

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020391.D
 Acq On : 24 Jun 2022 11:11
 Operator : CG/JU
 Sample : N3385-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA2

Quant Time: Jun 25 00:54:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

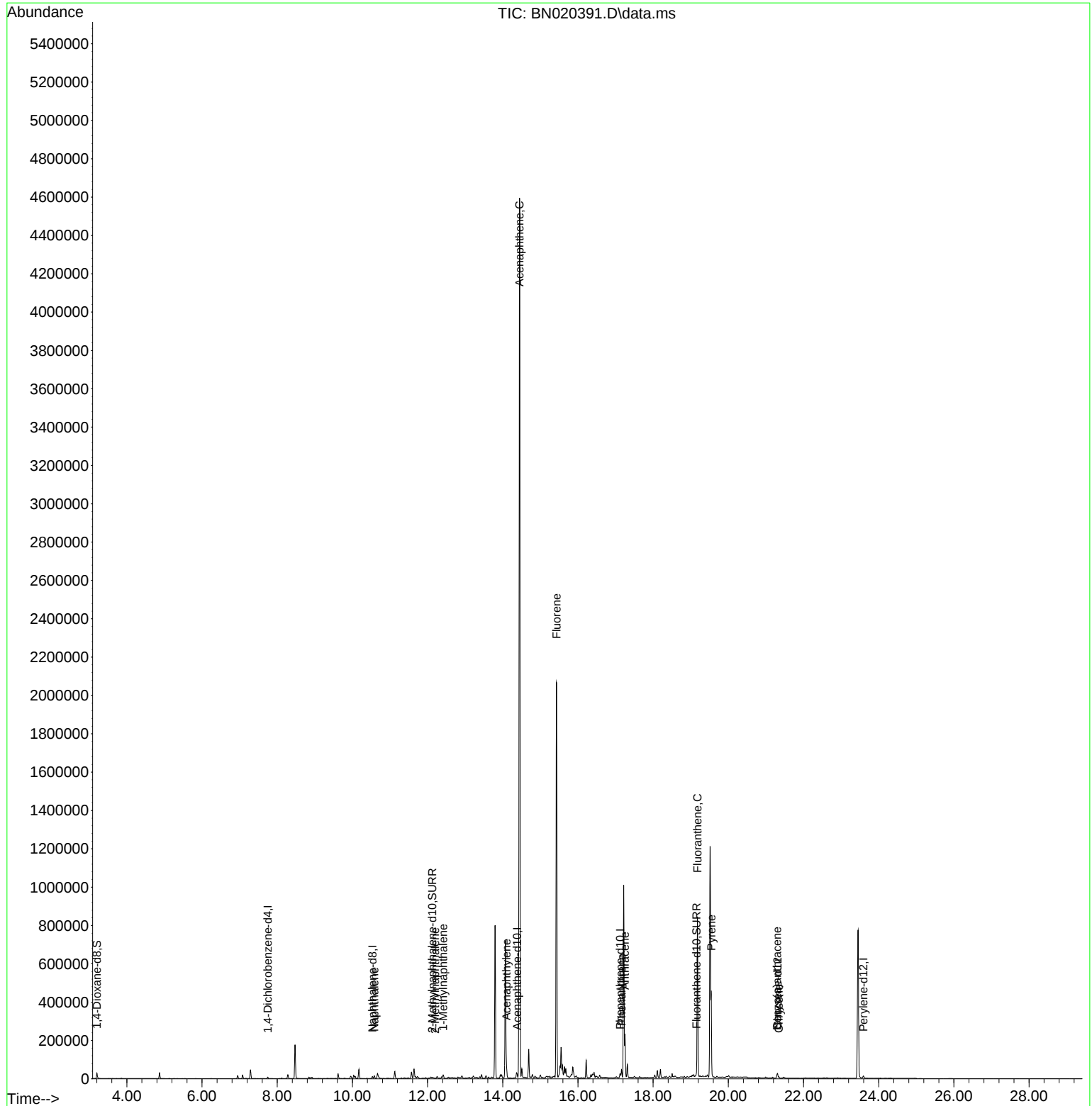
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.750	152	3986	0.400 ng/u1	0.00
4) Naphthalene-d8	10.535	136	13589	0.400 ng/u1	0.00
9) Acenaphthene-d10	14.382	164	10100	0.400 ng/u1	# 0.00
13) Phenanthrene-d10	17.120	188	19243	0.400 ng/u1	# 0.00
17) Chrysene-d12	21.309	240	18412	0.400 ng/u1	0.00
23) Perylene-d12	23.595	264	16029	0.400 ng/u1	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.206	96	19652	4.256 ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.124	152	6822	0.306 ng/u1	0.00
18) Fluoranthene-d10	19.151	212	17911	0.295 ng/u1	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.584	128	19646	0.468 ng/u1	98
7) 2-Methylnaphthalene	12.201	142	849	0.030 ng/u1	91
8) 1-Methylnaphthalene	12.416	142	13330	0.501 ng/u1	99
10) Acenaphthylene	14.099	152	56733	1.185 ng/u1#	83
11) Acenaphthene	14.446	153	2986104	77.922 ng/u1	97
12) Fluorene	15.432	166	1398935	30.802 ng/u1	98
15) Phenanthrene	17.158	178	52189	0.780 ng/u1	95
16) Anthracene	17.251	178	234477	4.061 ng/u1	100
19) Fluoranthene	19.179	202	713828	8.489 ng/u1	100
20) Pyrene	19.546	202	367085	4.208 ng/u1	98
21) Benzo(a)anthracene	21.295	228	12850	0.194 ng/u1#	90
22) Chrysene	21.344	228	8101	0.110 ng/u1#	70

