

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
 Data File : BN019398.D
 Acq On : 08 Apr 2022 21:00
 Operator : CG/JU
 Sample : N2333-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : mohammad ahmed 04/11/2022

Quant Time: Apr 11 04:11:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4494	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13358	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	8871	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	18135	0.400	ng	# 0.00
29) Chrysene-d12	21.387	240	15203	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	12220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1796	0.149	ng	0.00
5) Phenol-d6	7.002	99	1060	0.073	ng	0.01
8) Nitrobenzene-d5	8.982	82	2998m	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	6981	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1582	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	9999	0.271	ng	0.00
27) Fluoranthene-d10	19.236	212	20542	0.352	ng	0.00
31) Terphenyl-d14	19.830	244	11870	0.359	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	10755	0.273	ng	# 94
17) Acenaphthene	14.527	154	46000	1.571	ng	99
18) Fluorene	15.511	166	5229m	0.135	ng	
25) Phenanthrene	17.246	178	1437m	0.024	ng	
26) Anthracene	17.338	178	1143	0.021	ng	# 85
28) Fluoranthene	19.265	202	2353	0.033	ng	98
30) Pyrene	19.628	202	1909	0.027	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.306	149	3948	0.094	ng	# 99

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

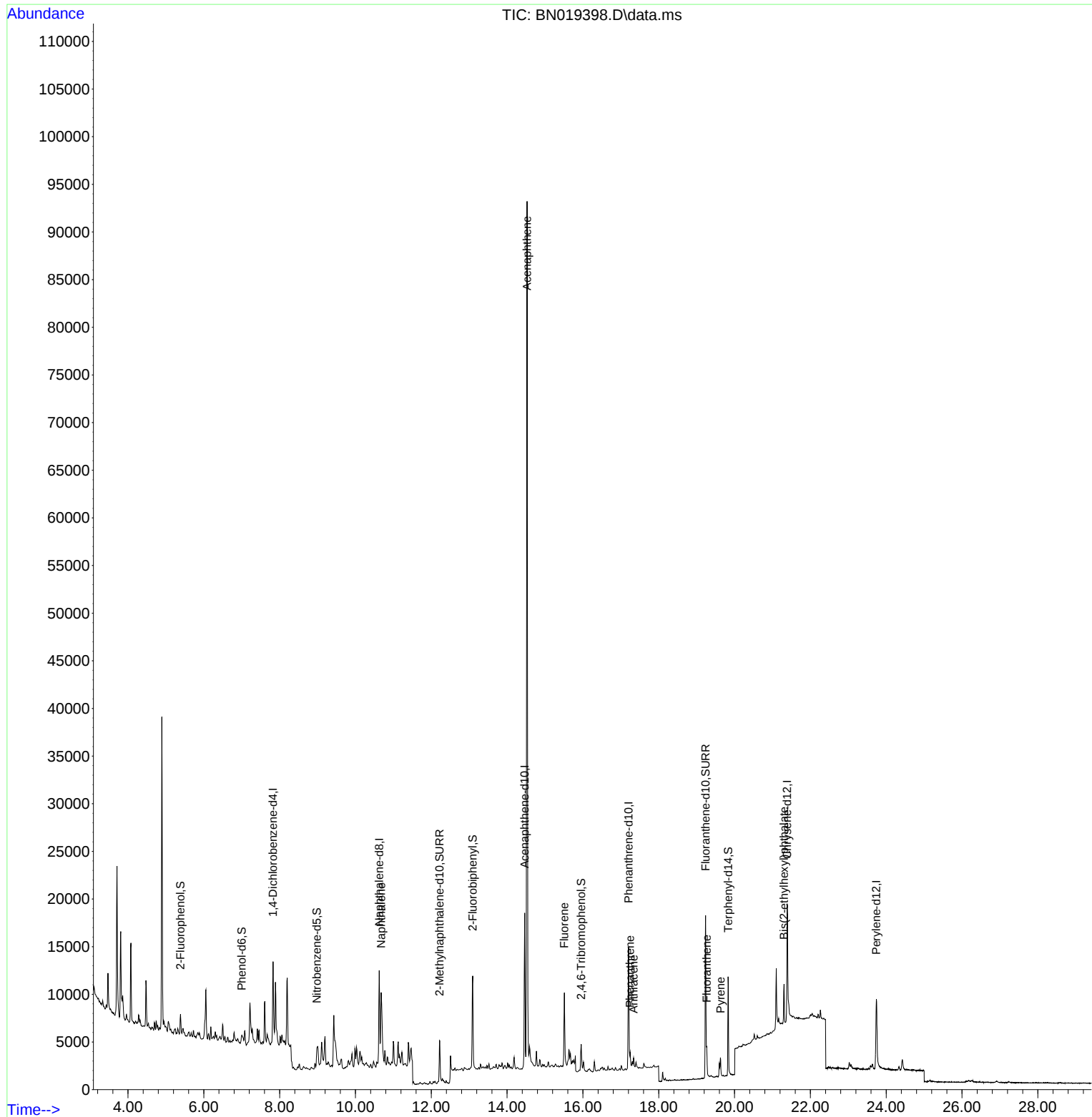
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
Data File : BN019398.D
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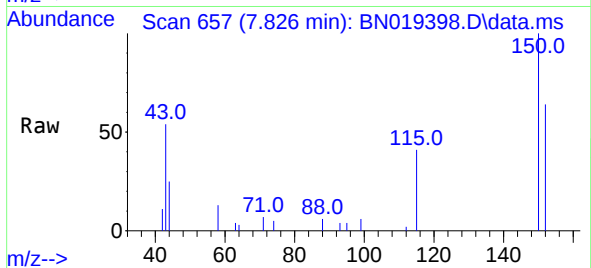
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Instrument :

BNA_N

ClientSampleId :

MW-11R

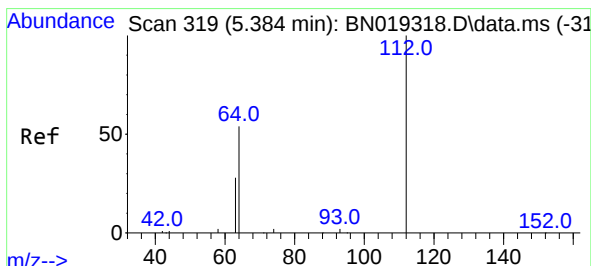
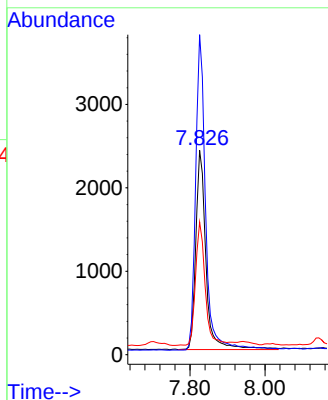
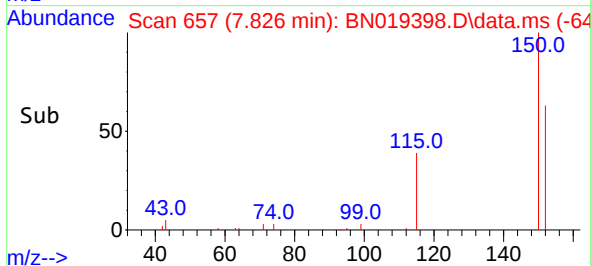


