

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019895.D
 Acq On : 21 May 2022 07:24
 Operator : CG/JU
 Sample : N2843-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H4

Quant Time: May 23 01:47:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

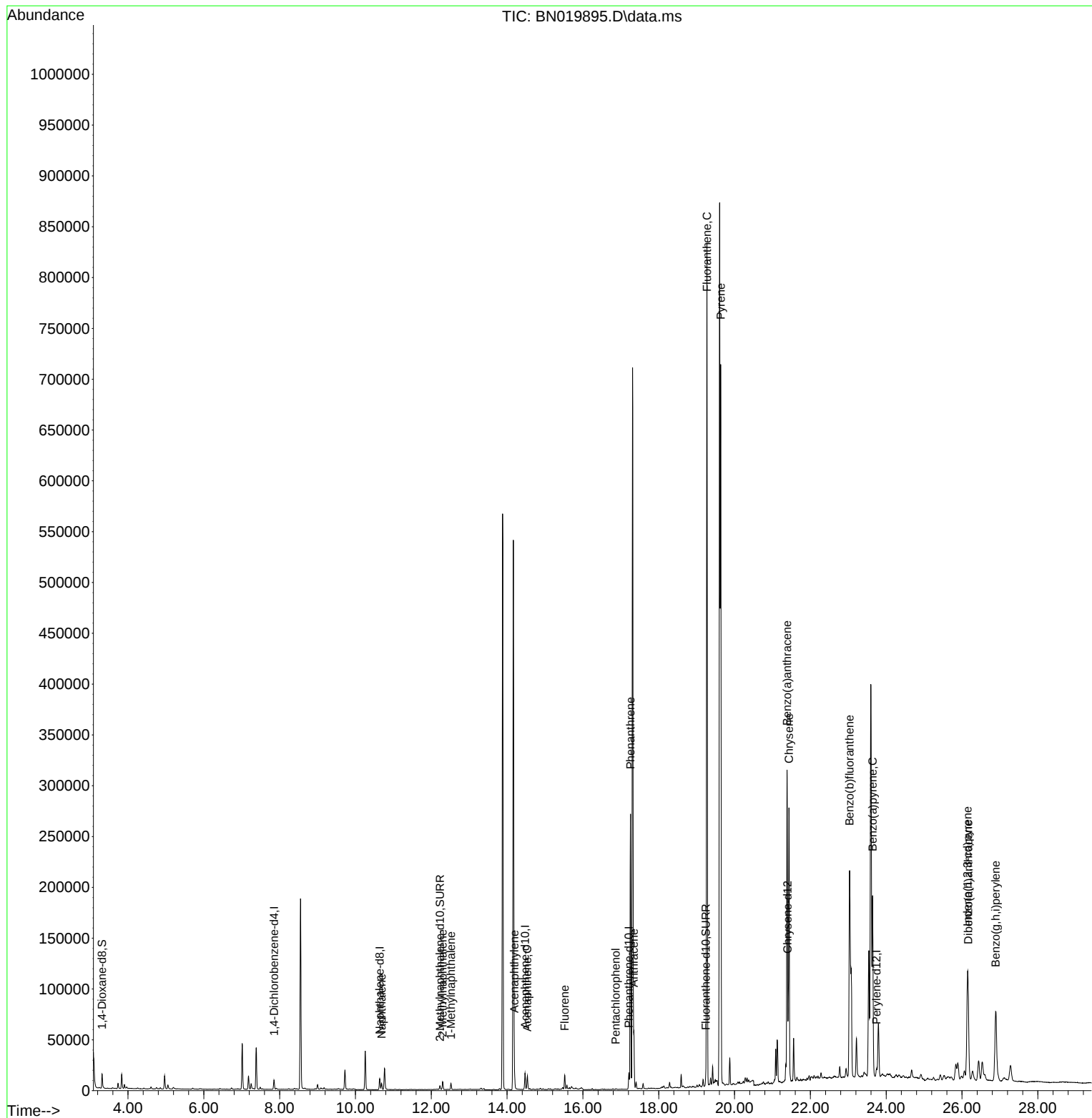
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	19119	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	13704	0.400	ng/ul	# 0.00
23) Perylene-d12	23.743	264	10278	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	9479	1.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	4916	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	11552	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	8637	0.178	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	5600	0.190	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	4158	0.152	ng/ul#	100
10) Acenaphthylene	14.192	152	19834	0.439	ng/ul	99
11) Acenaphthene	14.534	153	8114	0.224	ng/ul	98
12) Fluorene	15.520	166	8935	0.224	ng/ul	99
14) Pentachlorophenol	16.867	266	306	0.074	ng/ul#	82
15) Phenanthrene	17.255	178	295710	4.204	ng/ul	99
16) Anthracene	17.344	178	54806	0.955	ng/ul	99
19) Fluoranthene	19.271	202	718701	11.458	ng/ul	98
20) Pyrene	19.634	202	597027	9.536	ng/ul	99
21) Benzo(a)anthracene	21.384	228	276302	5.395	ng/ul	98
22) Chrysene	21.436	228	269648	4.468	ng/ul	97
24) Benzo(b)fluoranthene	23.035	252	477144	9.149	ng/ul	93
26) Benzo(a)pyrene	23.640	252	249603	5.619	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.149	276	194377	3.508	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.163	278	40163	0.867	ng/ul#	81
29) Benzo(g,h,i)perylene	26.891	276	153444	3.029	ng/ul	98