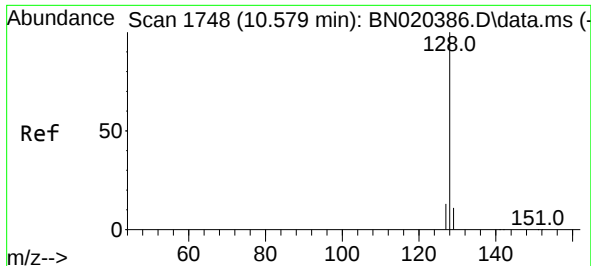
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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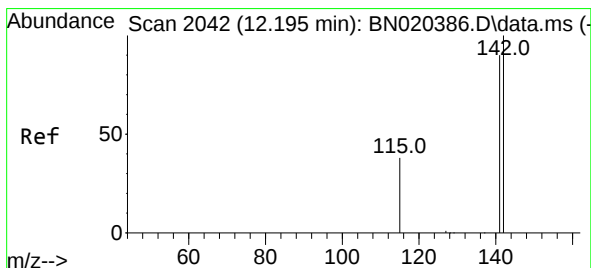
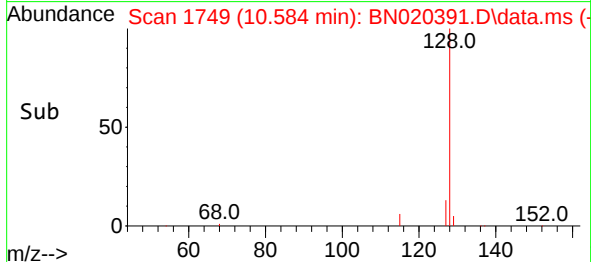
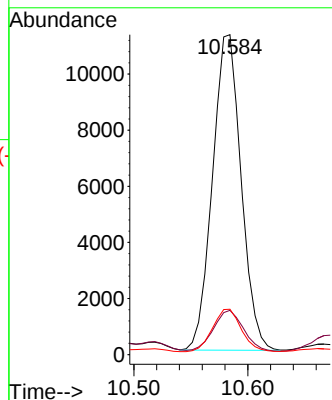
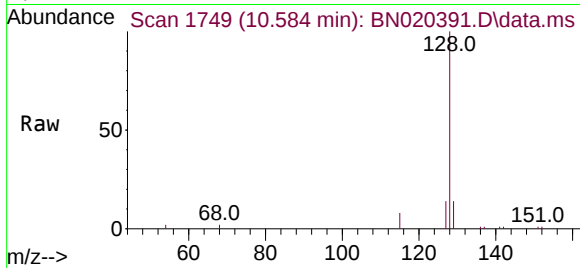




