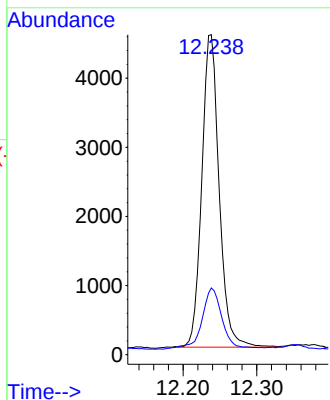
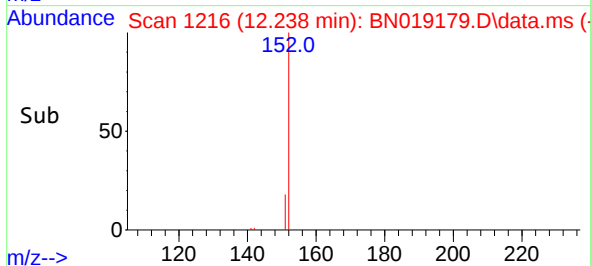
Instrument :
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ClientSampleId :
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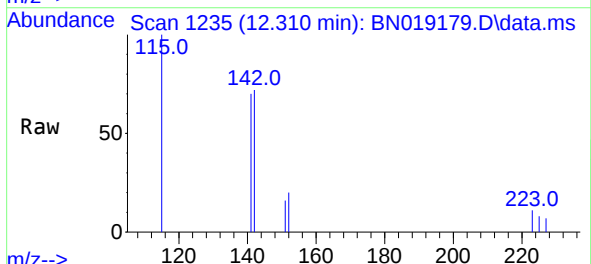
Tgt Ion:152 Resp: 741
Ion Ratio Lower Upper
152 100
151 23.0 16.5 24.7

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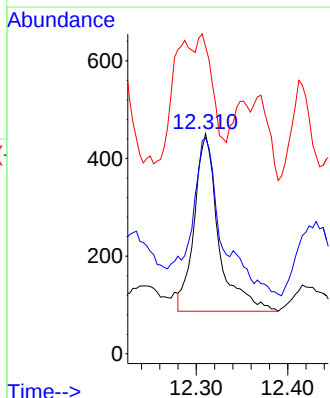
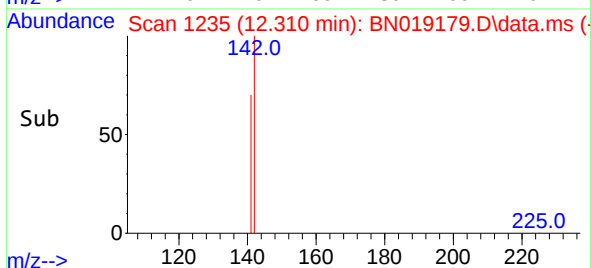
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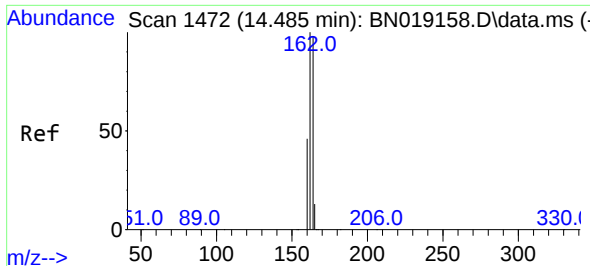


#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



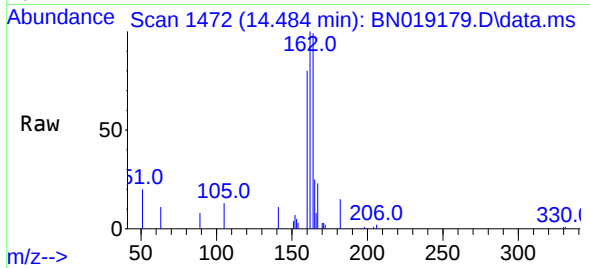
Tgt Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
141 98.0 70.0 105.0
115 139.5 29.8 44.8#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