Tgt Ion:152 Resp: 4494
Ion Ratio Lower Upper
152 100
150 156.6 123.9 185.9
115 64.9 48.2 72.4

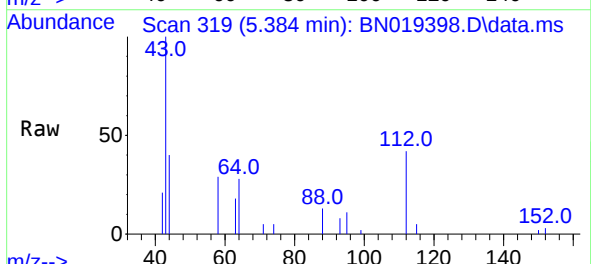
Manual Integrations

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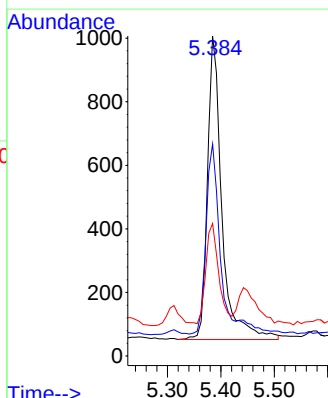
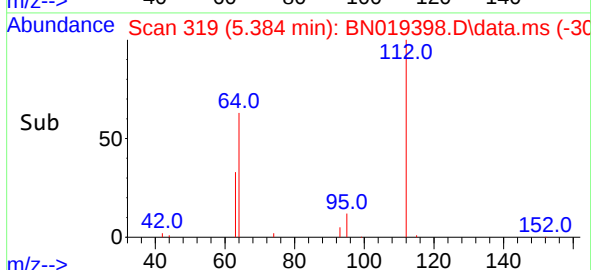
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



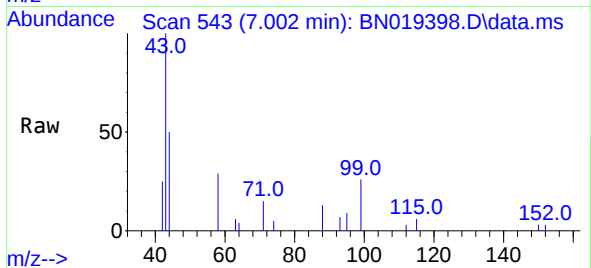
Tgt Ion:112 Resp: 1796
Ion Ratio Lower Upper
112 100
64 63.8 47.8 71.8
63 28.9 25.7 38.5





#5
Phenol-d6
Concen: 0.073 ng
RT: 7.002 min Scan# 541
Delta R.T. 0.015 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

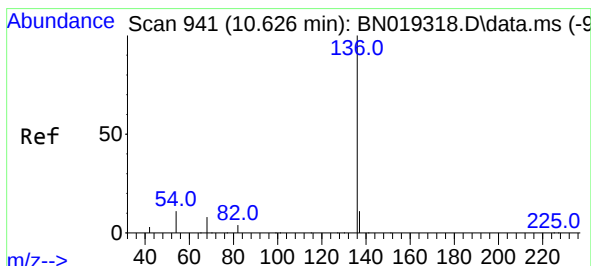
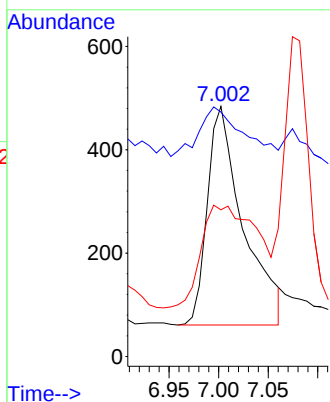
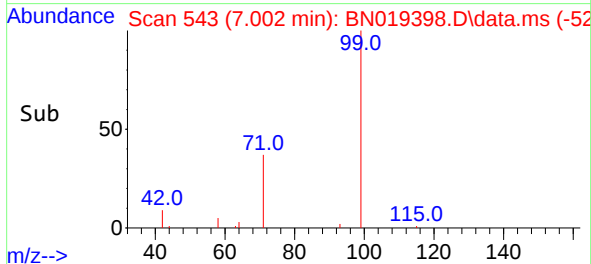
Instrument :
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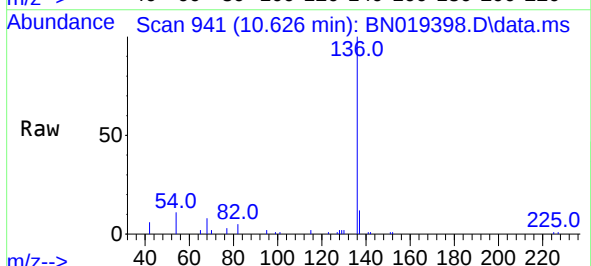
Tgt Ion: 99 Resp: 1060
Ion Ratio Lower Upper
99 100
42 27.0 16.2 24.4
71 74.1 27.7 41.5

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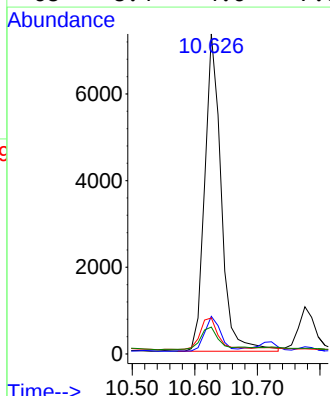
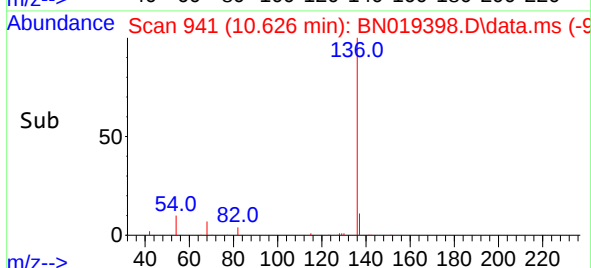
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