#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

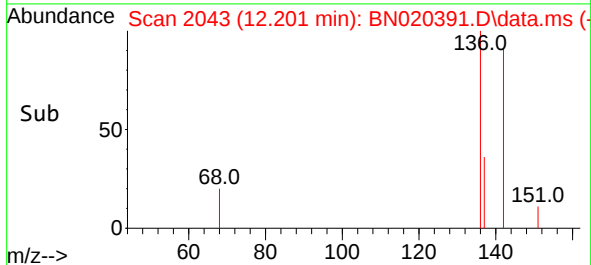
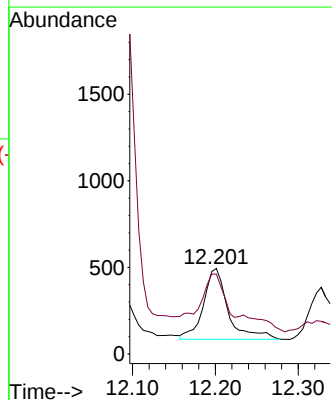
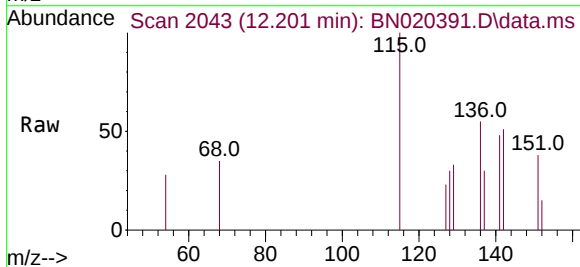
Instrument :
BNA_N
ClientSampleId :
C0AA2

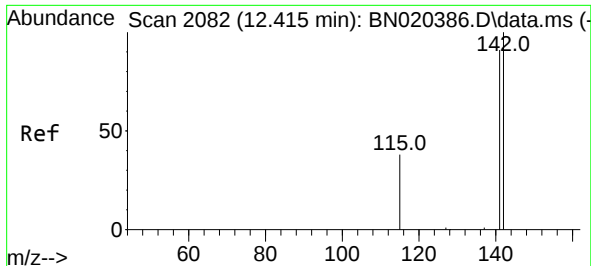
Tgt Ion:128 Resp: 19646
Ion Ratio Lower Upper
128 100
129 13.8 9.5 14.3
127 14.2 11.3 16.9



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
141 98.7 72.1 108.1

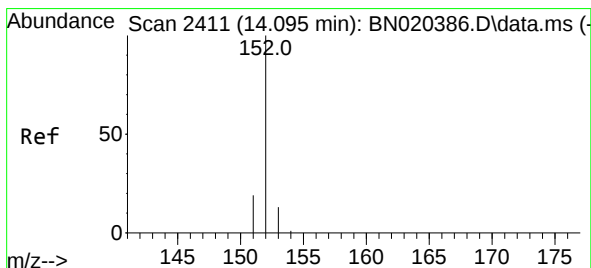
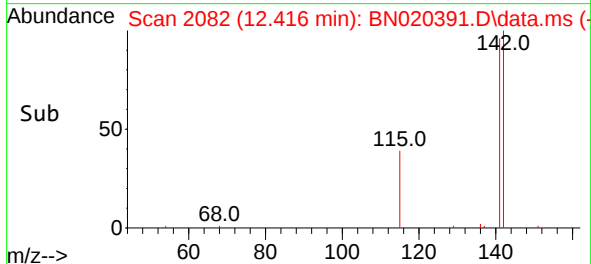
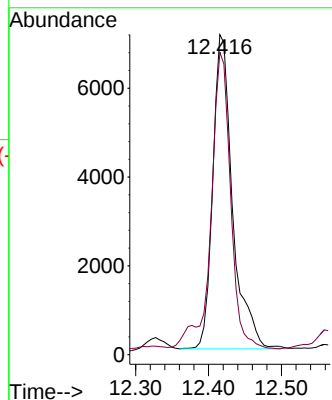
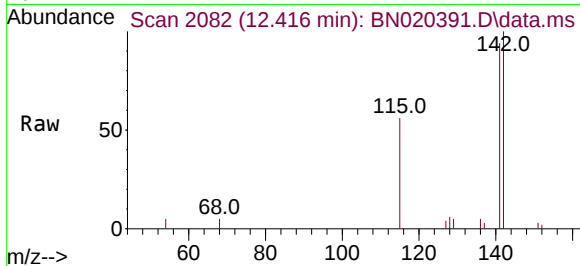




