

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
 Data File : BN019395.D
 Acq On : 08 Apr 2022 19:11
 Operator : CG/JU
 Sample : N2333-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 04:11:20 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	7.825	152	4614	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	13886	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	9312	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	18190	0.400	ng	0.00
29) Chrysene-d12	21.386	240	15649	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	13094	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1065	0.086	ng	0.00
5) Phenol-d6	6.995	99	776	0.052	ng	0.00
8) Nitrobenzene-d5	8.982	82	1851m	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	4347	0.178	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1331	0.235	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	8170	0.211	ng	0.00
27) Fluoranthene-d10	19.236	212	12830	0.219	ng	0.00
31) Terphenyl-d14	19.830	244	10789	0.317	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	2272	0.055	ng	# 66
17) Acenaphthene	14.527	154	1080	0.035	ng	96
26) Anthracene	17.338	178	1294	0.024	ng	# 93
28) Fluoranthene	19.265	202	6251	0.086	ng	# 96
30) Pyrene	19.628	202	5900	0.081	ng	# 93
32) Benzo(a)anthracene	21.377	228	2297	0.040	ng	# 62
33) Chrysene	21.422	228	1623m	0.025	ng	
34) Bis(2-ethylhexyl)phtha...	21.306	149	9264	0.215	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.173	276	1983	0.036	ng	# 81
37) Benzo(b)fluoranthene	23.027	252	4157	0.081	ng	# 14
38) Benzo(k)fluoranthene	23.068	252	1500m	0.028	ng	
39) Benzo(a)pyrene	23.638	252	2620	0.057	ng	# 1
41) Benzo(g,h,i)perylene	26.913	276	2430	0.048	ng	# 76

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

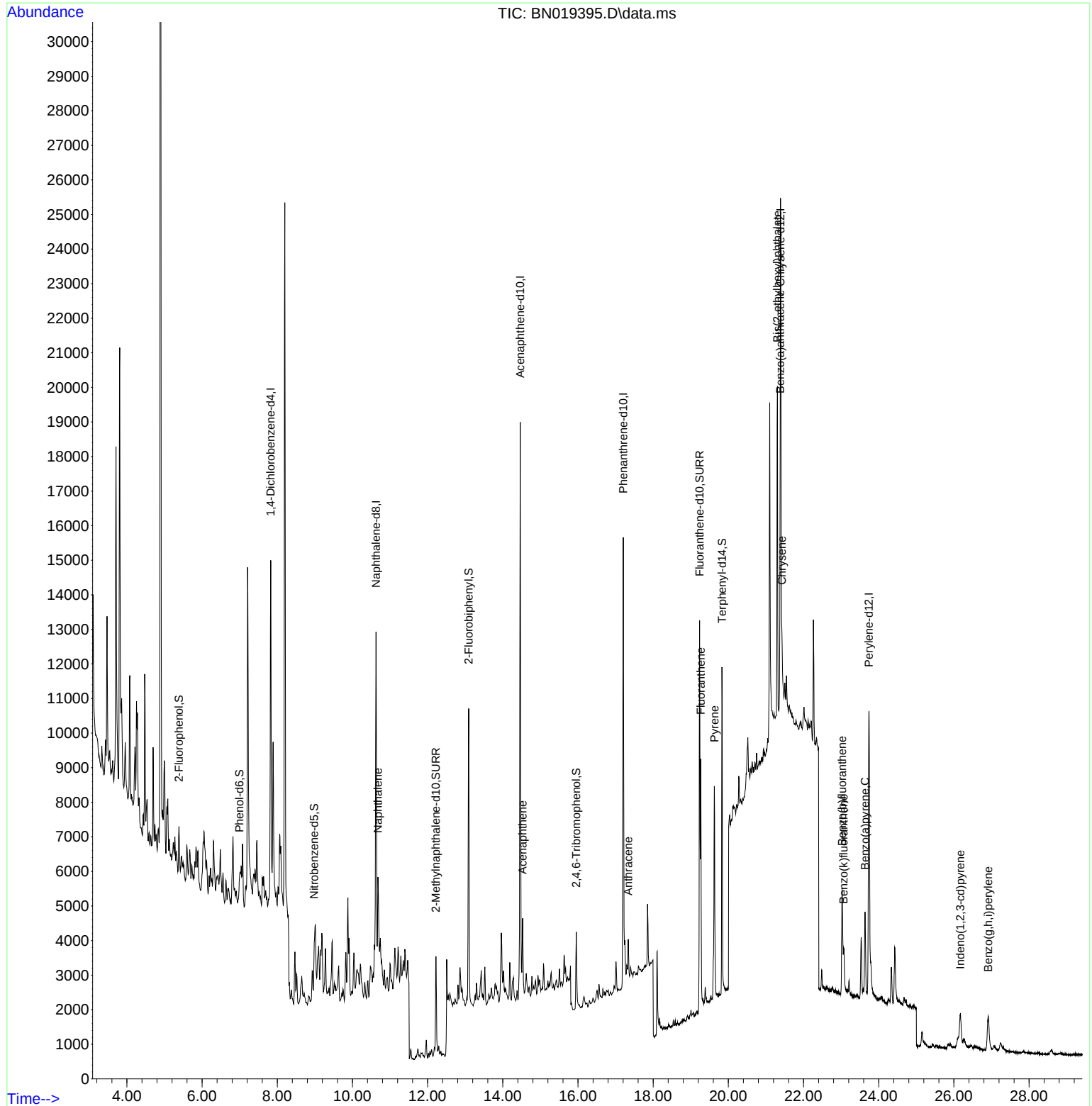
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
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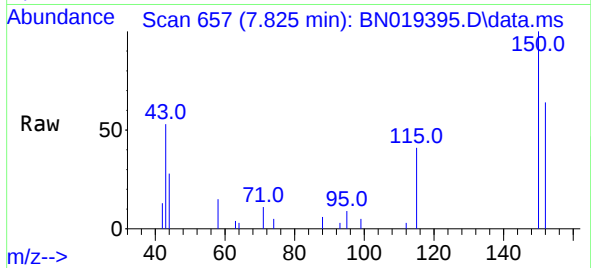
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 657
Delta R.T. 0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

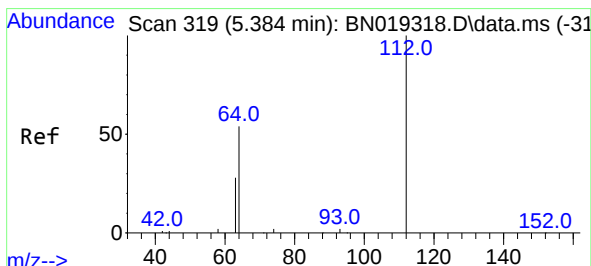
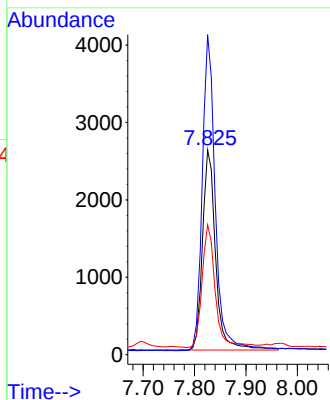
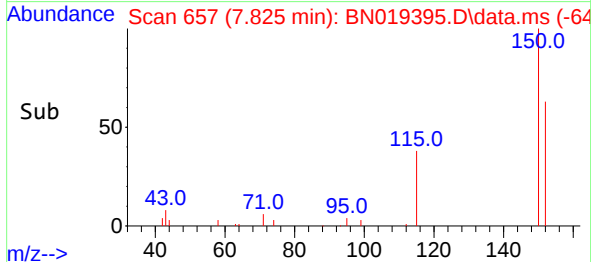
Instrument :
BNA_N
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MW-1



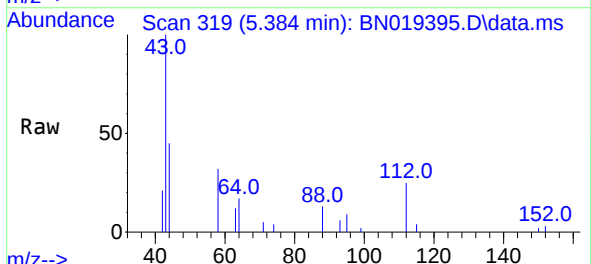
Tgt Ion:152 Resp: 4614
Ion Ratio Lower Upper
152 100
150 156.3 123.9 185.9
115 63.4 48.2 72.4