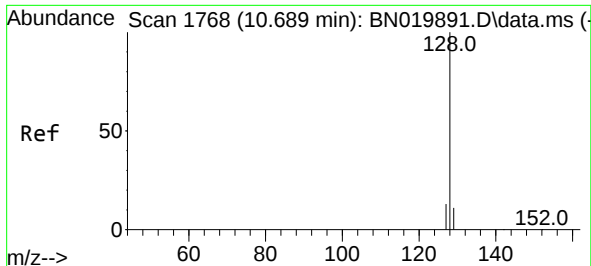
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
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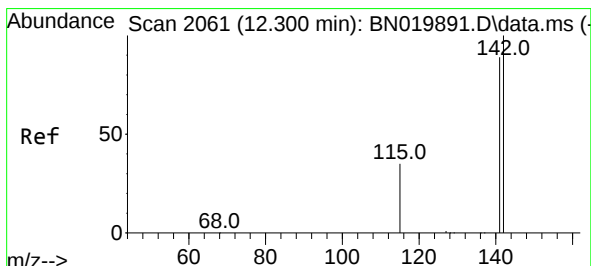
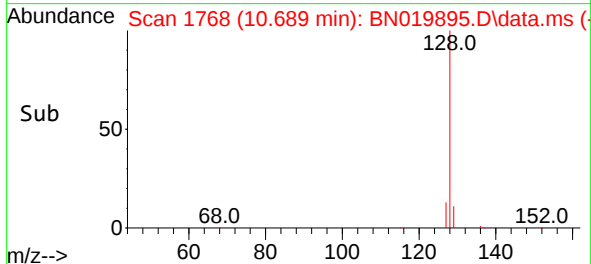
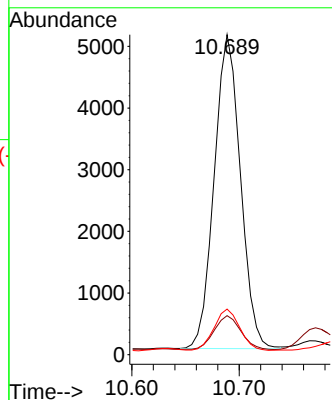
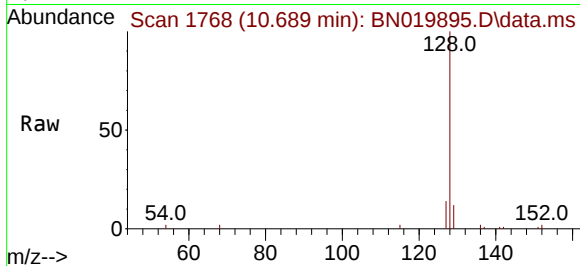




#5
Naphthalene
Concen: 0.178 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