#8
1-Methylnaphthalene
Concen: 0.501 ng/ul
RT: 12.416 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

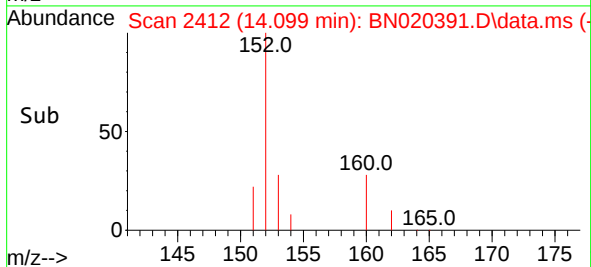
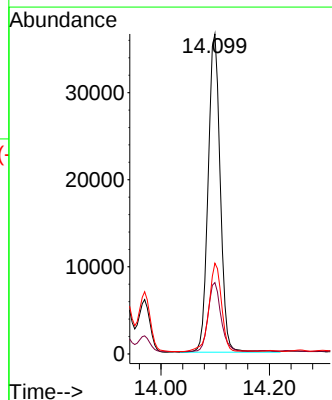
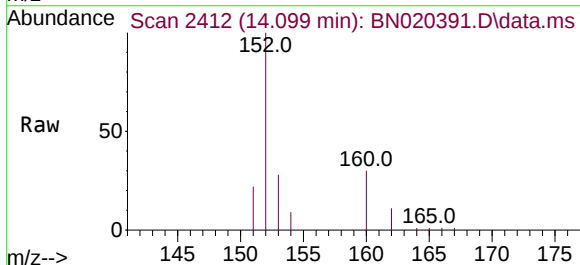
Instrument :
BNA_N
ClientSampleId :
C0AA2

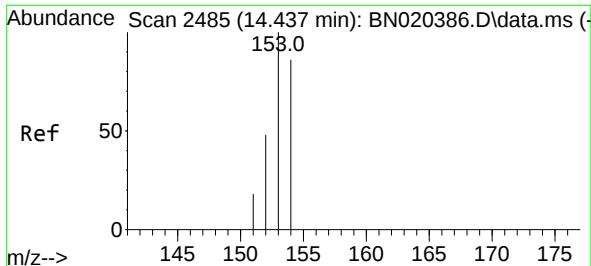
Tgt Ion:142 Resp: 13330
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5



#10
Acenaphthylene
Concen: 1.185 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Tgt Ion:152 Resp: 56733
Ion Ratio Lower Upper
152 100
151 22.3 16.5 24.7
153 28.4 11.1 16.7#