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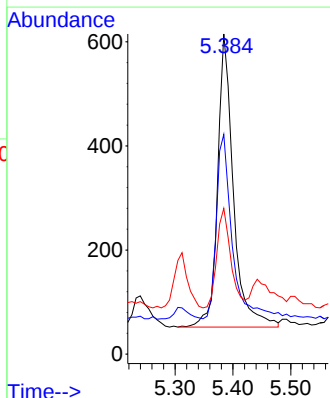
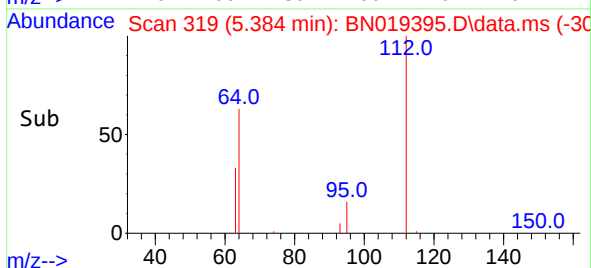
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



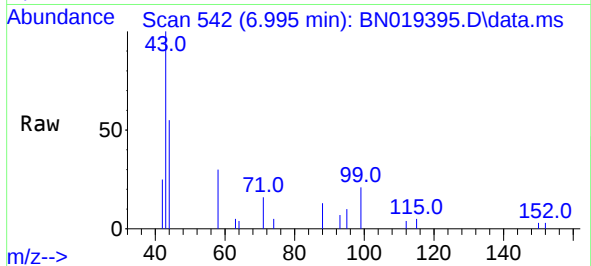
Tgt Ion:112 Resp: 1065
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.8
63 29.9 25.7 38.5





#5
Phenol-d6
Concen: 0.052 ng
RT: 6.995 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

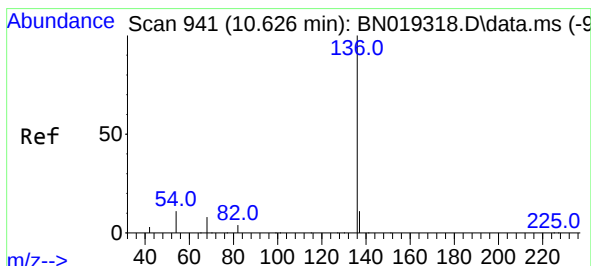
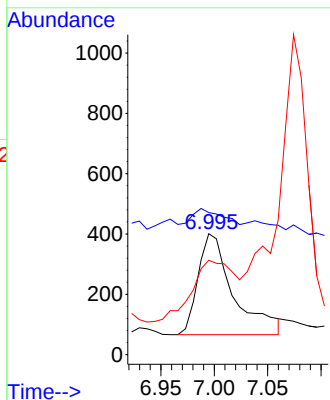
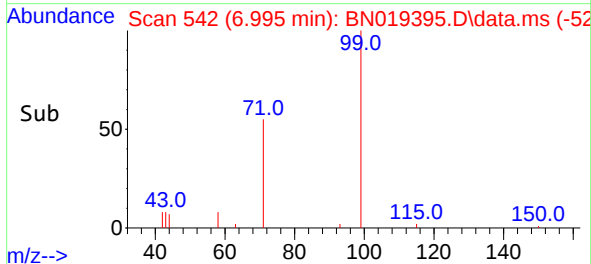
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion: 99 Resp: 770
Ion Ratio Lower Upper
99 100
42 13.3 16.2 24.4#
71 74.7 27.7 41.5#

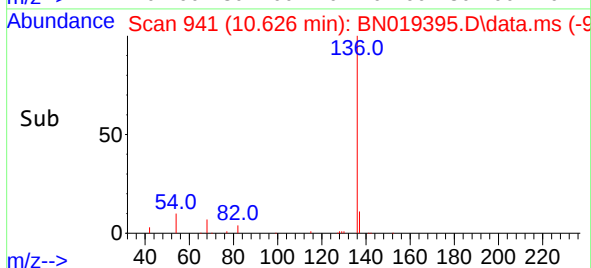
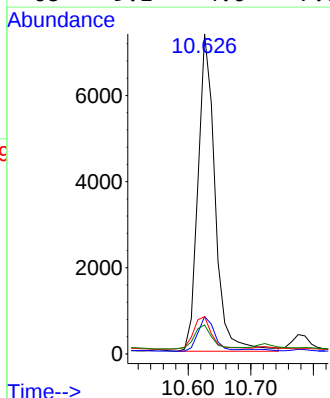
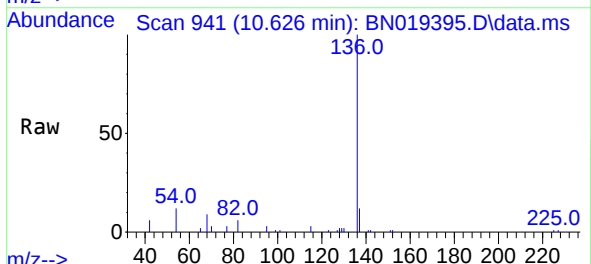
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

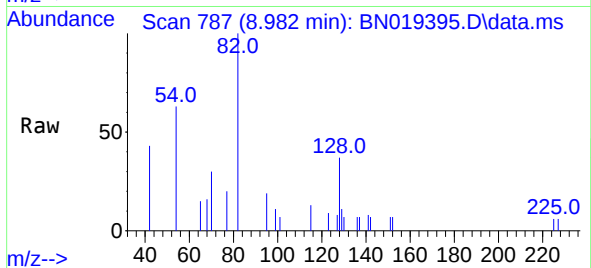
Tgt Ion:136 Resp: 13886
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 11.7 5.8 8.6#
68 9.1 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.147 ng m
RT: 8.982 min Scan# 787
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

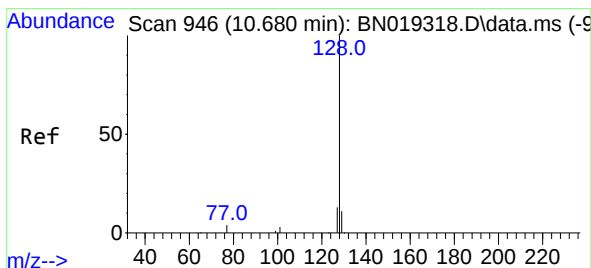
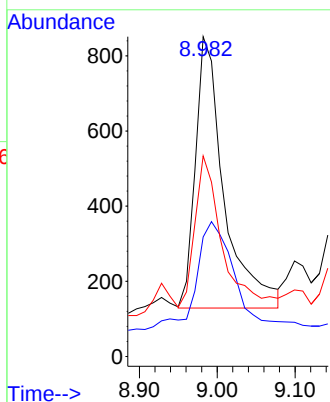
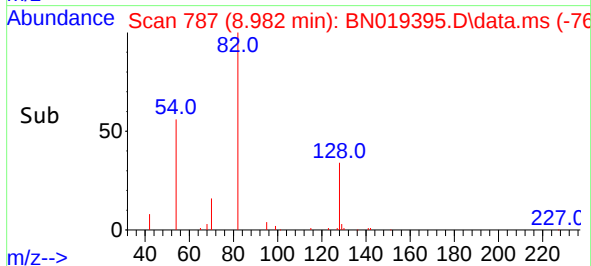
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion: 82 Resp: 185
Ion Ratio Lower Upper
82 100
128 37.4 33.0 49.6
54 62.7 42.5 63.7