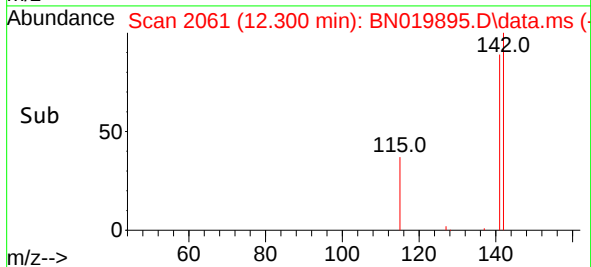
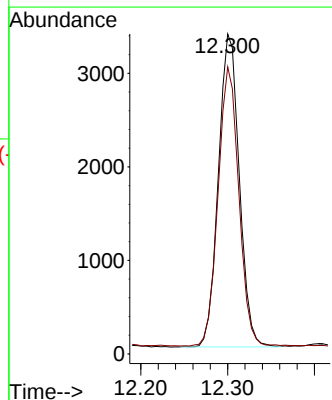
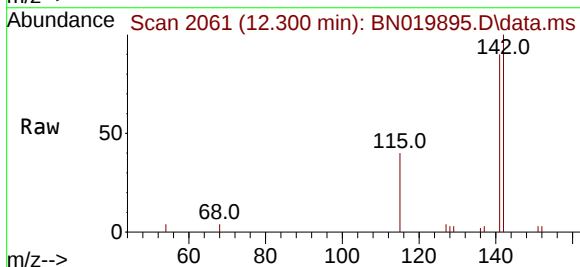
Instrument :
BNA_N
ClientSampleId :
EW4H4

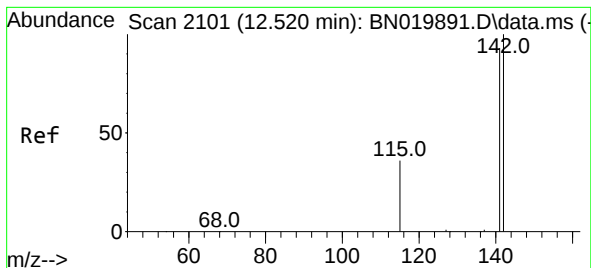
Tgt Ion:128 Resp: 8637
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.2 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

Tgt Ion:142 Resp: 5600
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#





#8

1-Methylnaphthalene

Concen: 0.152 ng/ul

RT: 12.520 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

Instrument :

BNA_N

ClientSampleId :

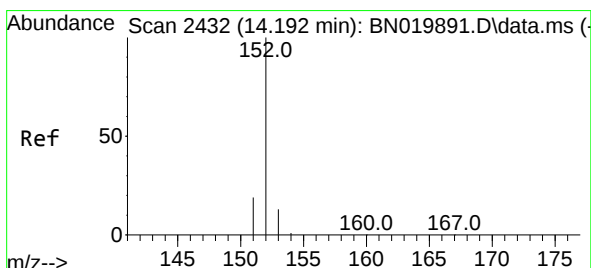
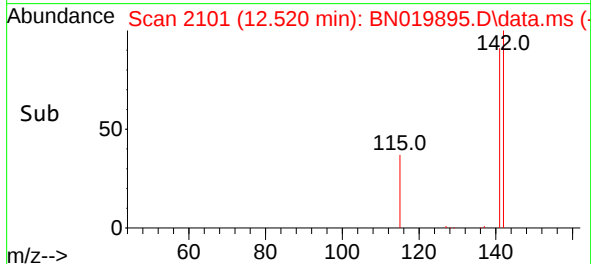
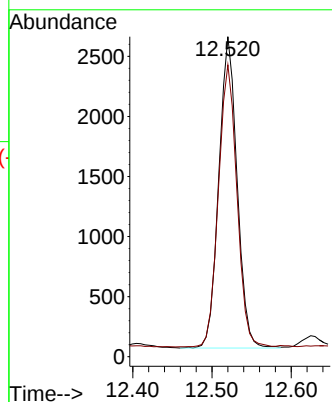
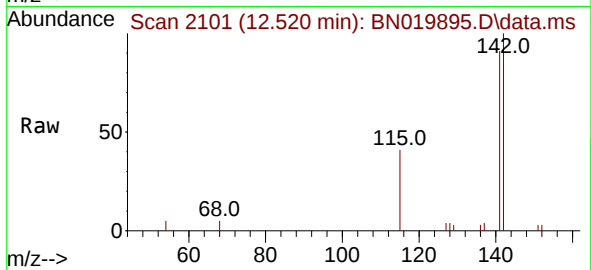
EW4H4