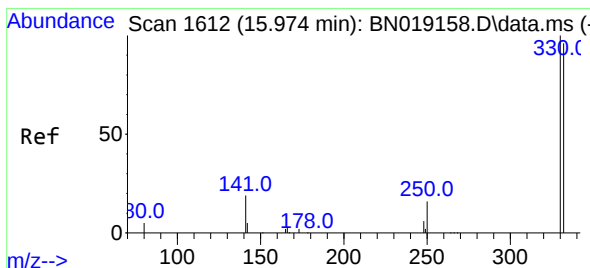
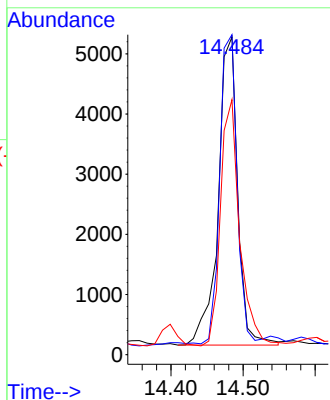
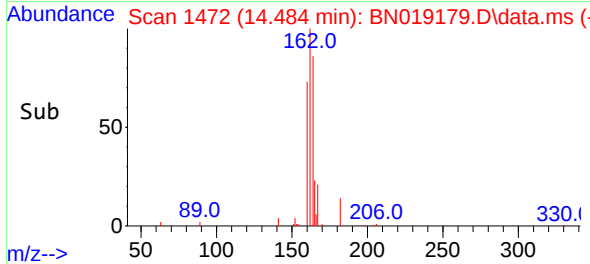
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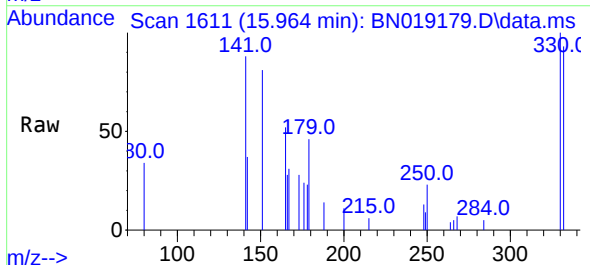
Tgt Ion:164 Resp: 961
Ion Ratio Lower Upper
164 100
162 100.8 85.2 127.8
160 80.3 41.5 62.3

Manual Integrations
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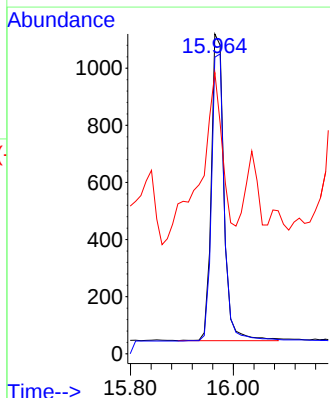
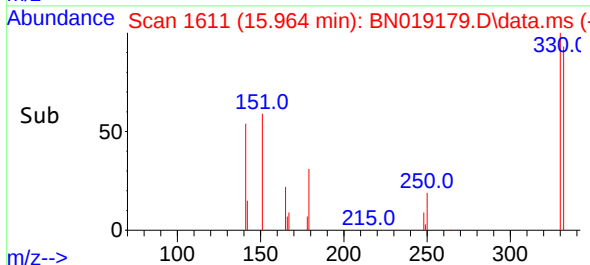
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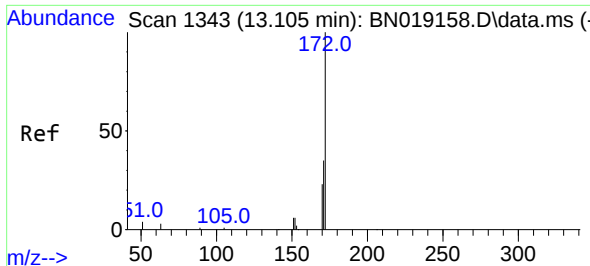


#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.010 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



Tgt Ion:330 Resp: 1839
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 68.9 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.105 min Scan# 11134
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

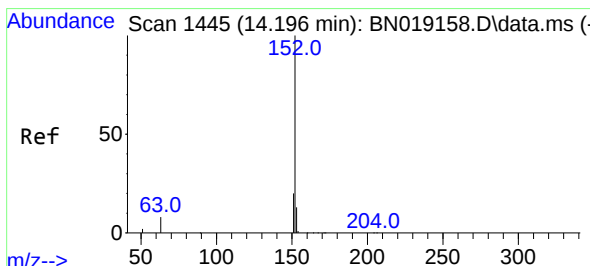
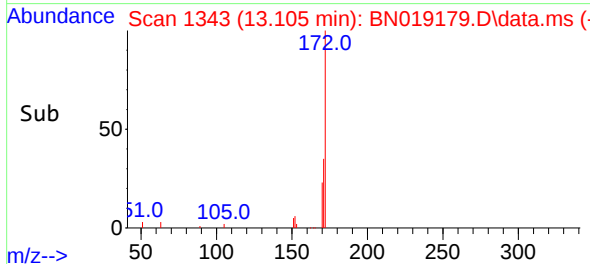
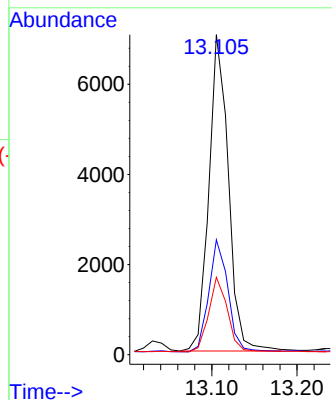
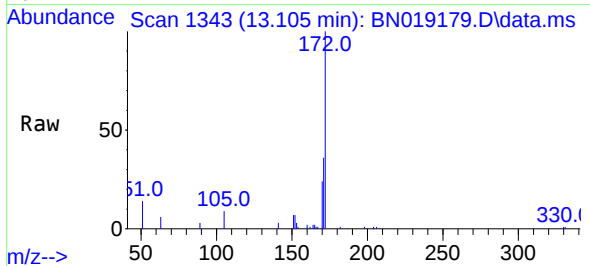
DUP032322