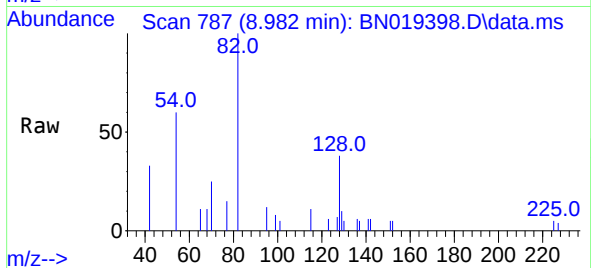
Tgt Ion:136 Resp: 13358
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 11.3 5.8 8.6#
68 8.4 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.247 ng m
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

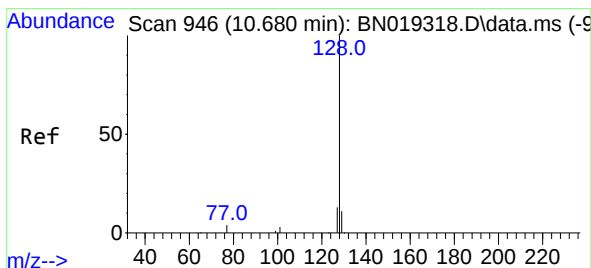
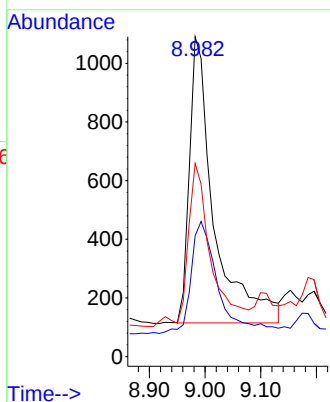
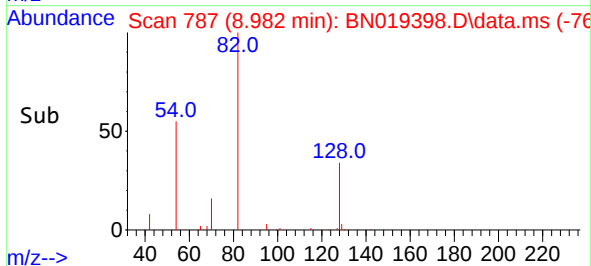
Instrument :
BNA_N
ClientSampleId :
MW-11R



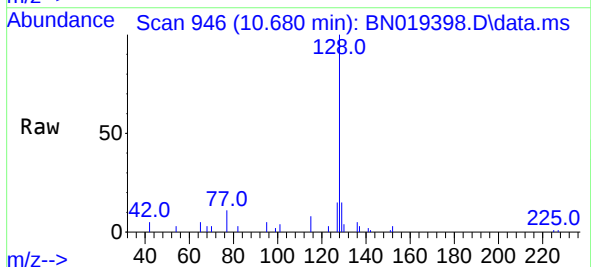
Tgt Ion: 82 Resp: 2998
Ion Ratio Lower Upper
82 100
128 37.8 33.0 49.6
54 60.4 42.5 63.7

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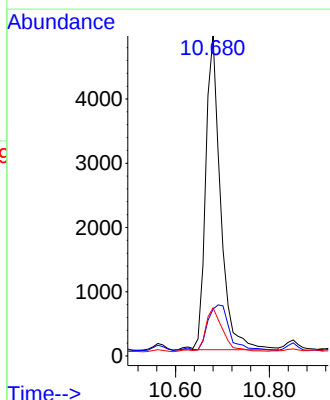
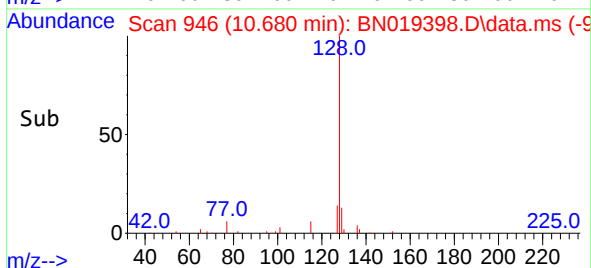
Reviewed By :Christian Giraldo 04/11/2022
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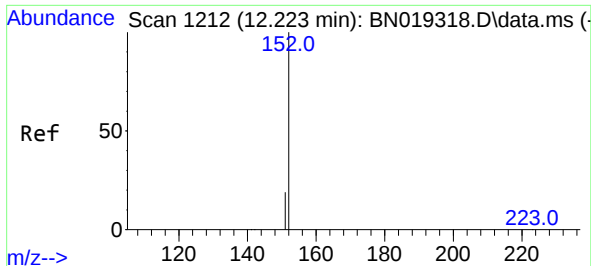


#9
Naphthalene
Concen: 0.273 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



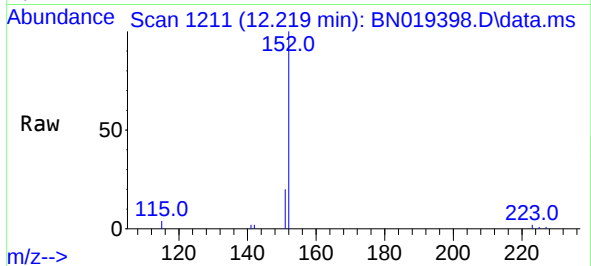
Tgt Ion:128 Resp: 10755
Ion Ratio Lower Upper
128 100
129 14.6 9.0 13.4#
127 15.0 10.7 16.1





#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

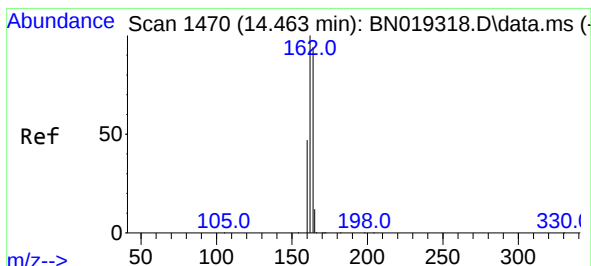
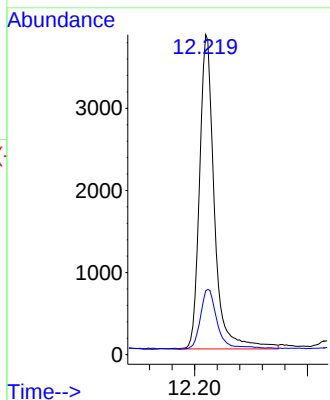
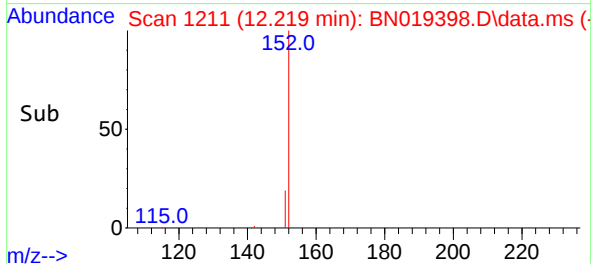
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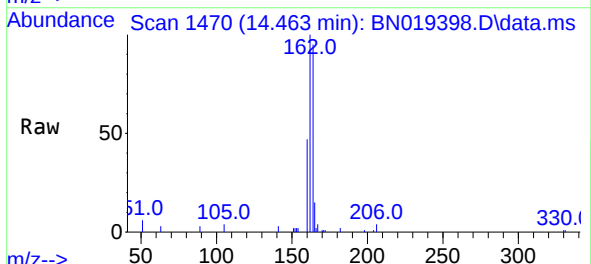
Tgt Ion:152 Resp: 698
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7