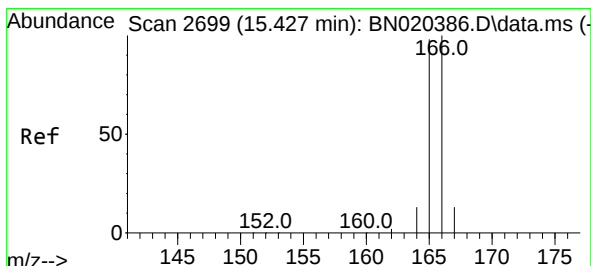
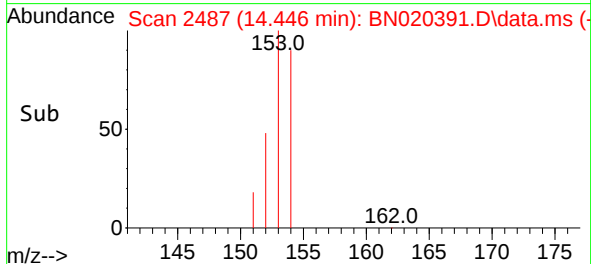
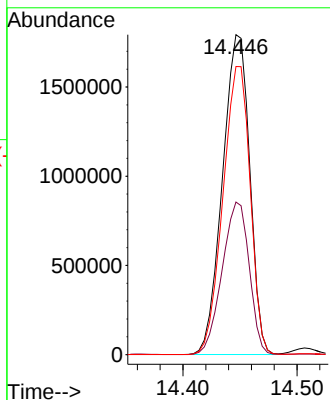
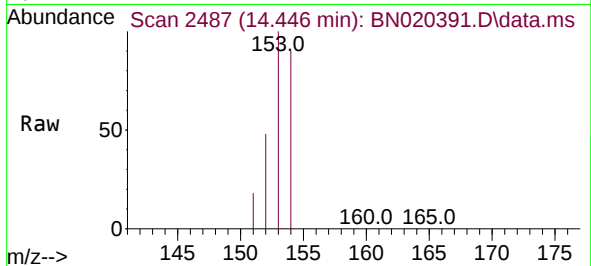




#11
Acenaphthene
Concen: 77.922 ng/ul
RT: 14.446 min Scan# 2485
Delta R.T. 0.006 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

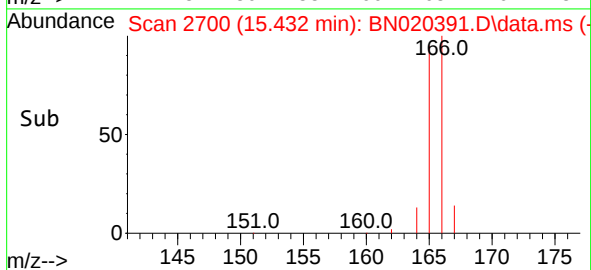
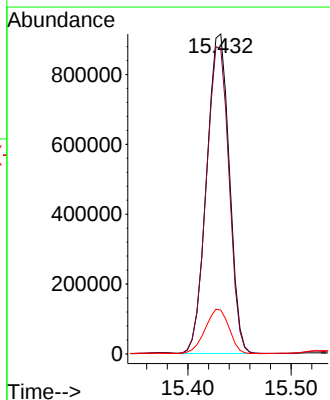
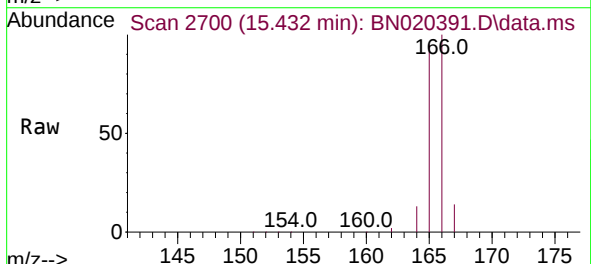
Instrument :
BNA_N
ClientSampleId :
C0AA2

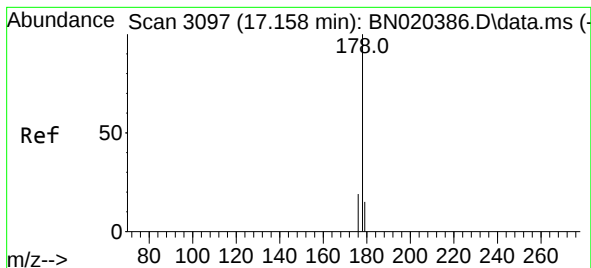
Tgt Ion:153 Resp: 2986104
Ion Ratio Lower Upper
153 100
152 47.7 40.0 60.0
154 90.0 70.0 105.0



#12
Fluorene
Concen: 30.802 ng/ul
RT: 15.432 min Scan# 2700
Delta R.T. 0.001 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Tgt Ion:166 Resp: 1398935
Ion Ratio Lower Upper
166 100
165 95.4 78.2 117.2
167 13.7 11.3 16.9