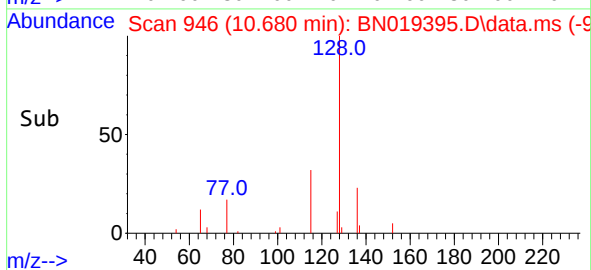
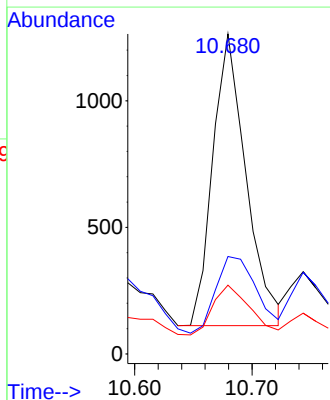
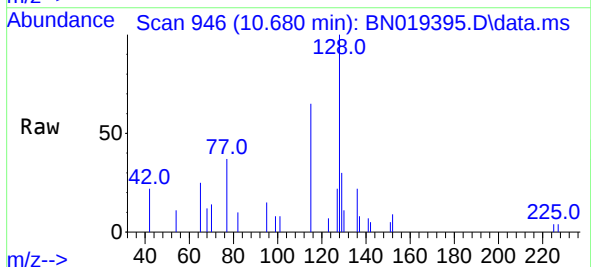
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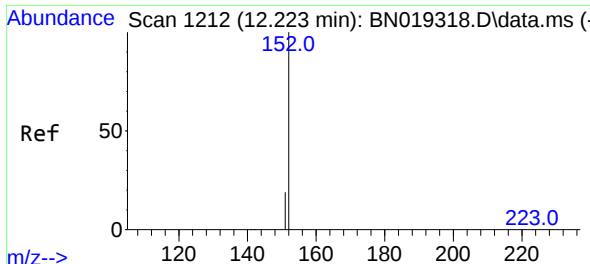
Reviewed By :Christian Giraldo 04/11/2022
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#9
Naphthalene
Concen: 0.055 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

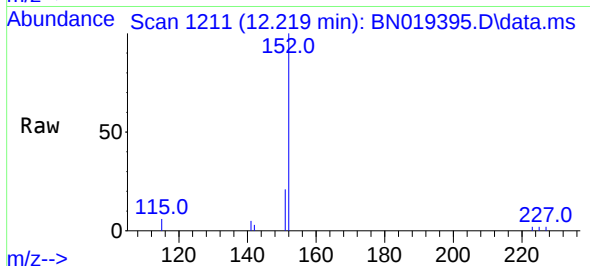
Tgt Ion:128 Resp: 2272
Ion Ratio Lower Upper
128 100
129 30.5 9.0 13.4#
127 21.5 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

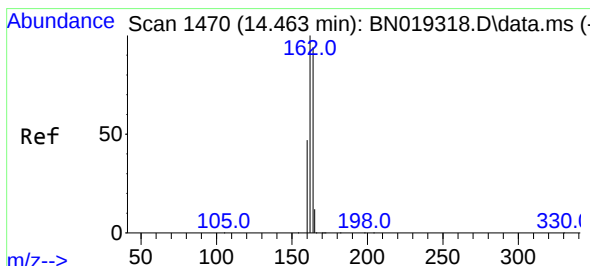
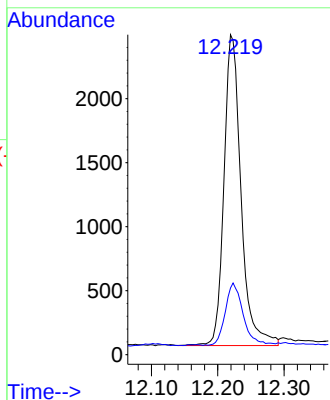
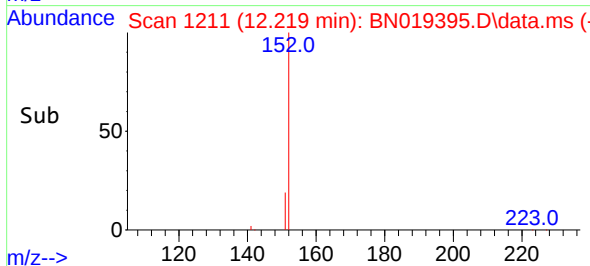
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:152 Resp: 434
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7

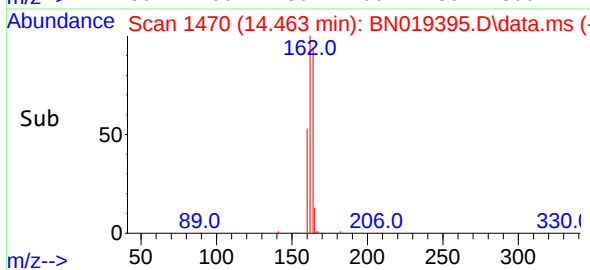
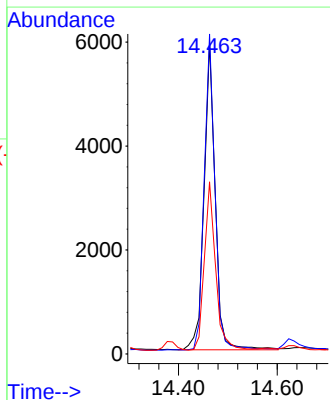
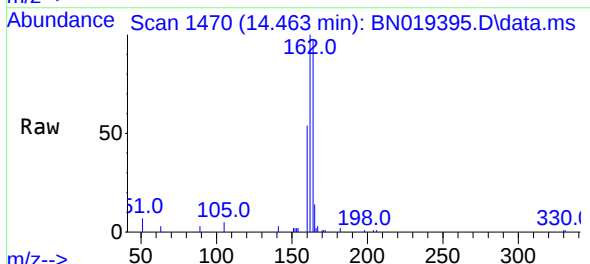
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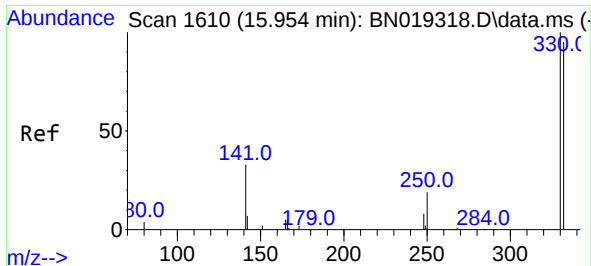
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

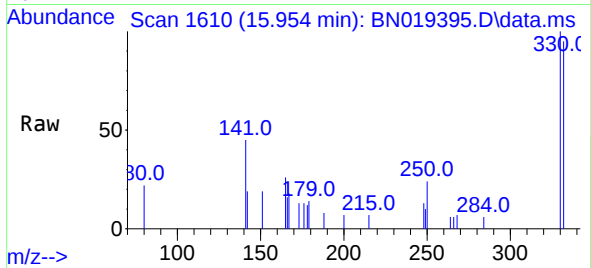
Tgt Ion:164 Resp: 9312
Ion Ratio Lower Upper
164 100
162 102.8 85.2 127.8
160 55.3 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

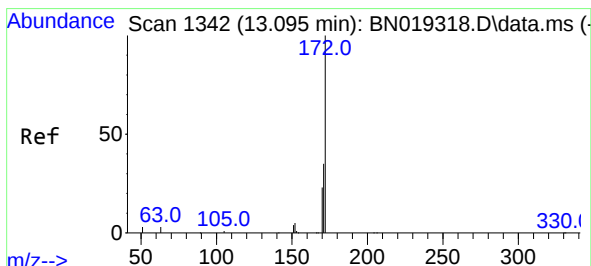
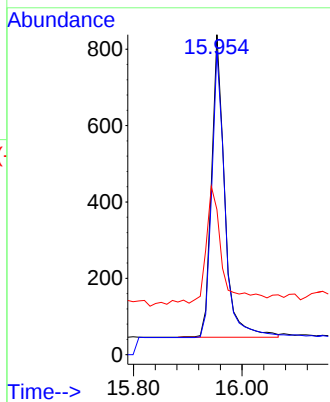
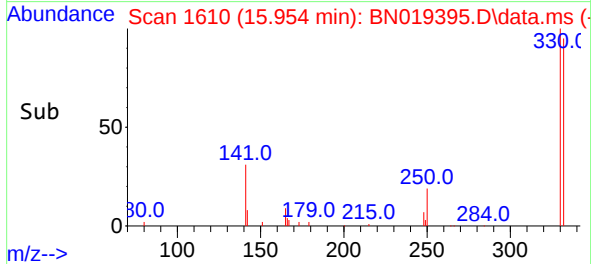
Instrument :
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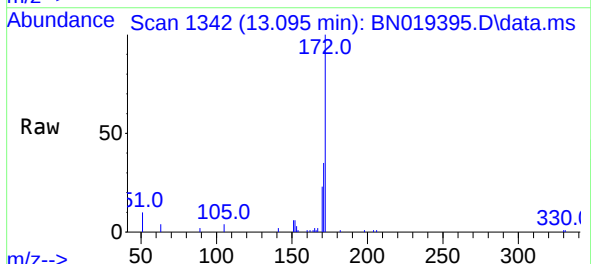
Tgt Ion:330 Resp: 133
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 44.5 32.2 48.2