Tgt Ion:142 Resp: 4158

Ion Ratio Lower Upper

142 100

141 91.7 0.0 0.0#



#10

Acenaphthylene

Concen: 0.439 ng/ul

RT: 14.192 min Scan# 2432

Delta R.T. -0.005 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

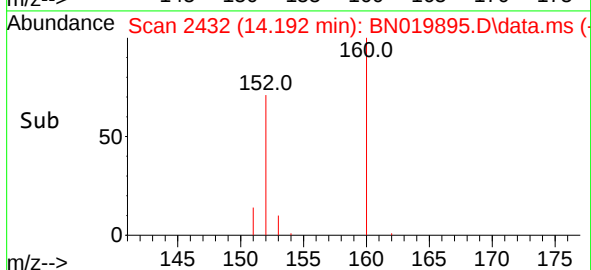
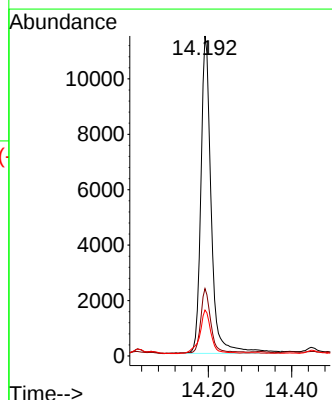
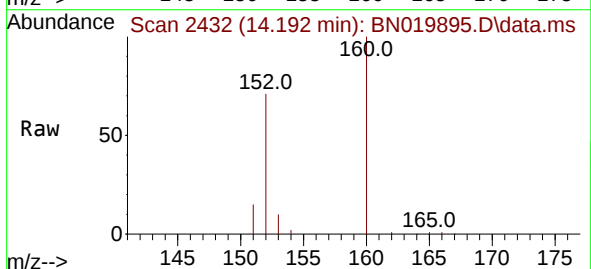
Tgt Ion:152 Resp: 19834

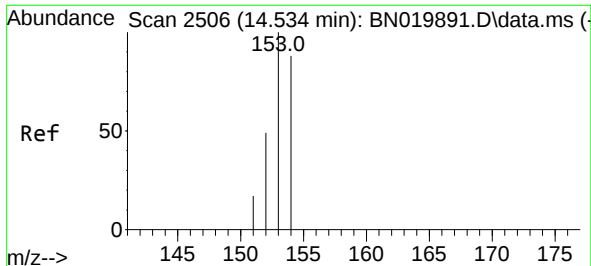
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 14.3 11.1 16.7

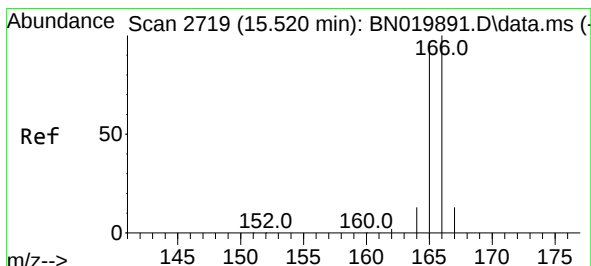
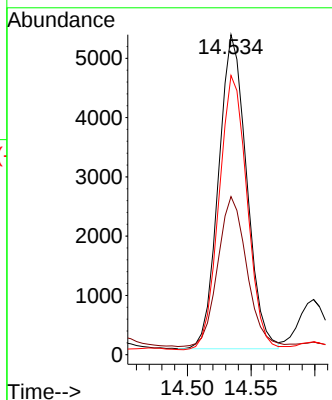
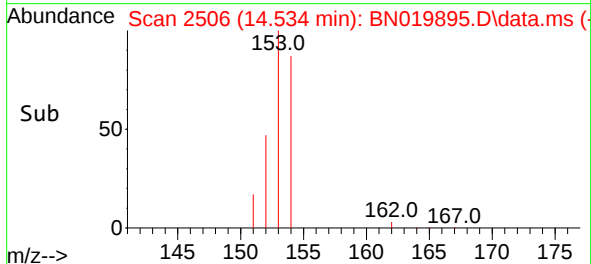
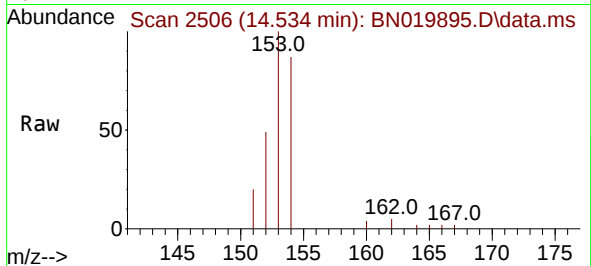




#11
Acenaphthene
Concen: 0.224 ng/ul
RT: 14.534 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