Tgt Ion:172 Resp: 11134
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 18.7 28.1

Manual Integrations

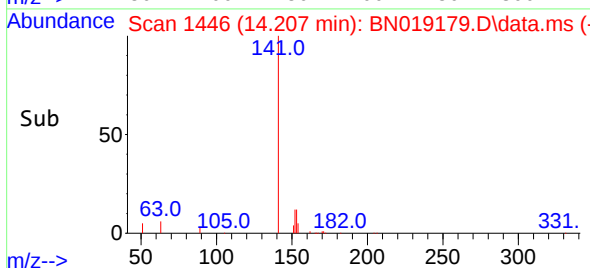
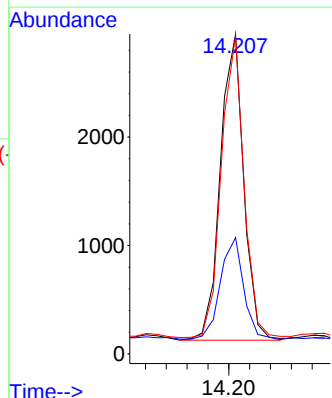
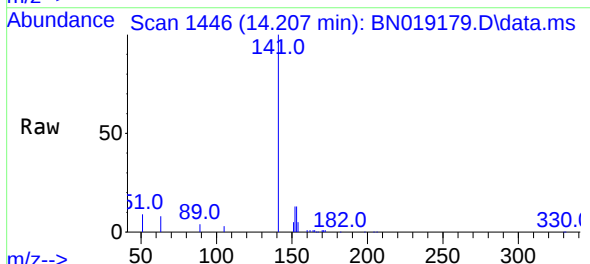
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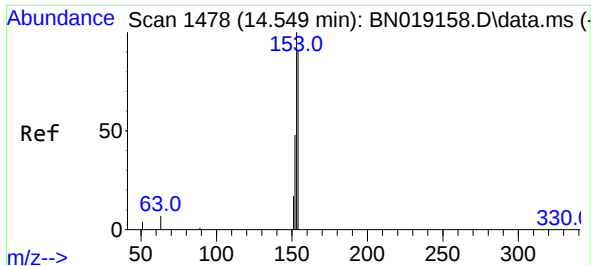
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

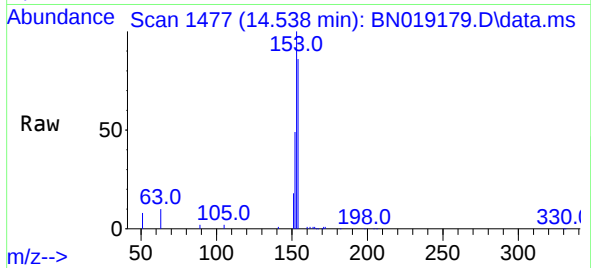
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Ion Ratio Lower Upper
152 100
151 33.4 15.9 23.9#
153 94.6 10.6 15.8#





#17
Acenaphthene
Concen: 1.31 ng
RT: 14.538 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

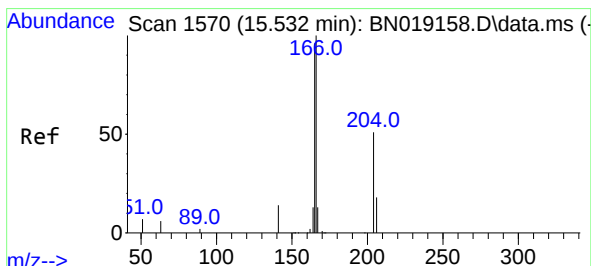
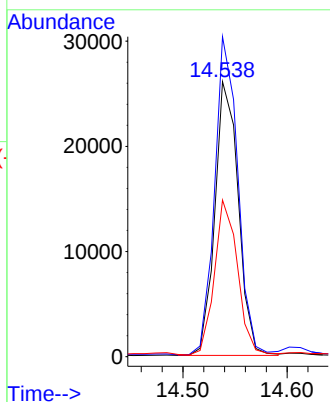
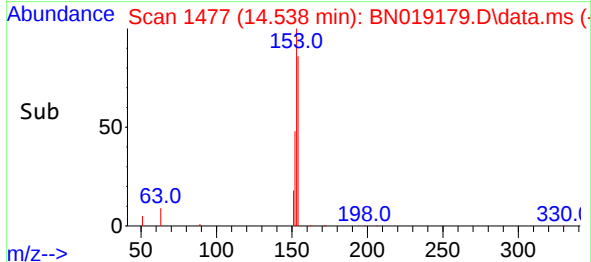
Instrument :
BNA_N
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DUP032322