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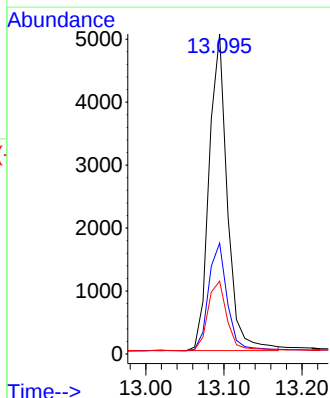
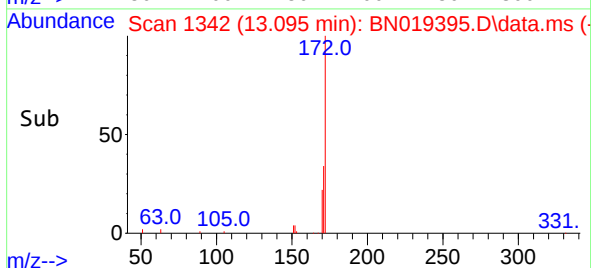
Reviewed By :Christian Giraldo 04/11/2022
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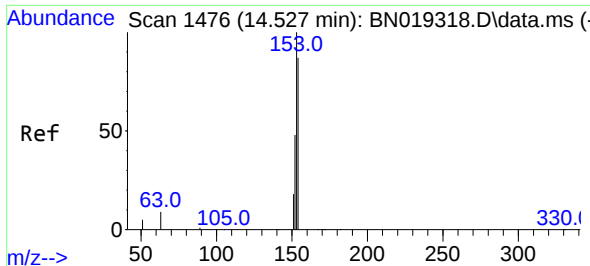


#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



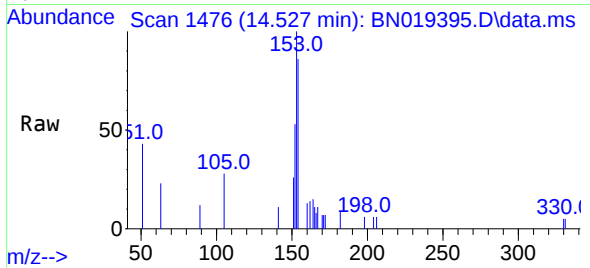
Tgt Ion:172 Resp: 8170
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.7 18.7 28.1





#17
Acenaphthene
Concen: 0.035 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

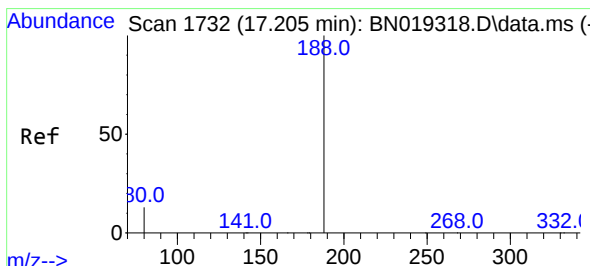
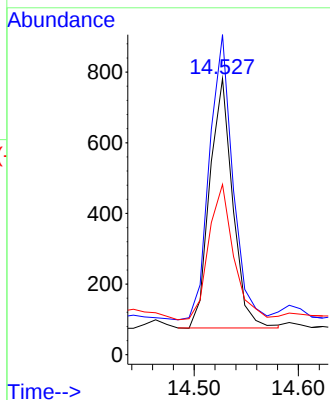
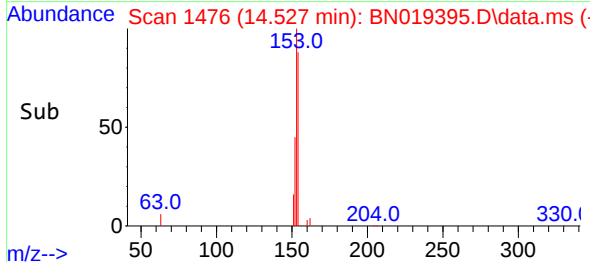
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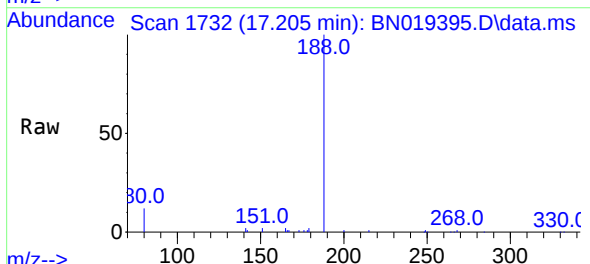
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Ion Ratio Lower Upper
154 100
153 115.8 89.7 134.5
152 59.4 44.7 67.1

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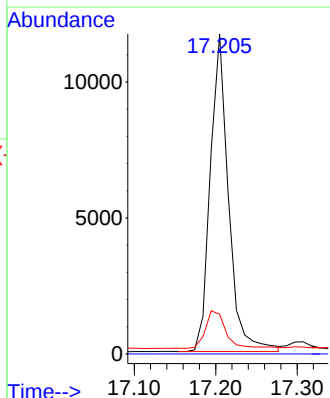
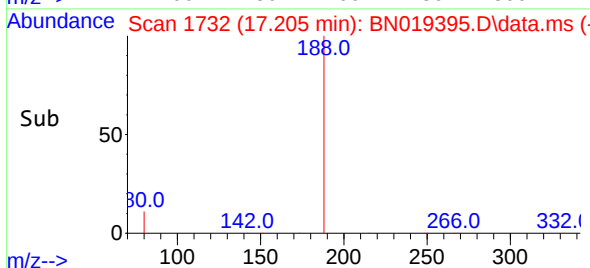
Reviewed By :Christian Giraldo 04/11/2022
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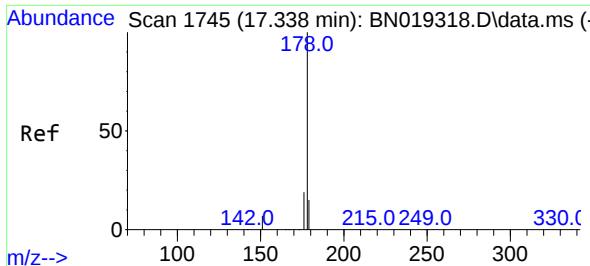


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



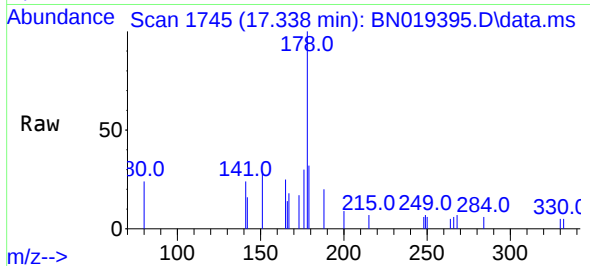
Tgt Ion:188 Resp: 18190
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 11.8 17.8





#26
 Anthracene
 Concen: 0.024 ng
 RT: 17.338 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN019395.D
 Acq: 08 Apr 2022 19:11