#15

Phenanthrene

Concen: 0.780 ng/ul

RT: 17.158 min Scan# 3097

Delta R.T. -0.003 min

Lab File: BN020391.D

Acq: 24 Jun 2022 11:11

Instrument :

BNA_N

ClientSampleId :

C0AA2

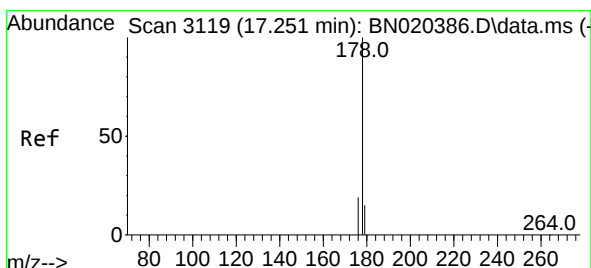
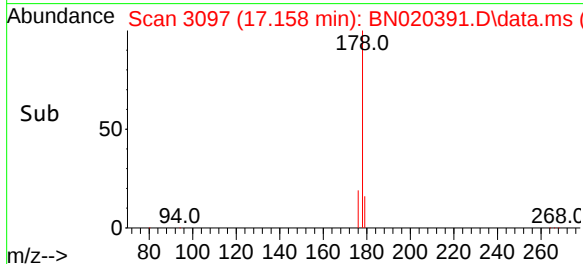
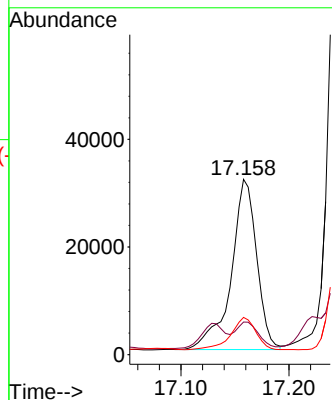
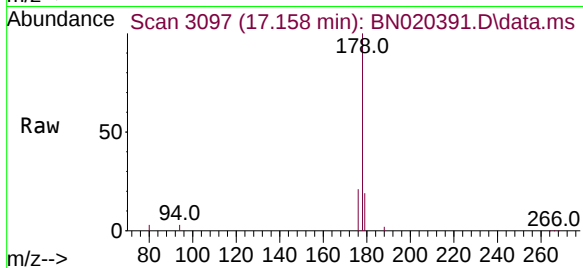
Tgt Ion:178 Resp: 52189

Ion Ratio Lower Upper

178 100

179 18.6 12.6 18.8

176 21.2 15.8 23.6



#16

Anthracene

Concen: 4.061 ng/ul

RT: 17.251 min Scan# 3119

Delta R.T. -0.003 min

Lab File: BN020391.D

Acq: 24 Jun 2022 11:11

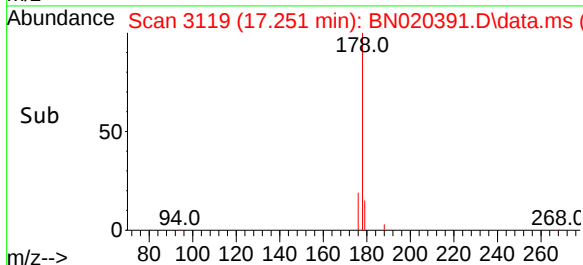
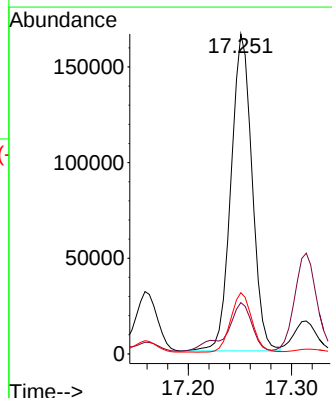
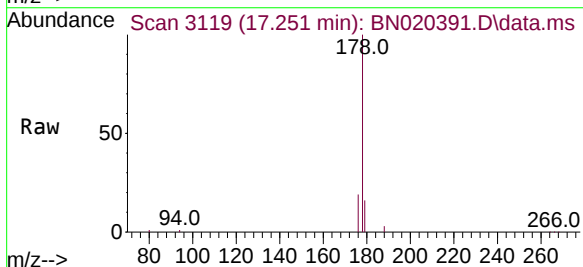
Tgt Ion:178 Resp: 234477