Tgt Ion:154 Resp: 4078
Ion Ratio Lower Upper
154 100
153 114.0 89.7 134.5
152 55.7 44.7 67.1

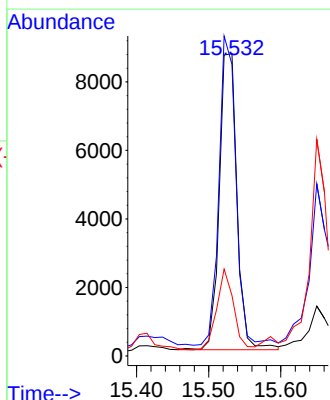
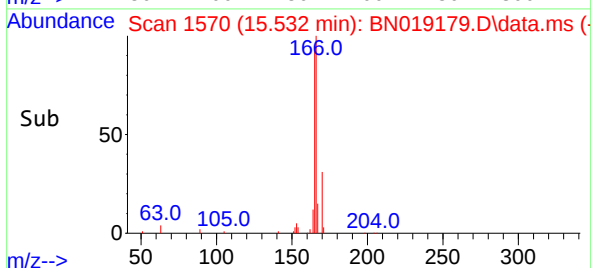
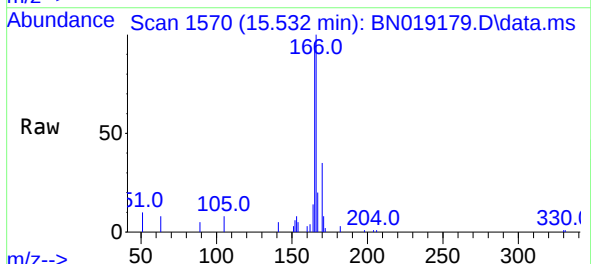
Manual Integrations
APPROVED

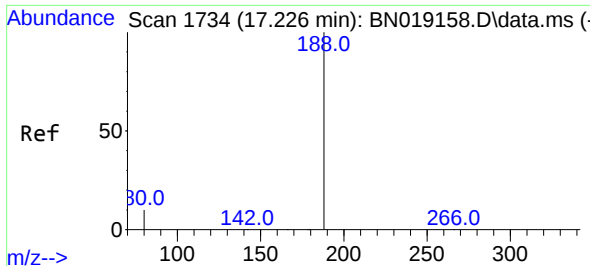
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#18
Fluorene
Concen: 0.37 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Tgt Ion:166 Resp: 14703
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 26.1 10.7 16.1#





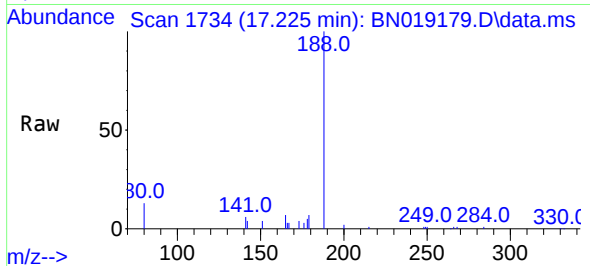
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

DUP032322

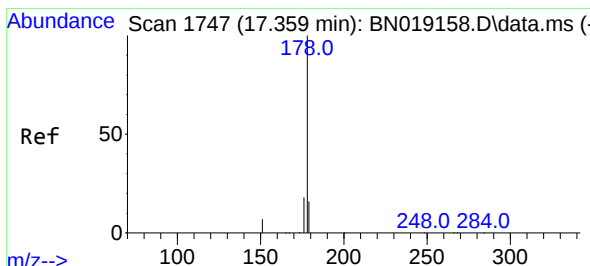
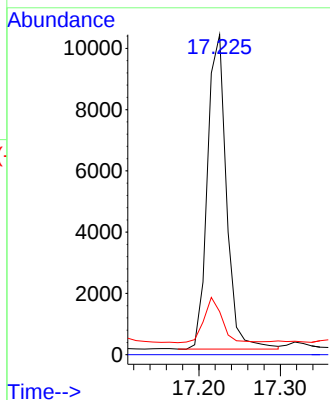
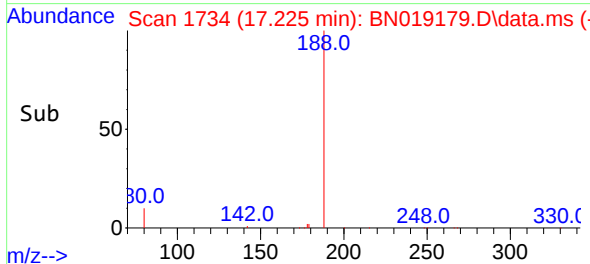