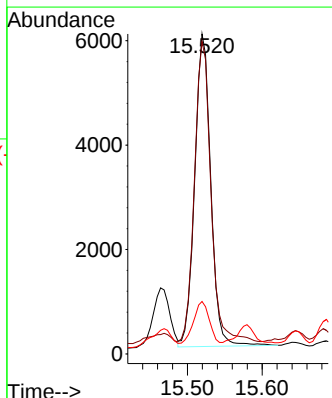
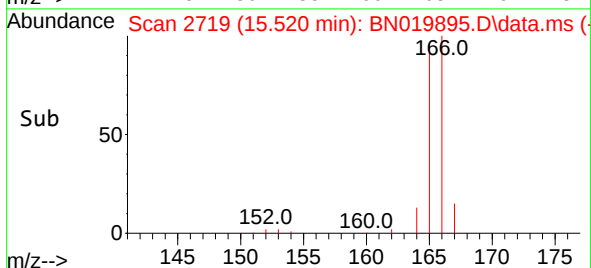
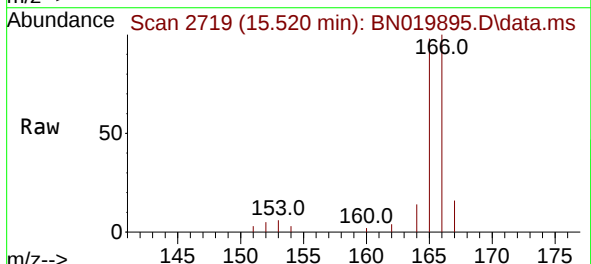
Instrument :
BNA_N
ClientSampleId :
EW4H4

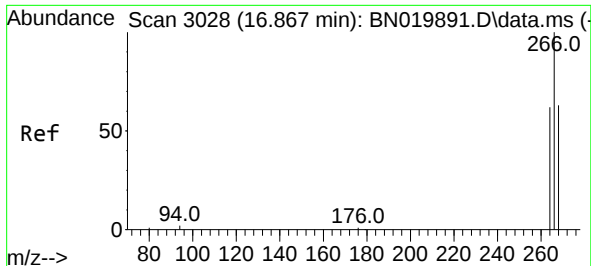
Tgt Ion:153 Resp: 8114
Ion Ratio Lower Upper
153 100
152 49.4 38.6 57.8
154 87.3 71.2 106.8



#12
Fluorene
Concen: 0.224 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

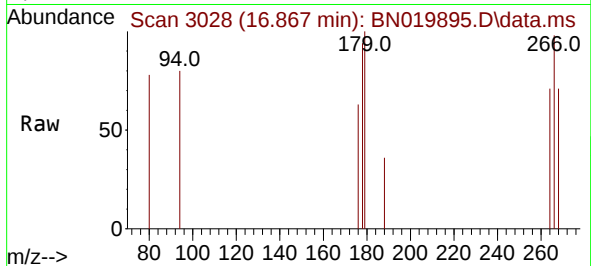
Tgt Ion:166 Resp: 8935
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 16.4 11.3 16.9



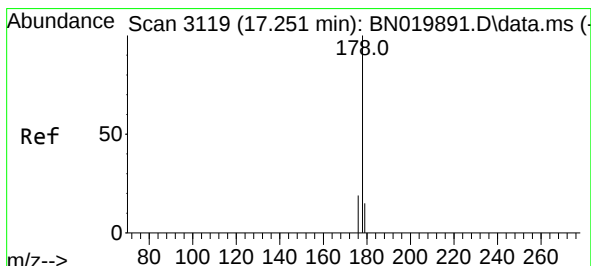
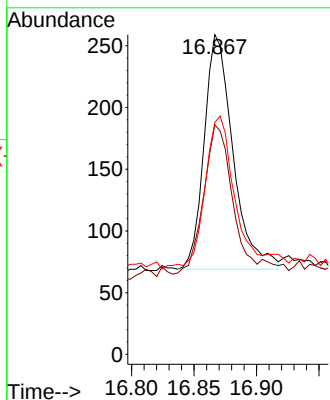
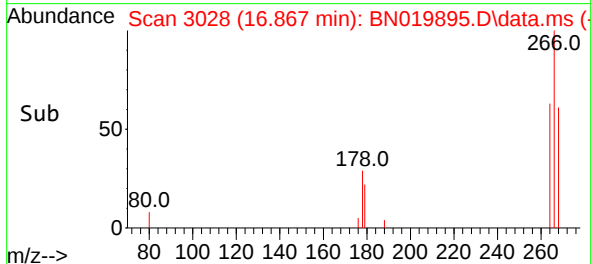