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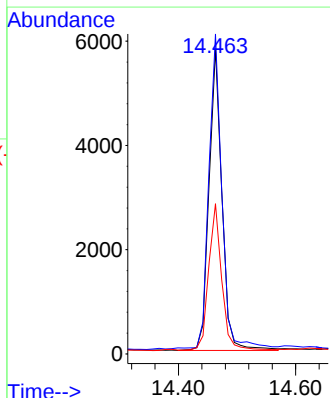
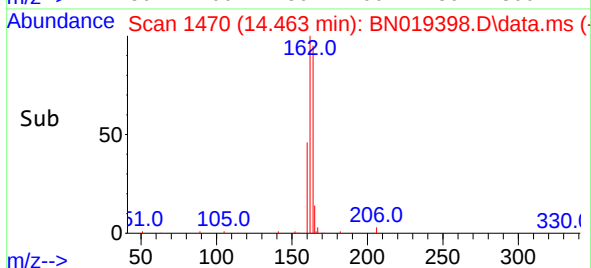
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

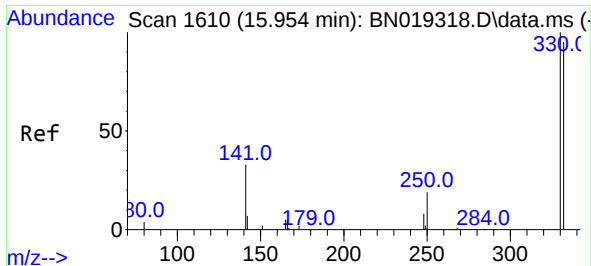


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



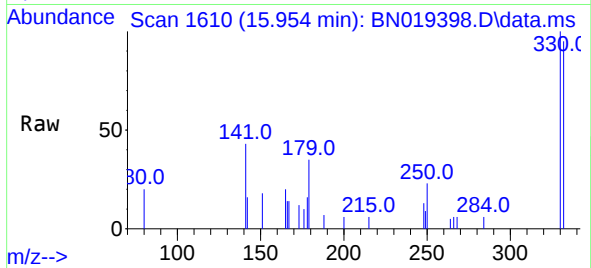
Tgt Ion:164 Resp: 8871
Ion Ratio Lower Upper
164 100
162 104.9 85.2 127.8
160 49.2 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

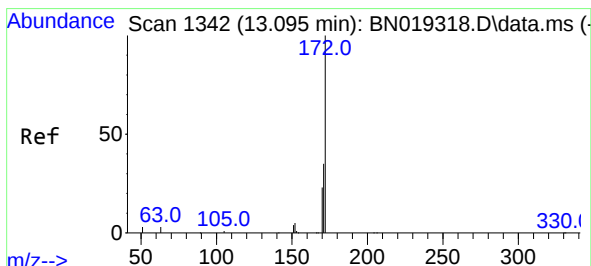
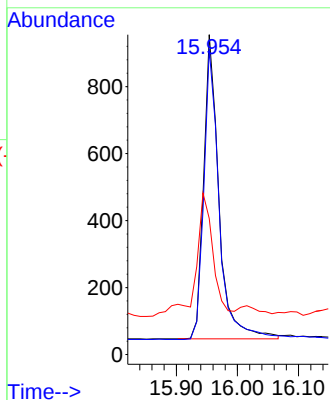
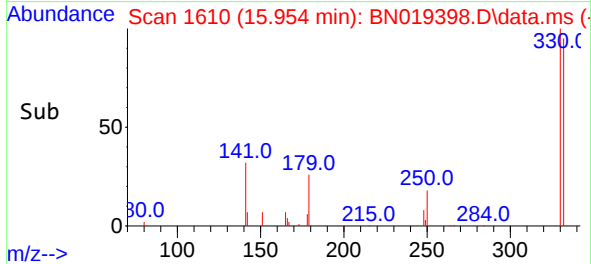
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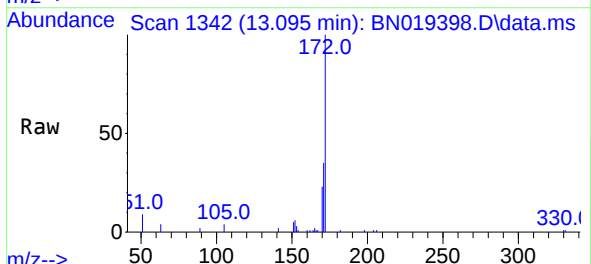
Tgt Ion: 330 Resp: 1582
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 40.1 32.2 48.2

Manual Integrations
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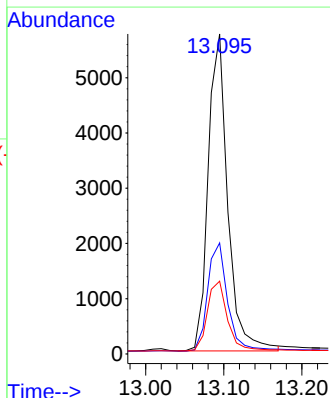
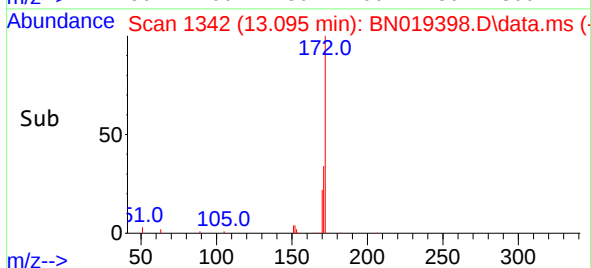
Reviewed By : Christian Giraldo 04/11/2022
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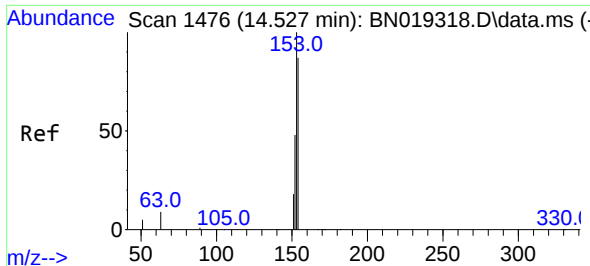