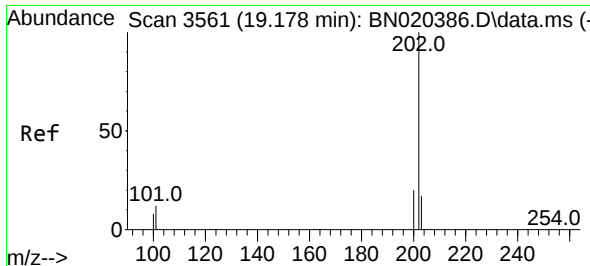
Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.1 15.2 22.8

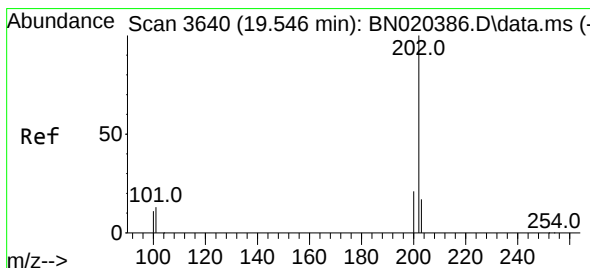
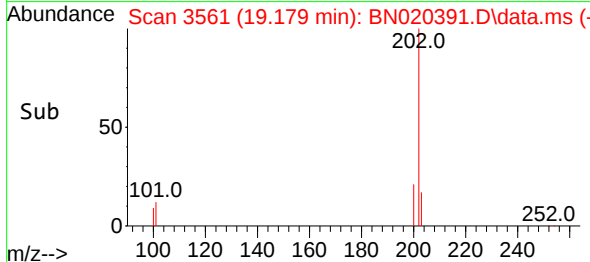
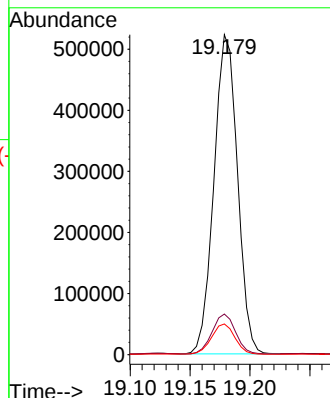
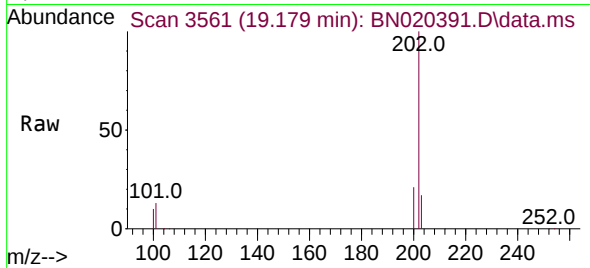




#19
Fluoranthene
Concen: 8.489 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