Tgt Ion:188 Resp: 16619
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.8 17.8

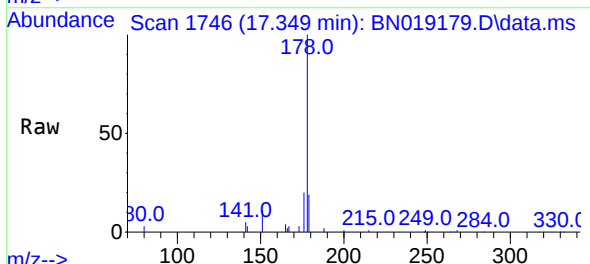
Manual Integrations

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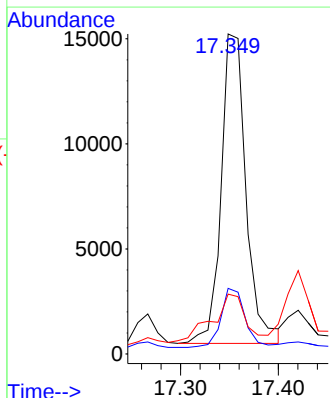
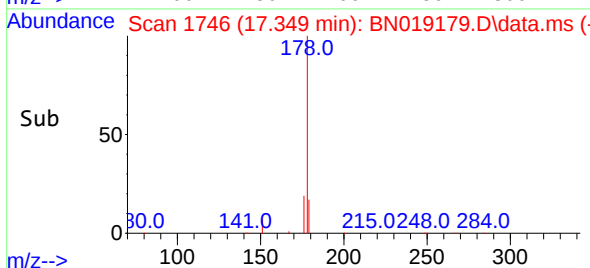
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

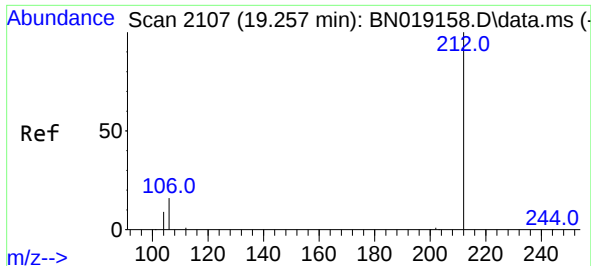


#26
Anthracene
Concen: 0.59 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.010 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



Tgt Ion:178 Resp: 26175
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 21.4 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

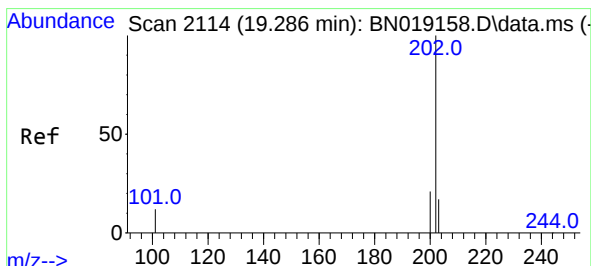
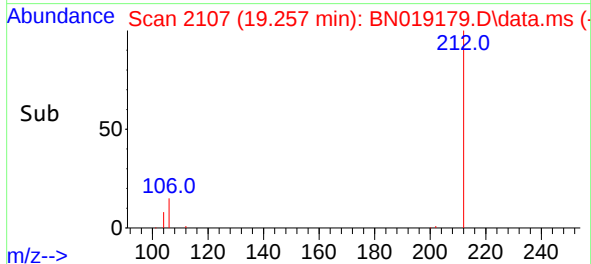
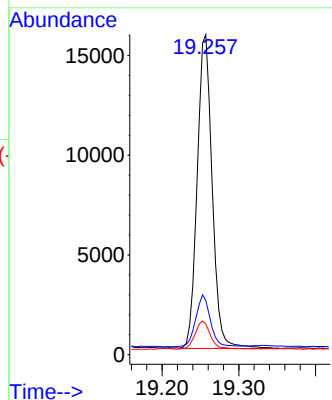
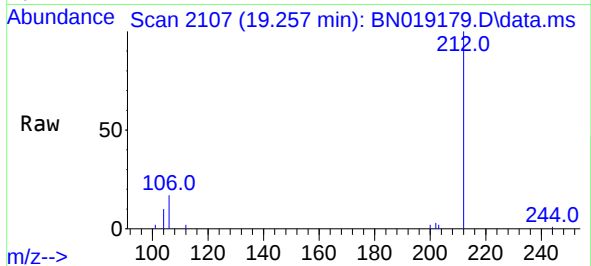
DUP032322

Tgt Ion:212 Resp: 21369
Ion Ratio Lower Upper
212 100
106 16.1 12.7 19.1
104 9.2 7.1 10.7