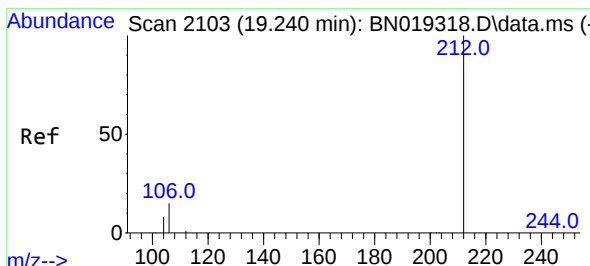
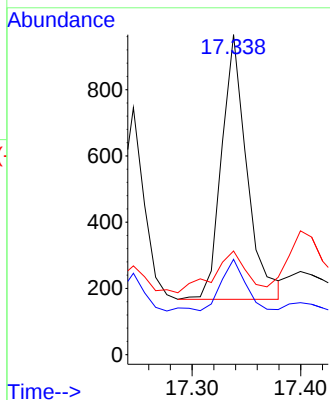
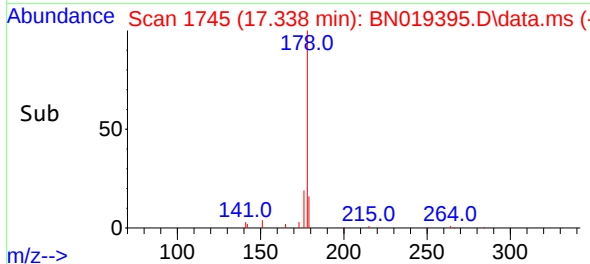
Instrument :
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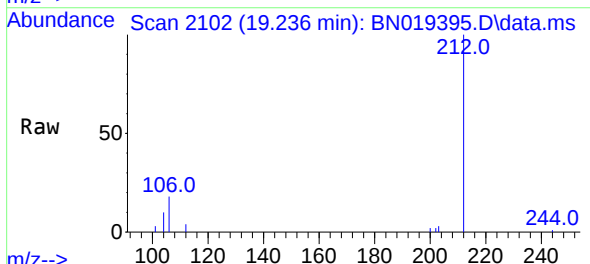
Tgt Ion:178 Resp: 1294
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.8 22.2
 179 20.6 12.2 18.4

Manual Integrations
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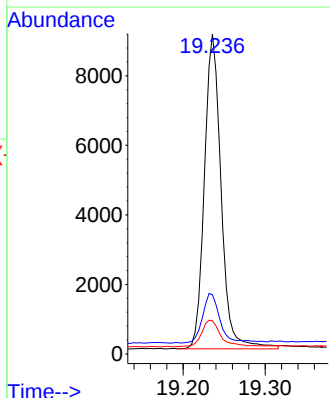
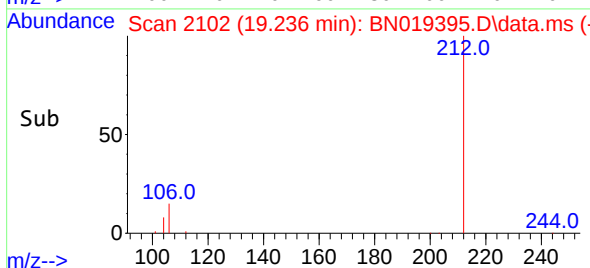
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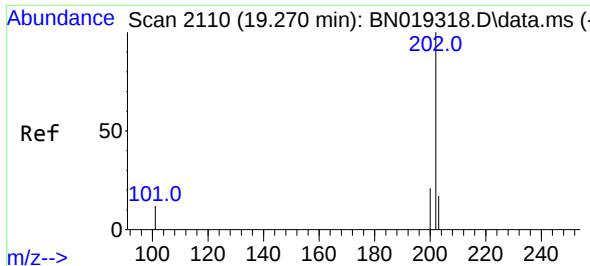


#27
 Fluoranthene-d10
 Concen: 0.219 ng
 RT: 19.236 min Scan# 2102
 Delta R.T. -0.004 min
 Lab File: BN019395.D
 Acq: 08 Apr 2022 19:11



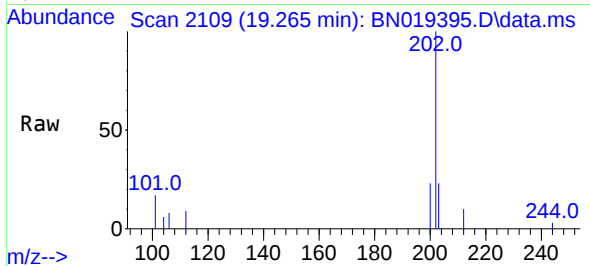
Tgt Ion:212 Resp: 12830
 Ion Ratio Lower Upper
 212 100
 106 16.7 12.7 19.1
 104 9.7 7.1 10.7





#28
Fluoranthene
Concen: 0.086 ng
RT: 19.265 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

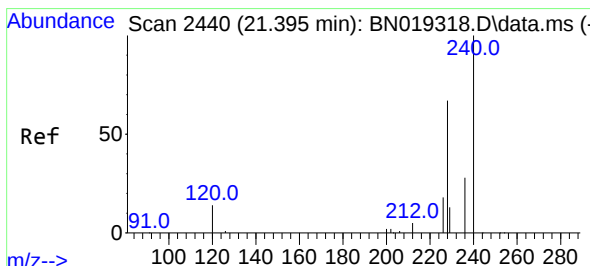
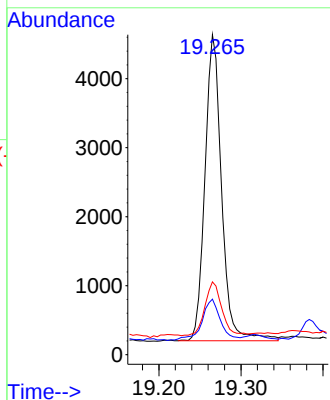
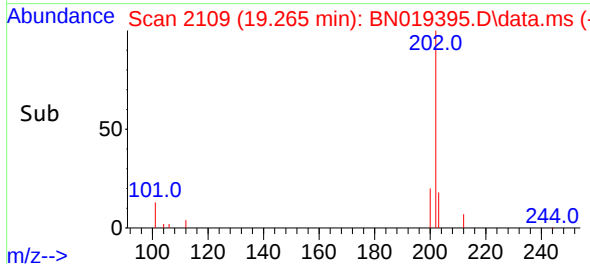
Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:202 Resp: 625
Ion Ratio Lower Upper
202 100
101 15.0 9.8 14.6
203 17.8 13.7 20.5

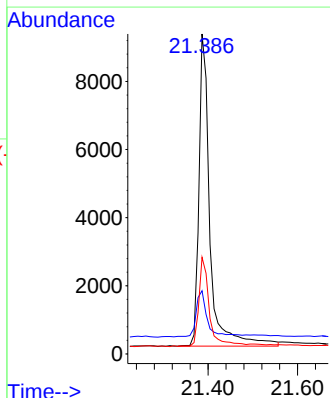
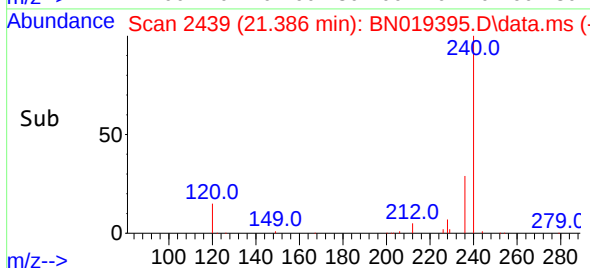
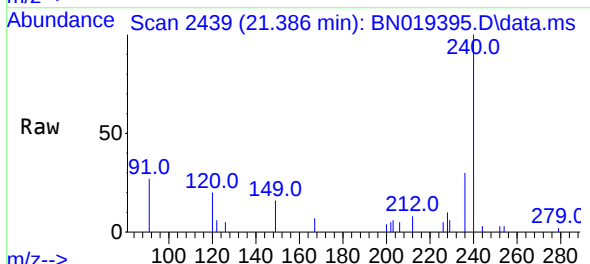
Manual Integrations
APPROVED

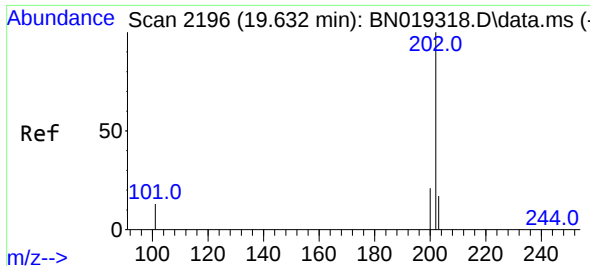
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