#14
Pentachlorophenol
Concen: 0.074 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

Instrument :
BNA_N
ClientSampleId :
EW4H4

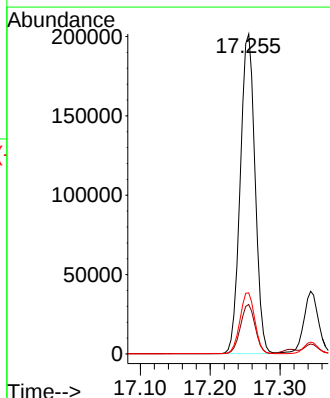
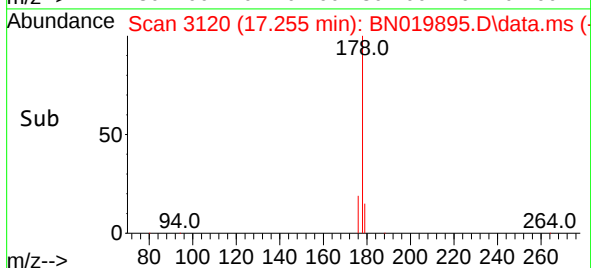
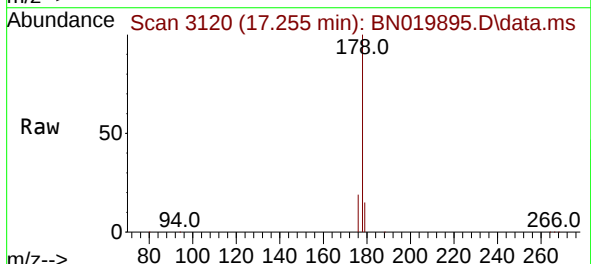


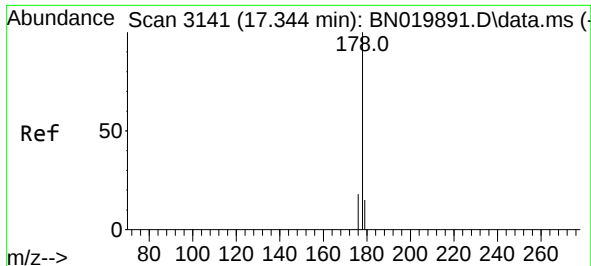
Tgt Ion:266 Resp: 306
Ion Ratio Lower Upper
266 100
264 68.0 44.9 67.3#
268 70.3 44.6 67.0#



#15
Phenanthrene
Concen: 4.204 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

Tgt Ion:178 Resp: 295710
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.1 15.5 23.3

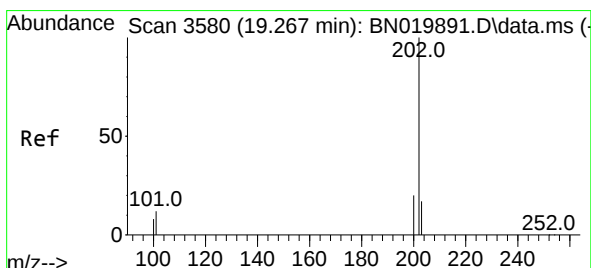
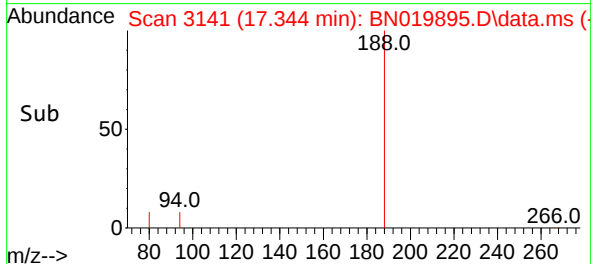
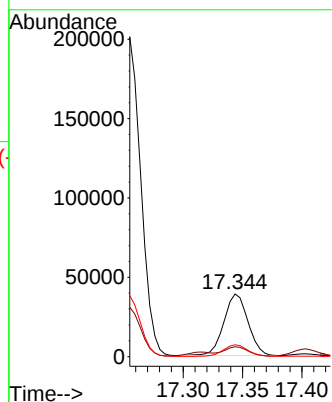
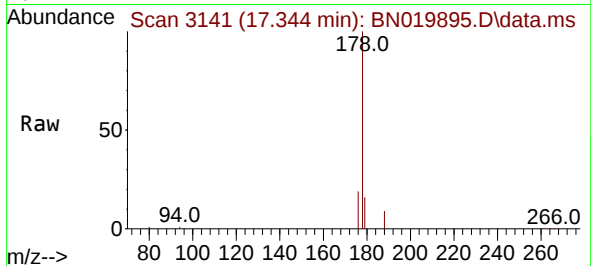