#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.095 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



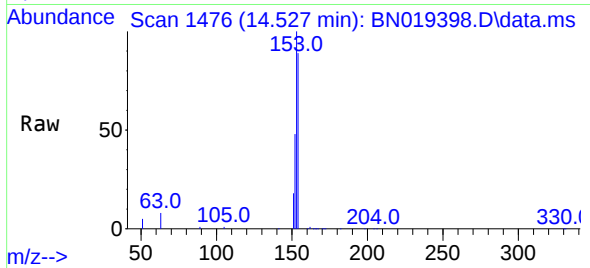
Tgt Ion: 172 Resp: 9999
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.8 18.7 28.1





#17
Acenaphthene
Concen: 1.571 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

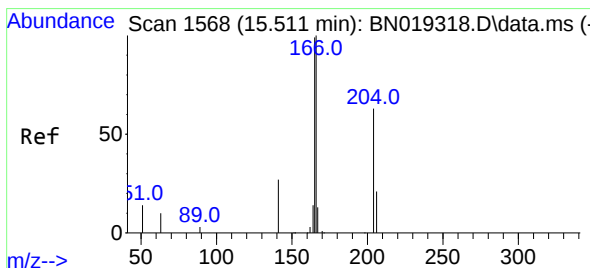
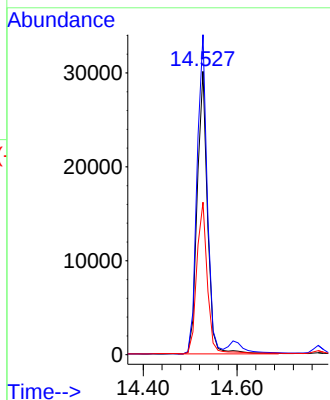
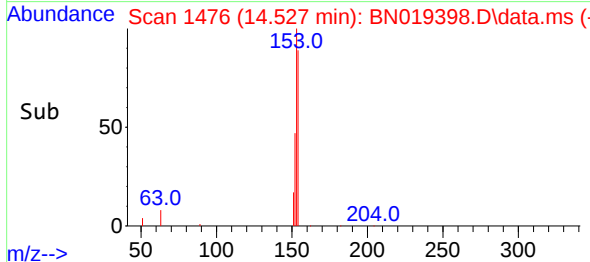
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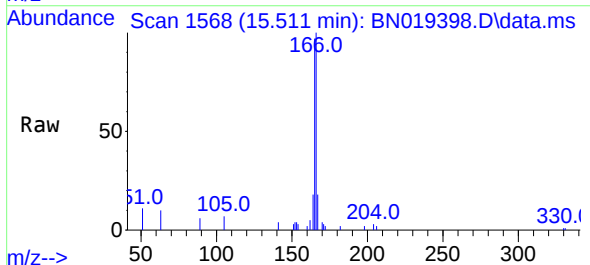
Tgt Ion:154 Resp: 46000
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 55.0 44.7 67.1

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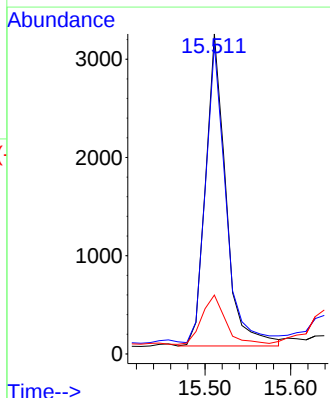
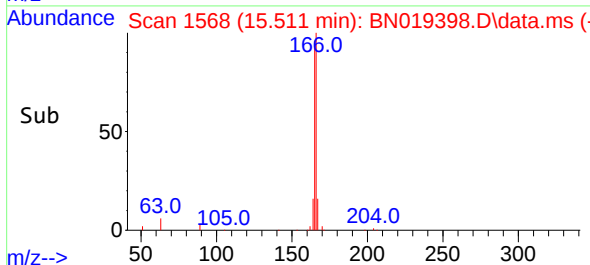
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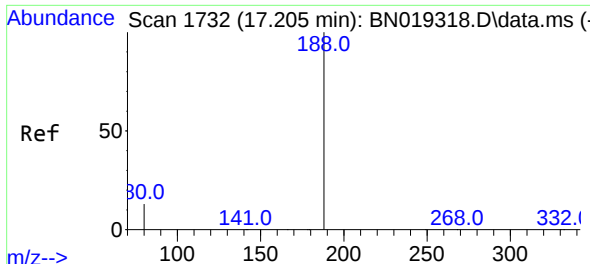


#18
Fluorene
Concen: 0.135 ng m
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



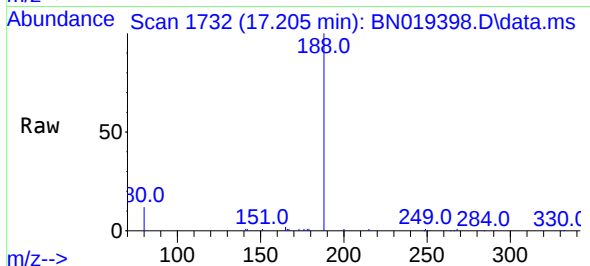
Tgt Ion:166 Resp: 5229
Ion Ratio Lower Upper
166 100
165 95.6 79.2 118.8
167 18.2 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