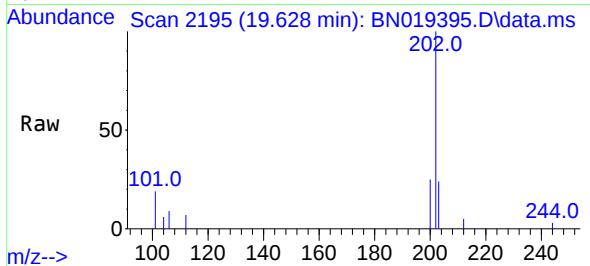
Tgt Ion:240 Resp: 15649
Ion Ratio Lower Upper
240 100
120 19.7 8.5 12.7#
236 30.2 22.4 33.6





#30
Pyrene
Concen: 0.081 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

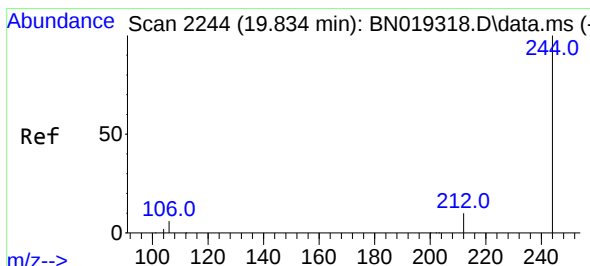
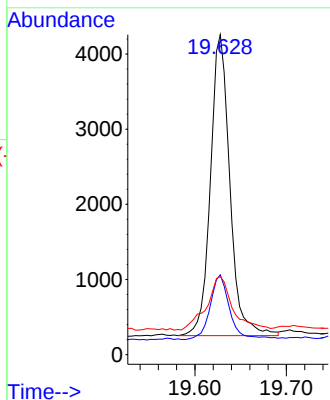
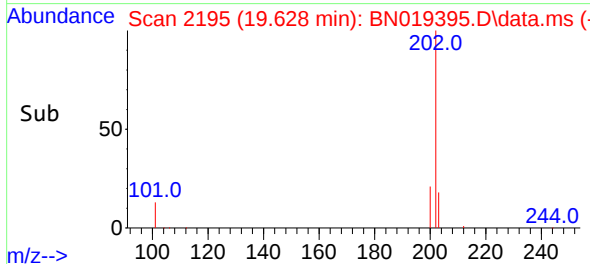
Instrument :
BNA_N
ClientSampleId :
MW-1



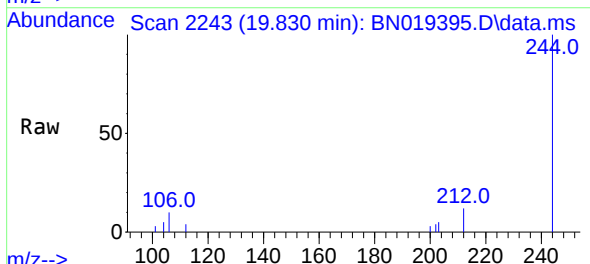
Tgt Ion:202 Resp: 5900
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 23.6 14.2 21.2

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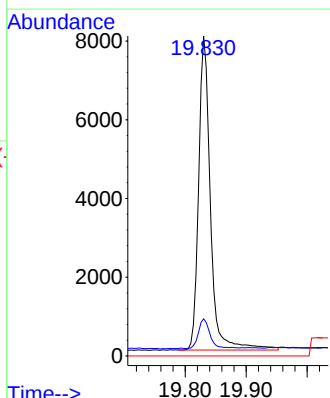
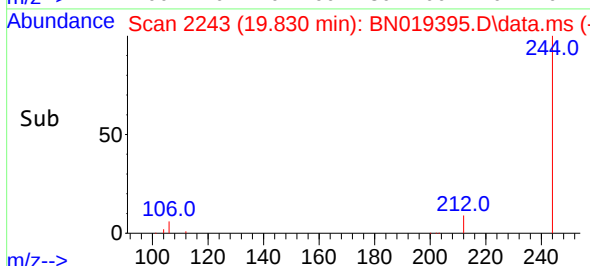
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

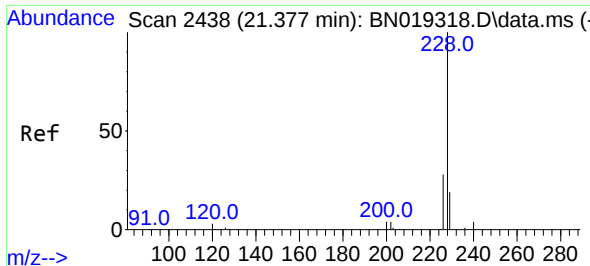


#31
Terphenyl-d14
Concen: 0.317 ng
RT: 19.830 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



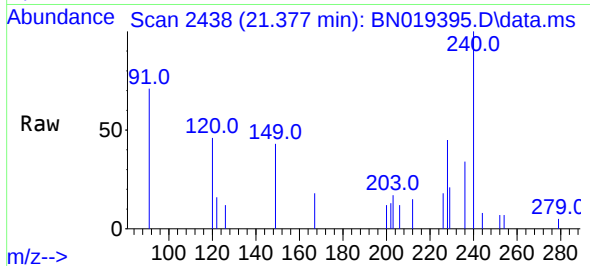
Tgt Ion:244 Resp: 10789
Ion Ratio Lower Upper
244 100
212 11.6 8.2 12.4
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

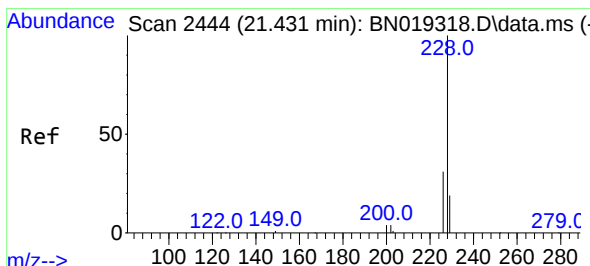
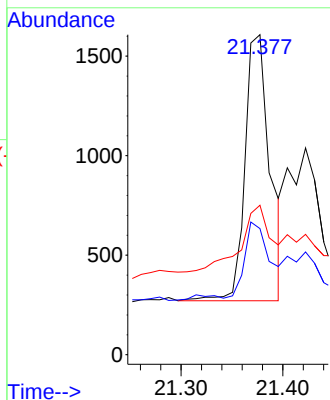
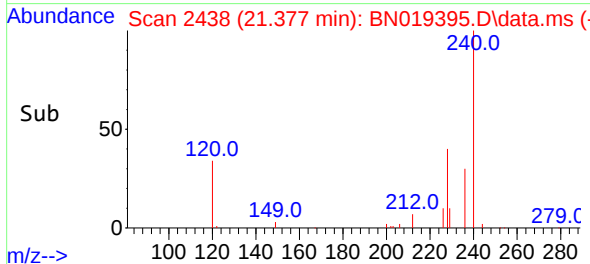
Instrument :
BNA_N
ClientSampleId :
MW-1



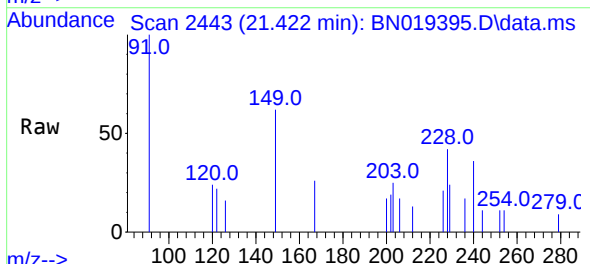
Tgt Ion:228 Resp: 229
Ion Ratio Lower Upper
228 100
226 39.4 21.9 32.9#
229 46.7 16.0 24.0#