#16
 Anthracene
 Concen: 0.955 ng/ul
 RT: 17.344 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BN019895.D
 Acq: 21 May 2022 07:24

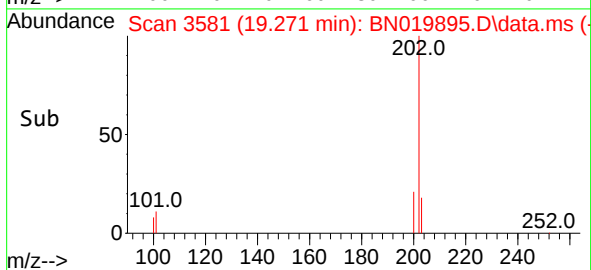
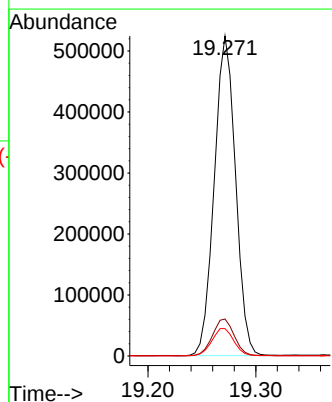
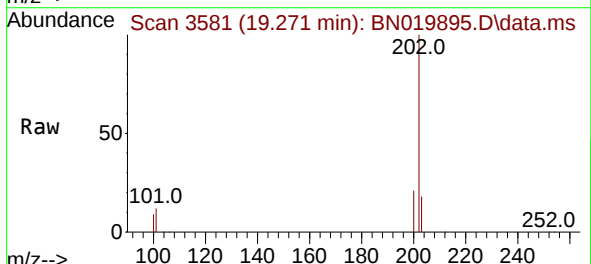
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 EW4H4

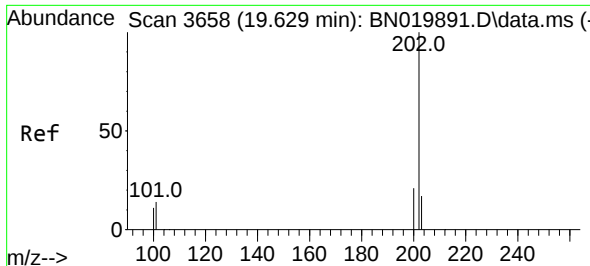
Tgt Ion:178 Resp: 54806
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 18.9 15.3 22.9



#19
 Fluoranthene
 Concen: 11.458 ng/ul
 RT: 19.271 min Scan# 3581
 Delta R.T. 0.000 min
 Lab File: BN019895.D
 Acq: 21 May 2022 07:24

Tgt Ion:202 Resp: 718701
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.7 14.5
 100 8.5 7.4 11.2





#20

Pyrene

Concen: 9.536 ng/u1

RT: 19.634 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

Instrument :

BNA_N

ClientSampleId :

EW4H4

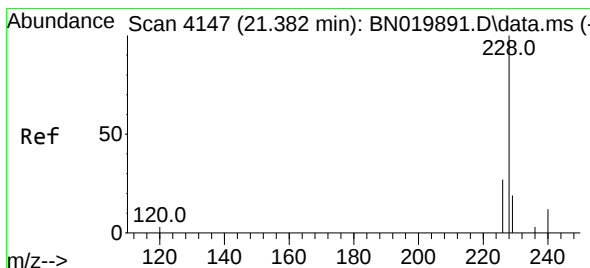
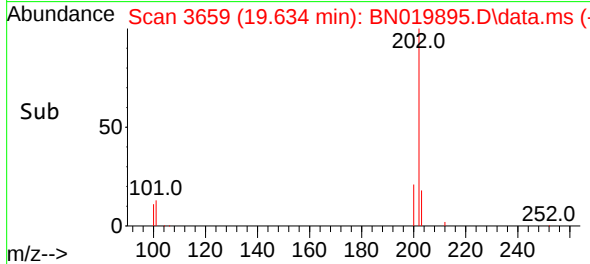
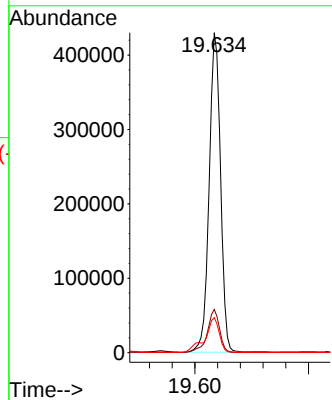
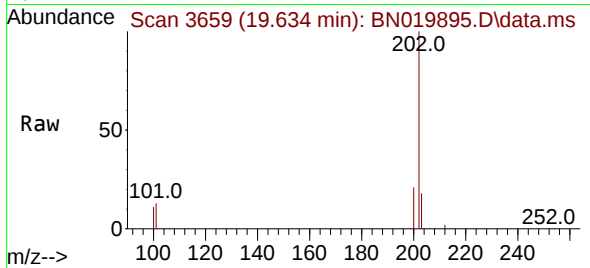
Tgt Ion:202 Resp: 597027