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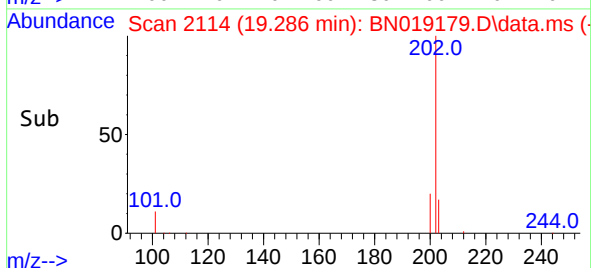
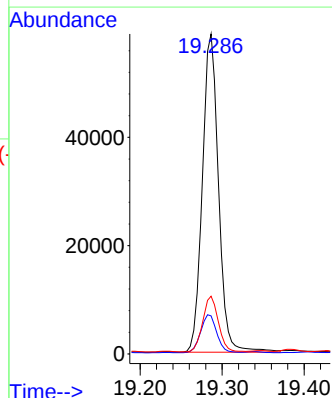
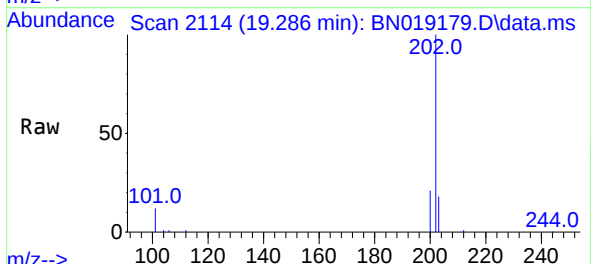
APPROVED

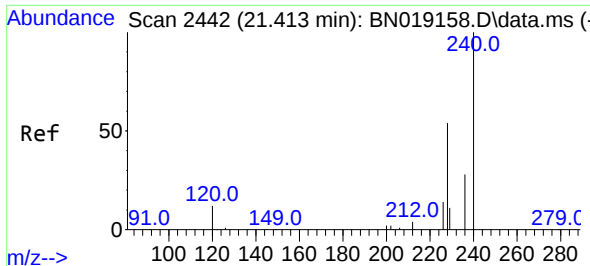
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#28
Fluoranthene
Concen: 1.34 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

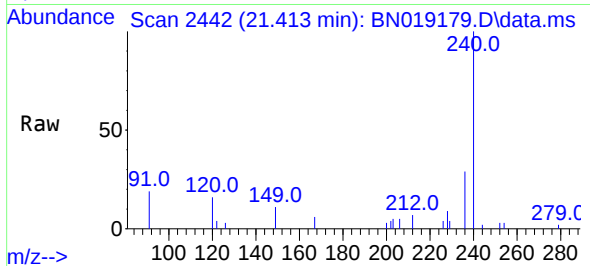
Tgt Ion:202 Resp: 80654
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
203 16.9 13.7 20.5





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

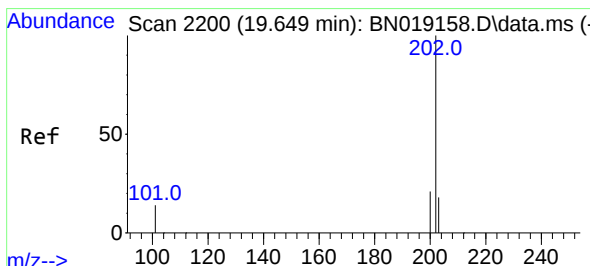
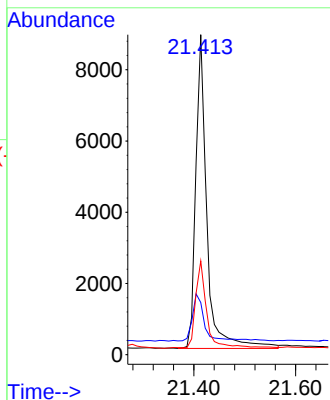
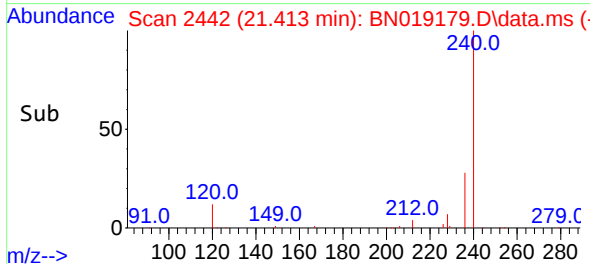
Instrument :
BNA_N
ClientSampleId :
DUP032322