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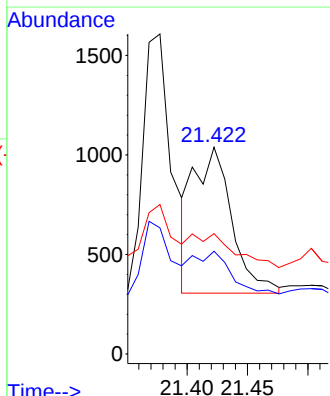
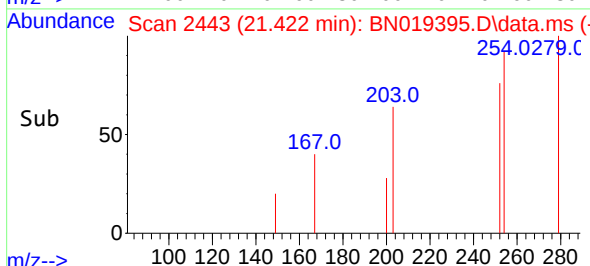
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

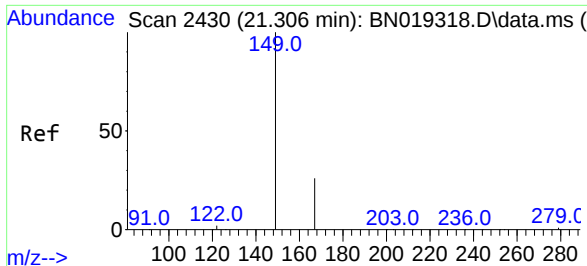


#33
Chrysene
Concen: 0.025 ng m
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



Tgt Ion:228 Resp: 1623
Ion Ratio Lower Upper
228 100
226 49.7 24.0 36.0#
229 58.2 15.9 23.9#





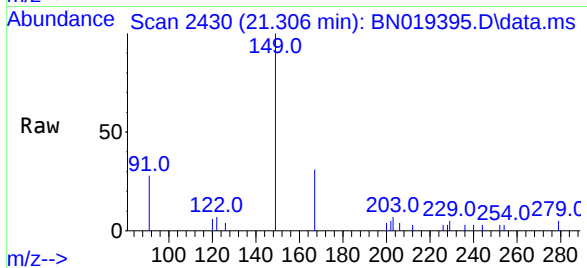
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

Instrument :

BNA_N

ClientSampleId :

MW-1

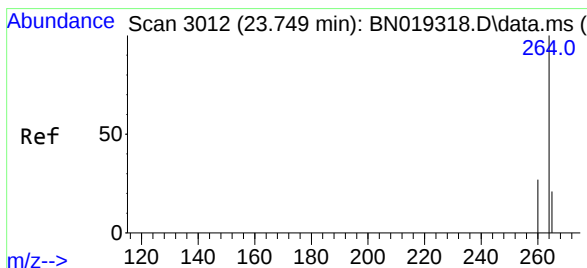
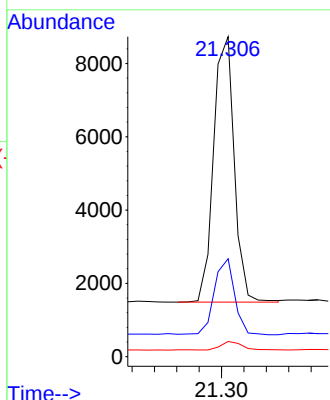
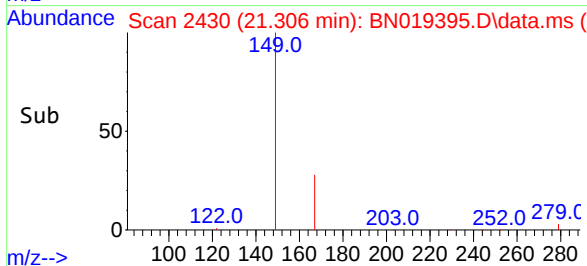


Tgt Ion:149 Resp: 9264
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 3.7 2.0 3.0

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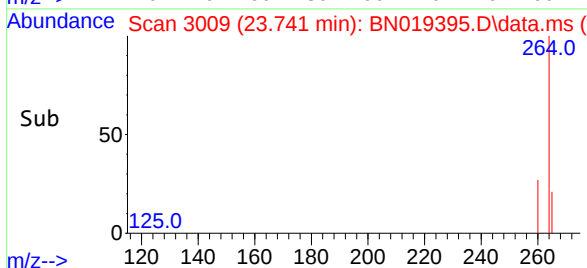
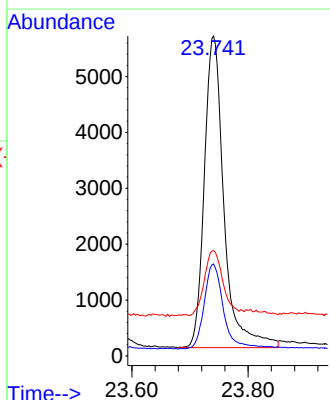
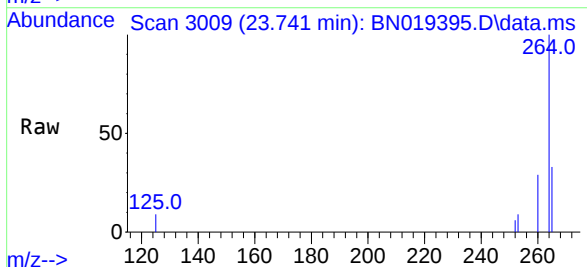
APPROVED

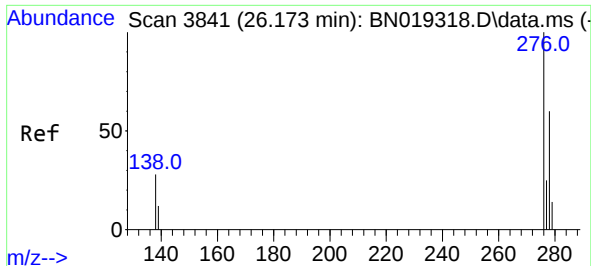
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3009
Delta R.T. -0.009 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

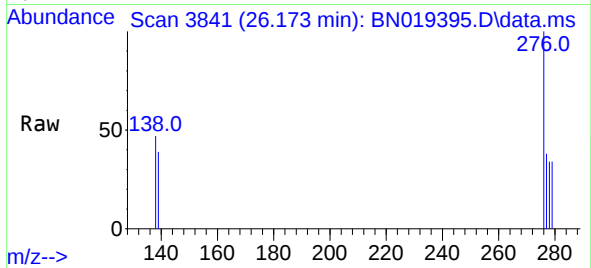
Tgt Ion:264 Resp: 13094
Ion Ratio Lower Upper
264 100
260 28.8 22.4 33.6
265 32.9 25.3 37.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.173 min Scan# 3841
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

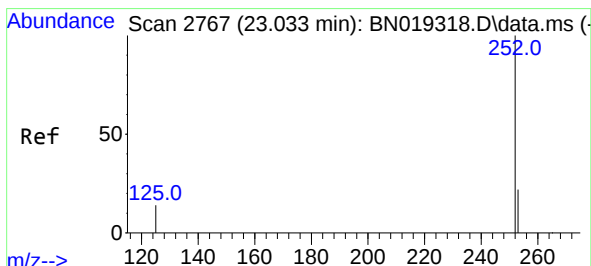
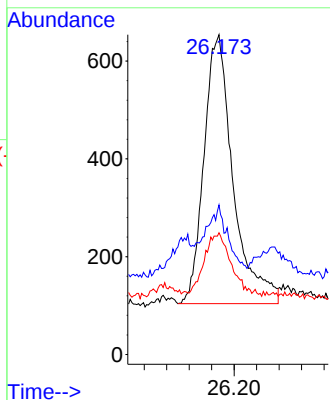
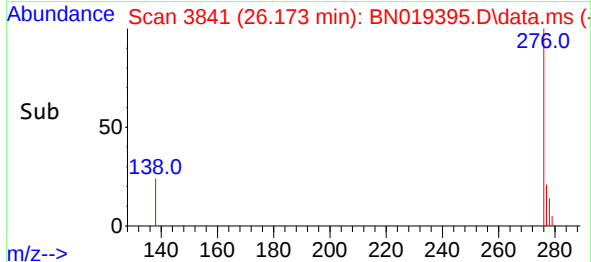
Instrument :
BNA_N
ClientSampleId :
MW-1