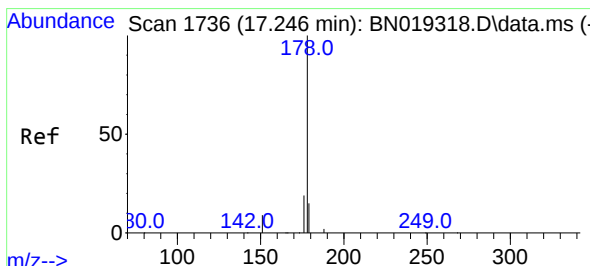
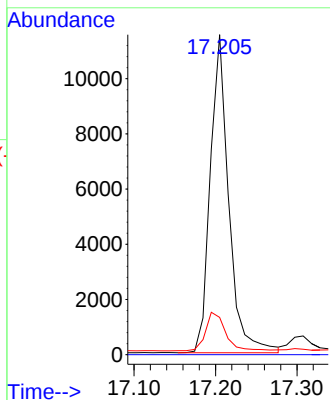
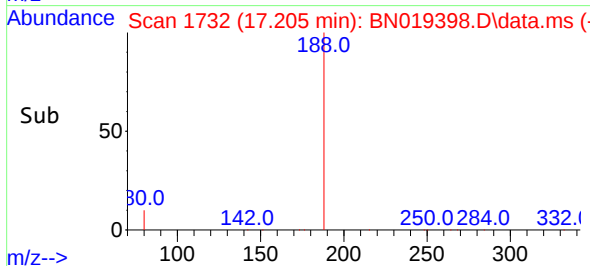
Instrument :
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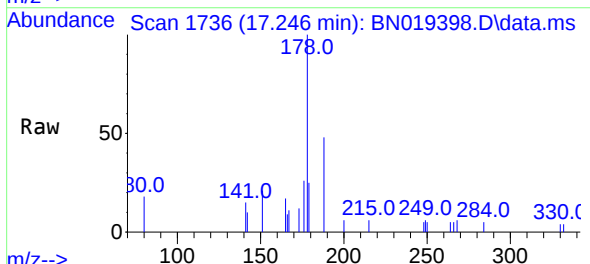
Tgt Ion:188 Resp: 1813
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 11.8 17.8

Manual Integrations
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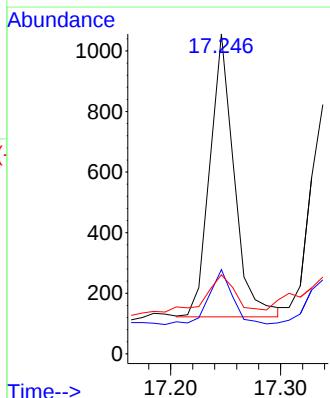
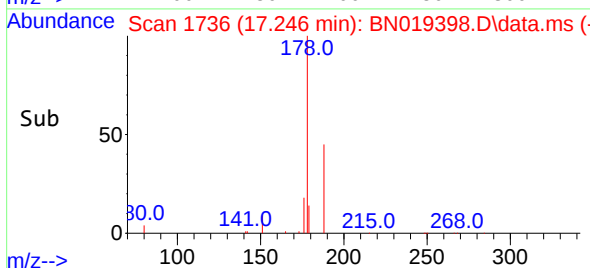
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

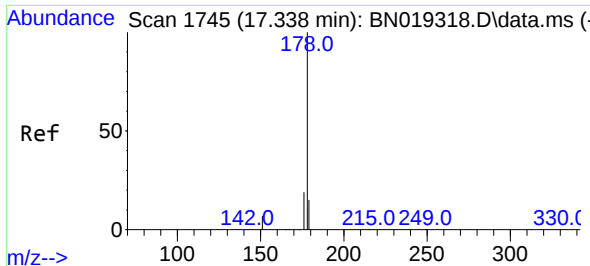


#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



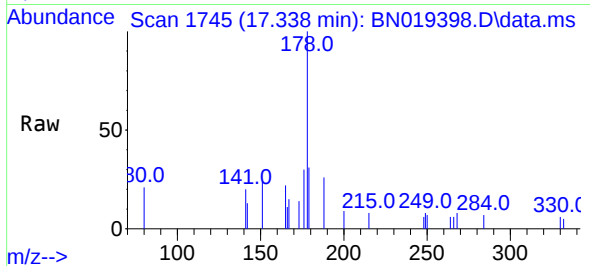
Tgt Ion:178 Resp: 1437
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 23.0 12.2 18.2





#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.338 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00

Instrument :
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 ClientSampleId :
 MW-11R

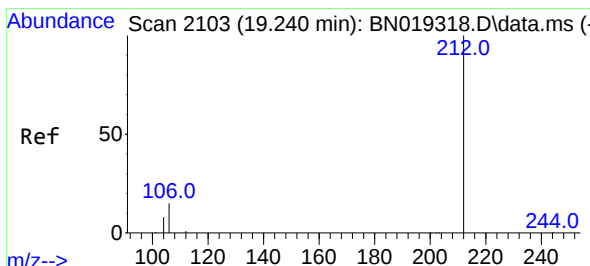
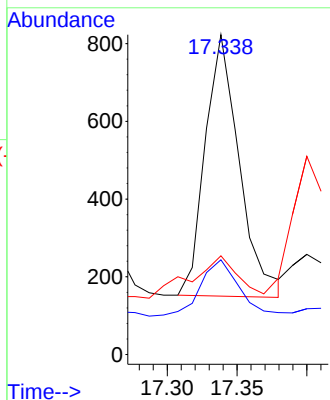
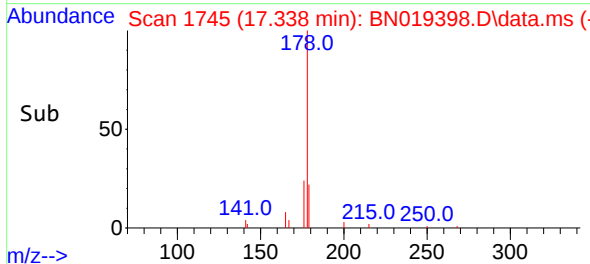


Tgt Ion:178 Resp: 114

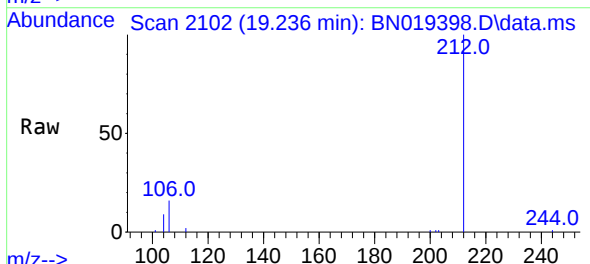
Ion	Ratio	Lower	Upper
178	100		
176	24.8	14.8	22.2
179	22.4	12.2	18.4

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 Supervised By :mohammad ahmed 04/11/2022

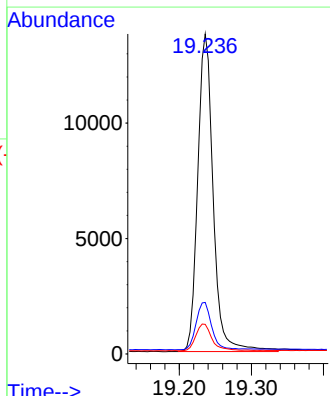
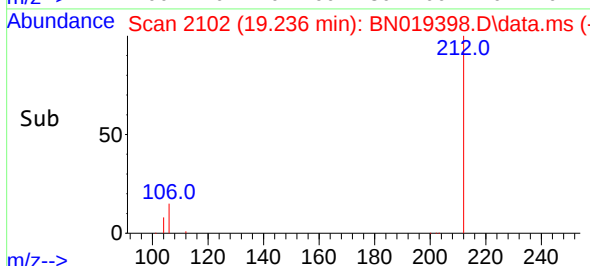