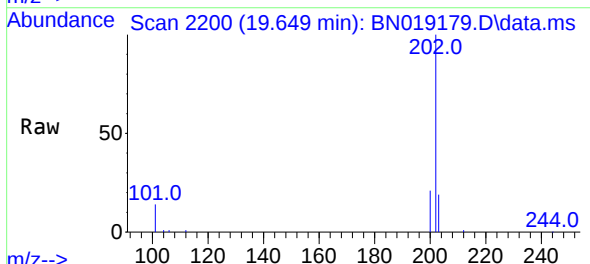
Tgt Ion:240 Resp: 13370
Ion Ratio Lower Upper
240 100
120 16.3 8.5 12.7
236 29.3 22.4 33.6

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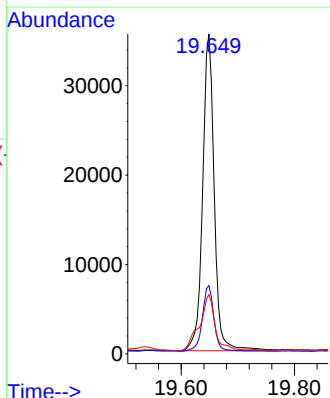
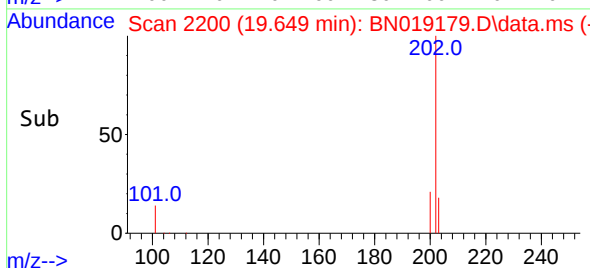
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

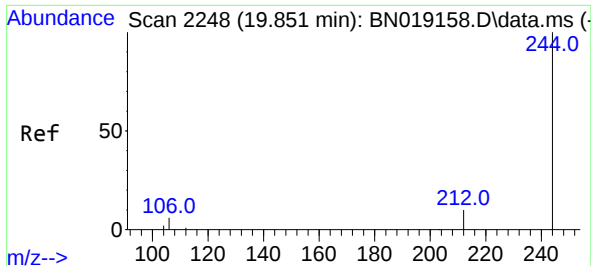


#30
Pyrene
Concen: 0.80 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



Tgt Ion:202 Resp: 50421
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 23.3 14.2 21.2





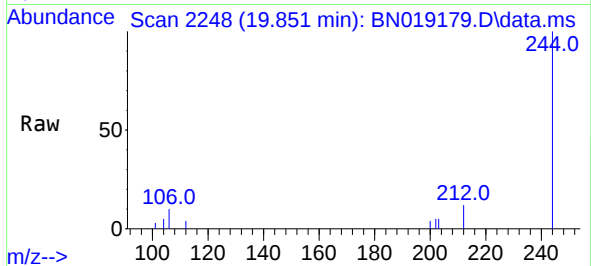
#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.851 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45

Instrument :

BNA_N

ClientSampleId :

DUP032322

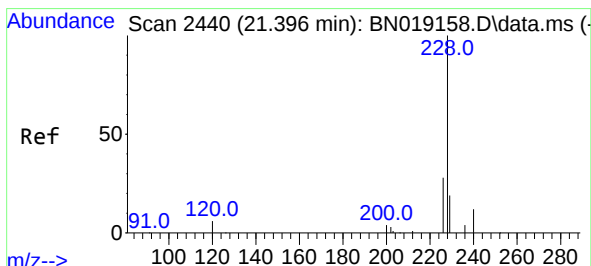
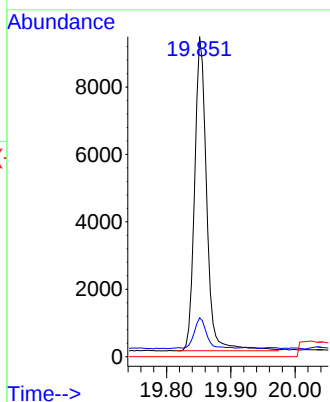
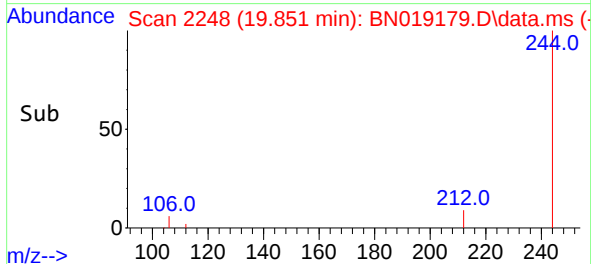


Tgt Ion:244 Resp: 1213
Ion Ratio Lower Upper
244 100
212 12.2 8.2 12.4
122 0.0 0.0 0.0