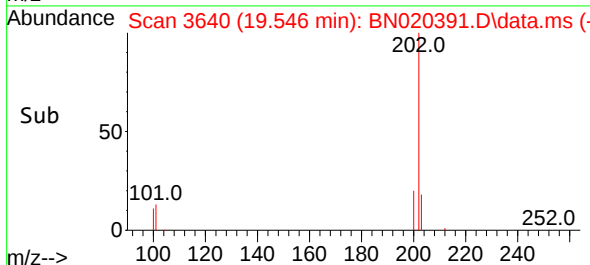
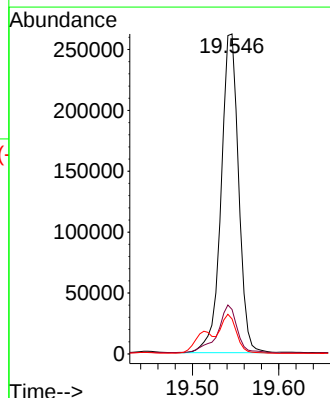
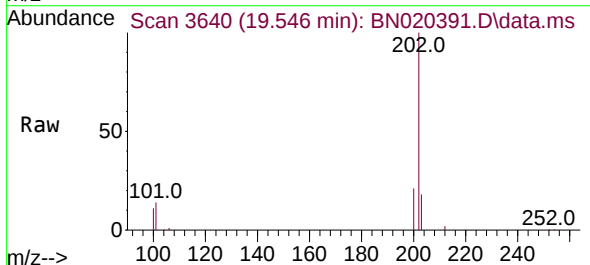
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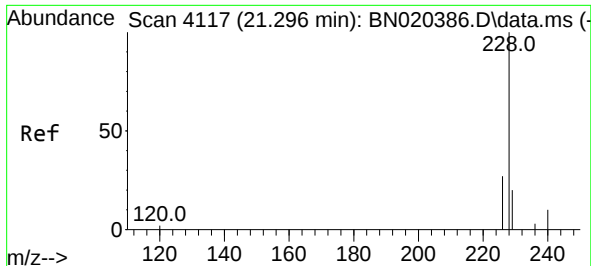
Tgt Ion:202 Resp: 713828
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.6 7.8 11.6



#20
Pyrene
Concen: 4.208 ng/ul
RT: 19.546 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Tgt Ion:202 Resp: 367085
Ion Ratio Lower Upper
202 100
101 13.9 11.6 17.4
100 10.9 9.2 13.8

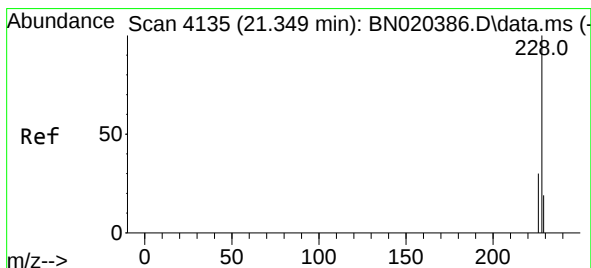
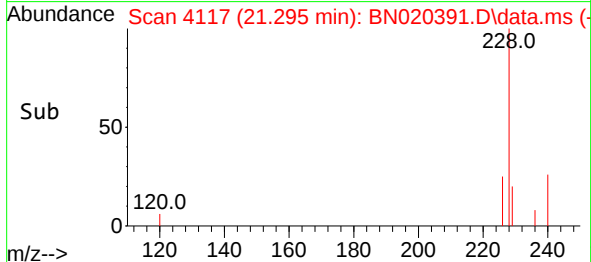
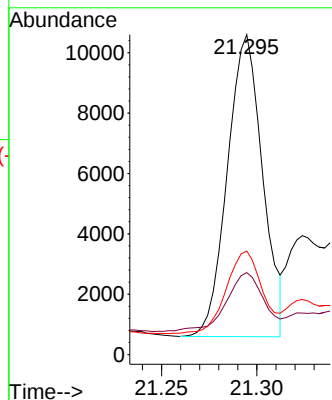
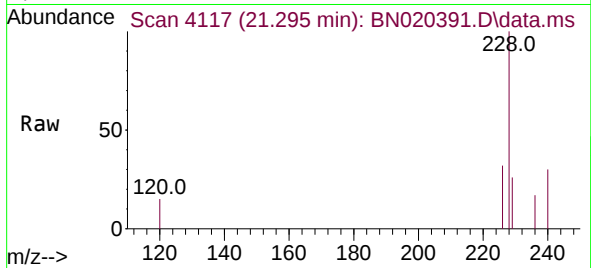




#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Instrument :
BNA_N
ClientSampleId :
C0AA2

Tgt Ion:228 Resp: 12850
Ion Ratio Lower Upper
228 100
229 25.6 15.9 23.9#
226 32.4 22.2 33.2



#22
Chrysene
Concen: 0.110 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020391.D
Acq: 24 Jun 2022 11:11

Tgt Ion:228 Resp: 8101
Ion Ratio Lower Upper
228 100
226 42.4 23.9 35.9#
229 38.1 15.8 23.8#