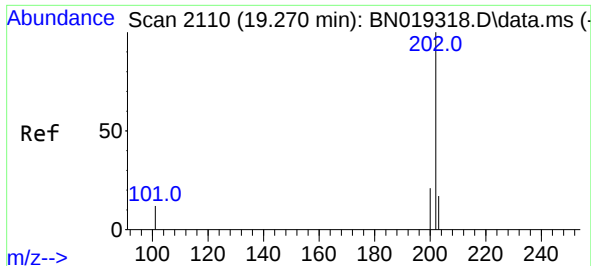
#27
 Fluoranthene-d10
 Concen: 0.352 ng
 RT: 19.236 min Scan# 2102
 Delta R.T. -0.004 min
 Lab File: BN019398.D
 Acq: 08 Apr 2022 21:00



Tgt Ion:212 Resp: 20542

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.7	19.1
104	8.8	7.1	10.7





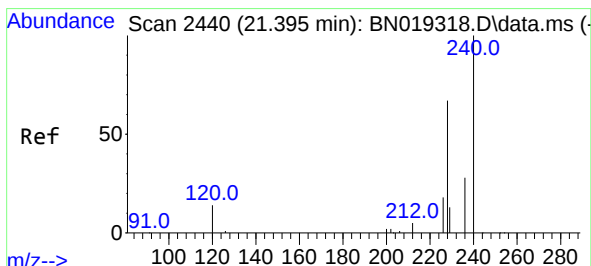
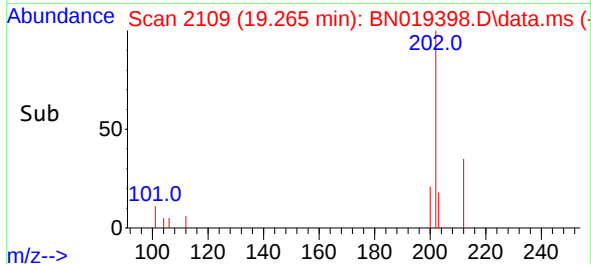
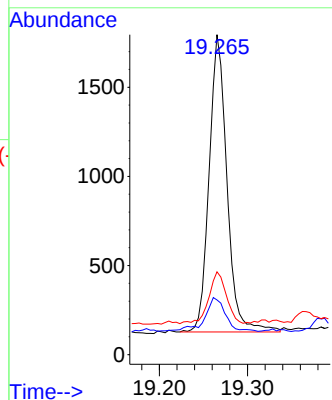
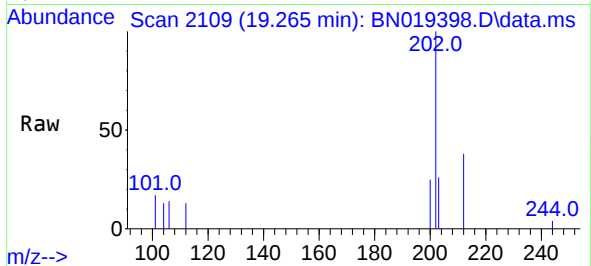
#28
Fluoranthene
Concen: 0.033 ng
RT: 19.265 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

Instrument :
BNA_N
ClientSampleId :
MW-11R

Tgt Ion:202 Resp: 235
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
203 17.1 13.7 20.5

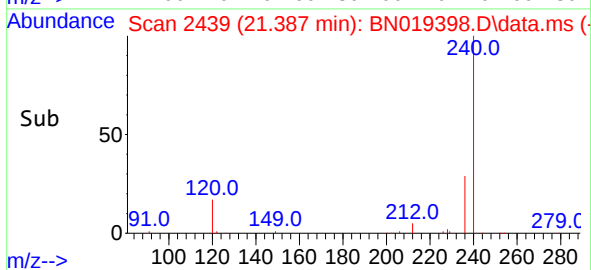
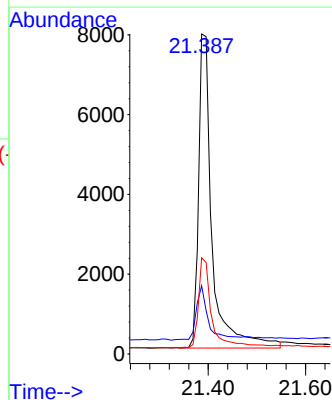
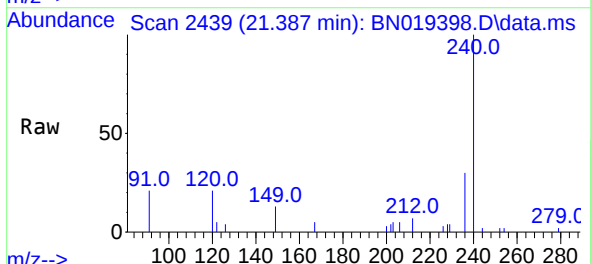
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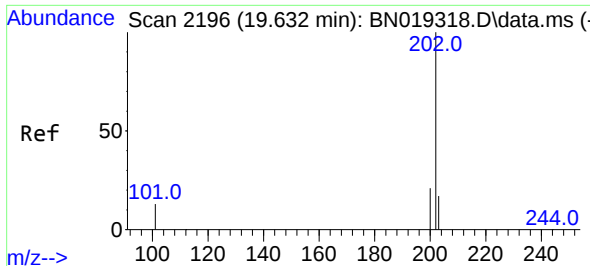
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

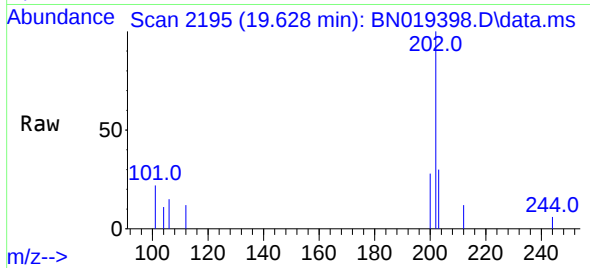
Tgt Ion:240 Resp: 15203
Ion Ratio Lower Upper
240 100
120 21.3 8.5 12.7#
236 30.0 22.4 33.6