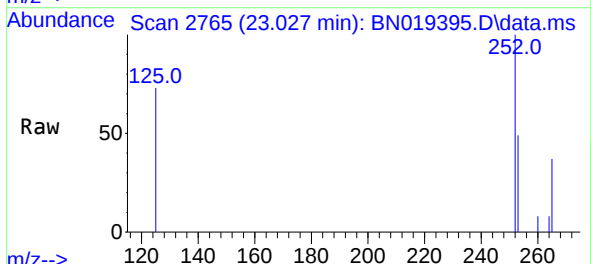
Tgt Ion:276 Resp: 1983
Ion Ratio Lower Upper
276 100
138 15.6 24.5 36.7#
277 20.2 19.8 29.8#

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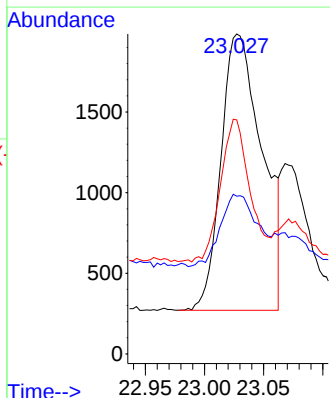
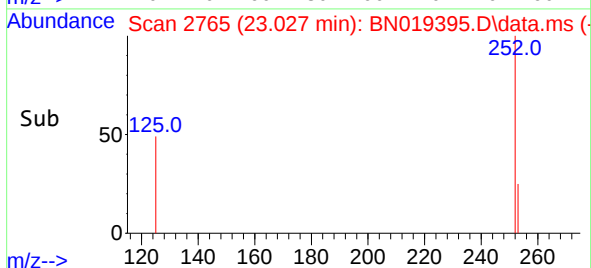
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

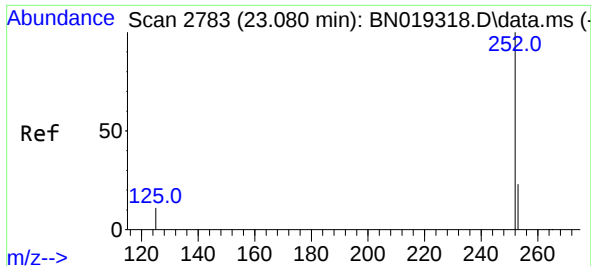


#37
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 23.027 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



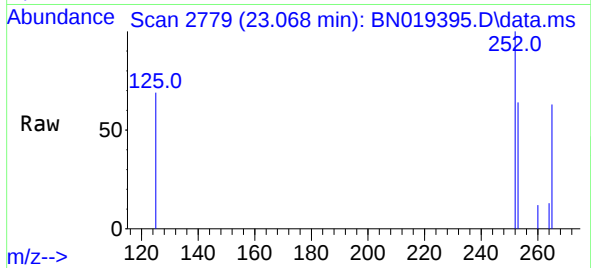
Tgt Ion:252 Resp: 4157
Ion Ratio Lower Upper
252 100
253 49.3 18.9 28.3#
125 73.1 12.1 18.1#





#38
Benzo(k)fluoranthene
Concen: 0.028 ng m
RT: 23.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

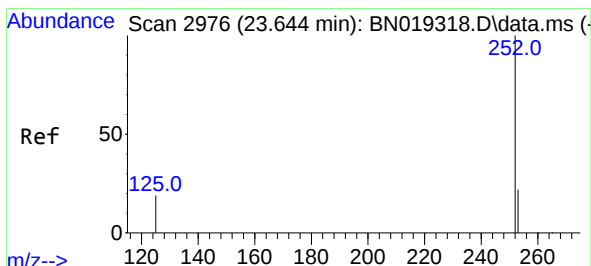
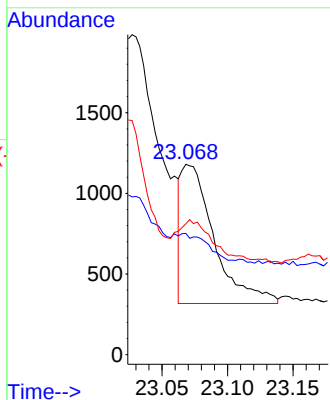
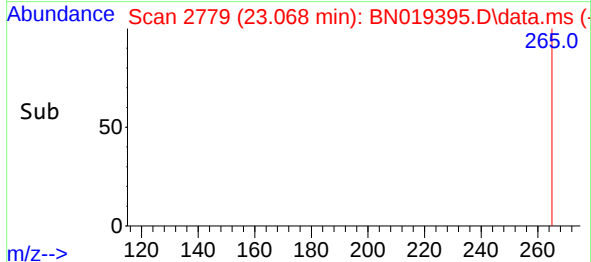
Instrument :
BNA_N
ClientSampleId :
MW-1



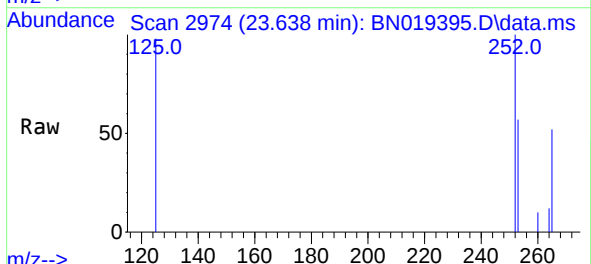
Tgt Ion:252 Resp: 1500
Ion Ratio Lower Upper
252 100
253 63.7 18.9 28.3#
125 68.7 10.3 15.5#

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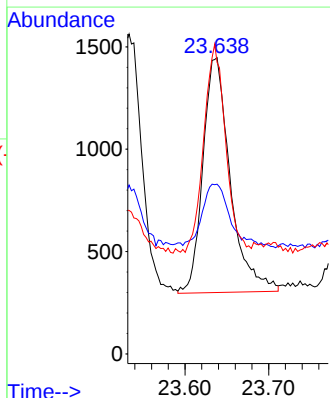
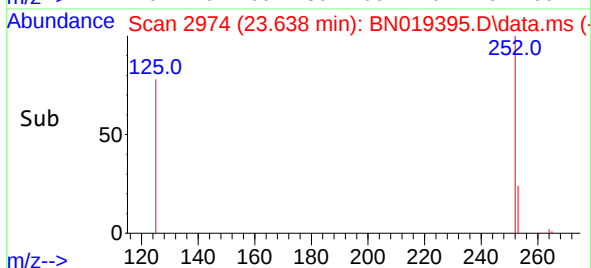
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

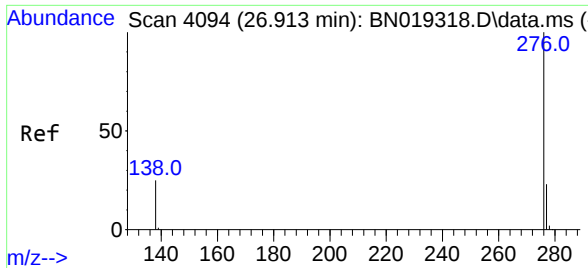


#39
Benzo(a)pyrene
Concen: 0.057 ng
RT: 23.638 min Scan# 2974
Delta R.T. -0.006 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11



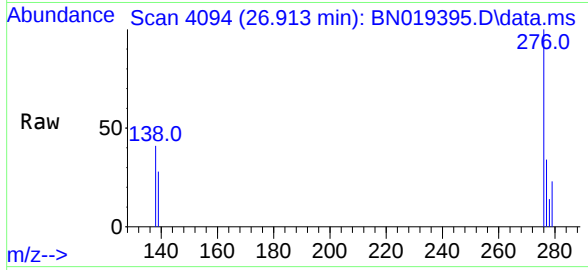
Tgt Ion:252 Resp: 2620
Ion Ratio Lower Upper
252 100
253 57.3 20.1 30.1#
125 98.4 15.2 22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.048 ng
RT: 26.913 min Scan# 4094
Delta R.T. -0.000 min
Lab File: BN019395.D
Acq: 08 Apr 2022 19:11

Instrument :
BNA_N
ClientSampleId :
MW-1



Tgt Ion:276 Resp: 2430
Ion Ratio Lower Upper
276 100
277 34.0 19.4 29.0
138 40.9 21.0 31.6

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