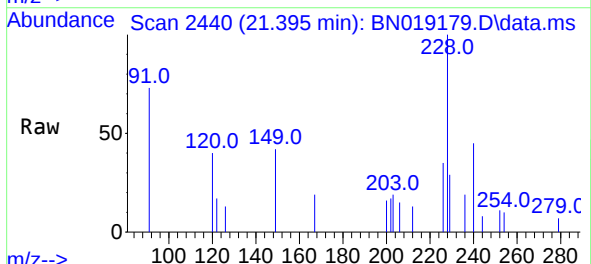
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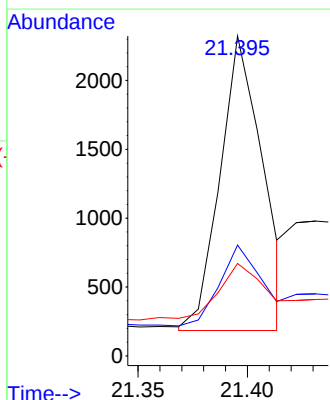
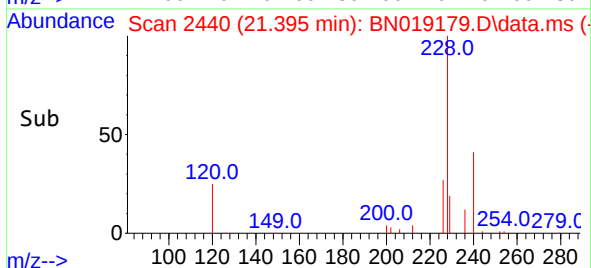
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

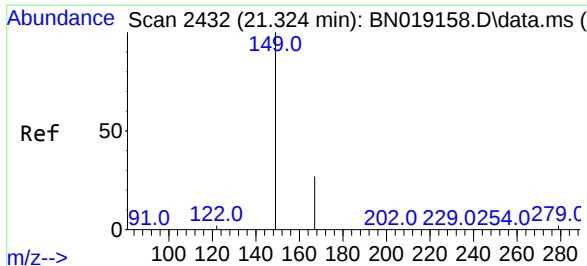


#32
Benzo(a)anthracene
Concen: 0.07 ng m
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019179.D
Acq: 26 Mar 2022 06:45



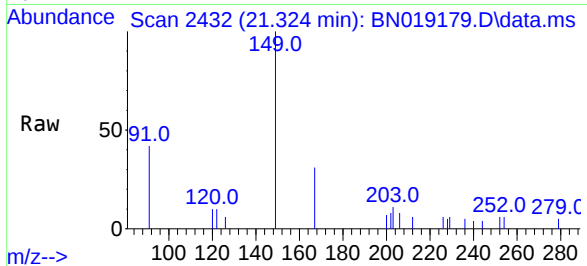
Tgt Ion:228 Resp: 2910
Ion Ratio Lower Upper
228 100
226 34.7 21.9 32.9#
229 28.9 16.0 24.0#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN019179.D
 Acq: 26 Mar 2022 06:45

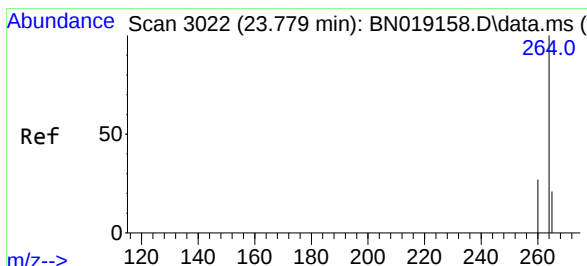
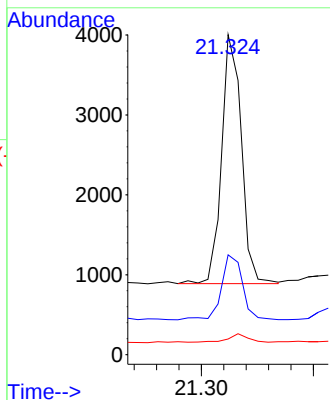
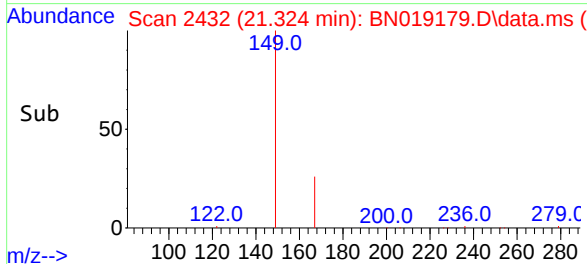
Instrument :
 BNA_N
 ClientSampleId :
 DUP032322



Tgt Ion:149 Resp: 3812
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.8
 279 4.4 2.0 3.0

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 Supervised By :Jagrut Upadhyay 03/29/2022



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.779 min Scan# 3022
 Delta R.T. -0.000 min
 Lab File: BN019179.D
 Acq: 26 Mar 2022 06:45

Tgt Ion:264 Resp: 11408
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 42.1 25.3 37.9