#30
Pyrene
Concen: 0.027 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

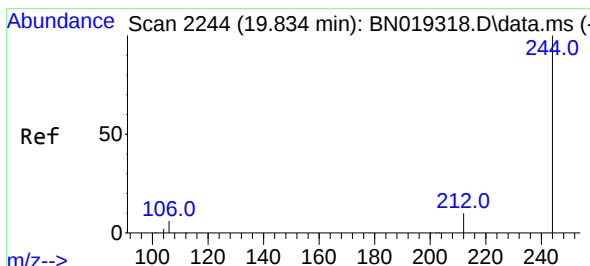
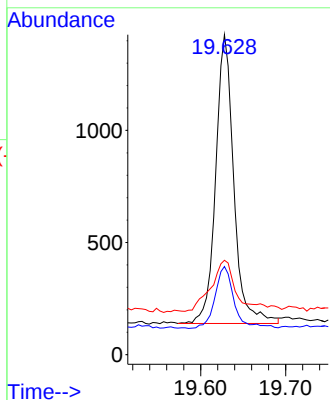
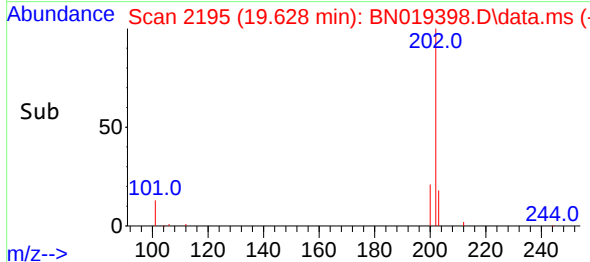
Instrument :
BNA_N
ClientSampleId :
MW-11R



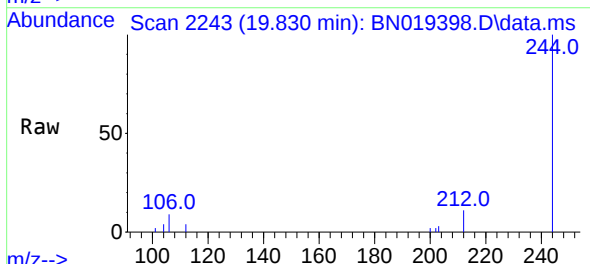
Tgt Ion:202 Resp: 1909
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 24.7 14.2 21.2

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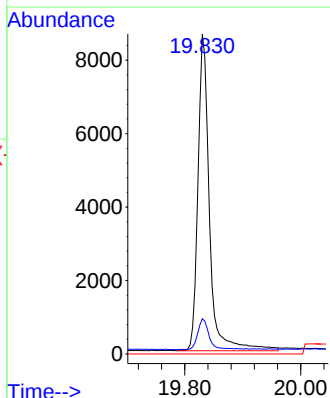
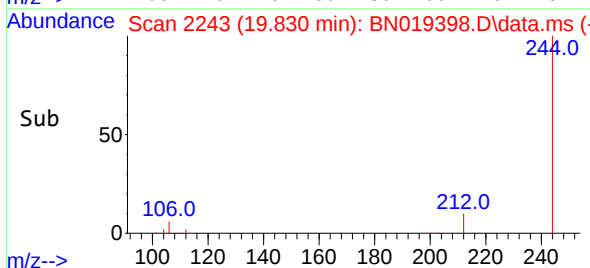
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

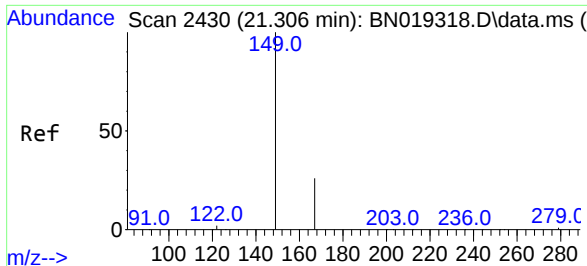


#31
Terphenyl-d14
Concen: 0.359 ng
RT: 19.830 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



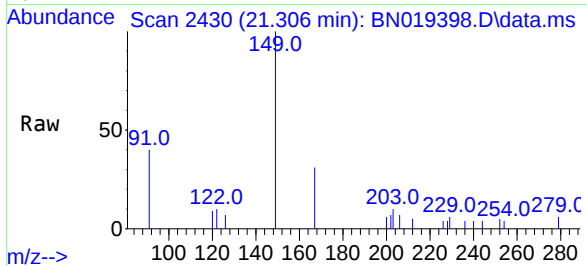
Tgt Ion:244 Resp: 11870
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00

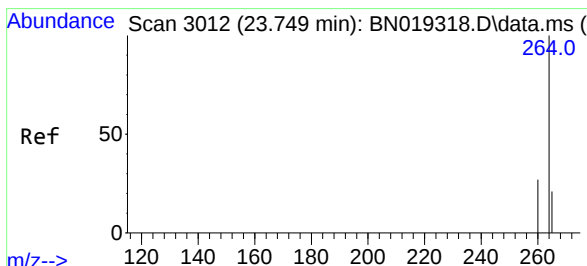
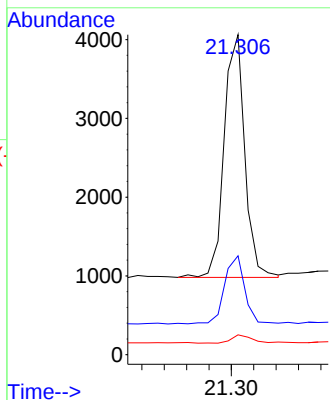
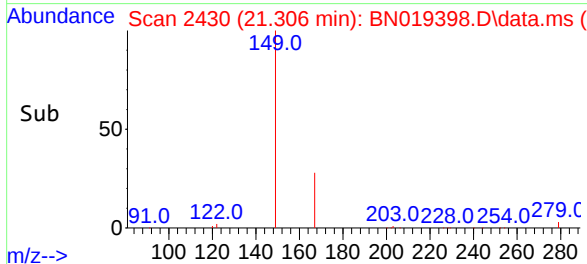
Instrument :
BNA_N
ClientSampleId :
MW-11R



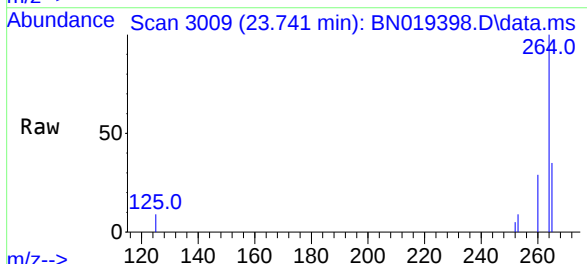
Tgt Ion:149 Resp: 3948
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 3.8 2.0 3.0

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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3009
Delta R.T. -0.009 min
Lab File: BN019398.D
Acq: 08 Apr 2022 21:00



Tgt Ion:264 Resp: 12220
Ion Ratio Lower Upper
264 100
260 28.9 22.4 33.6
265 35.3 25.3 37.9