Ion Ratio Lower Upper

202 100

101 13.5 11.4 17.0

100 10.9 9.0 13.4



#21

Benzo(a)anthracene

Concen: 5.395 ng/u1

RT: 21.384 min Scan# 4147

Delta R.T. -0.004 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

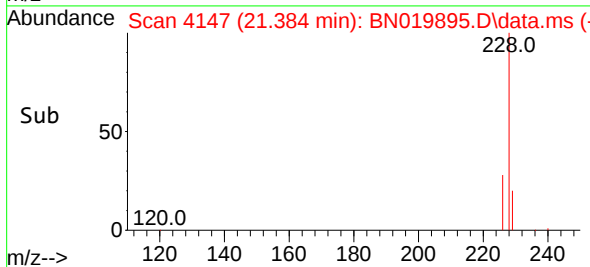
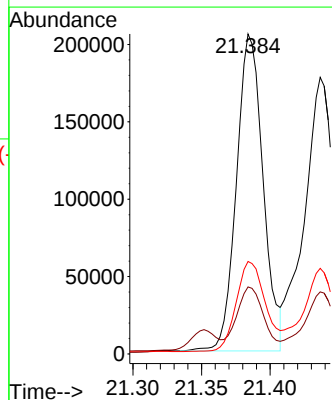
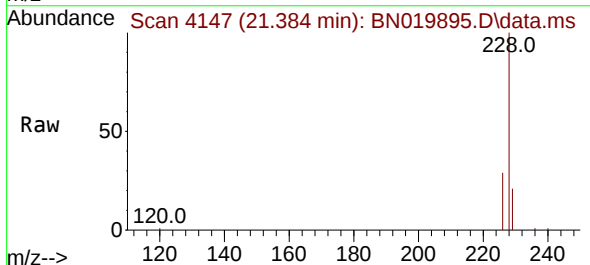
Tgt Ion:228 Resp: 276302

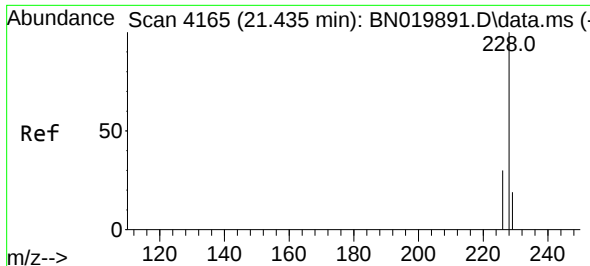
Ion Ratio Lower Upper

228 100

229 21.0 16.1 24.1

226 28.9 22.1 33.1





#22

Chrysene

Concen: 4.468 ng/ul

RT: 21.436 min Scan# 41

Delta R.T. -0.004 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

Instrument :

BNA_N

ClientSampleId :

EW4H4

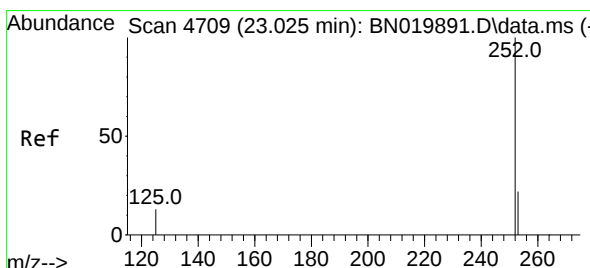
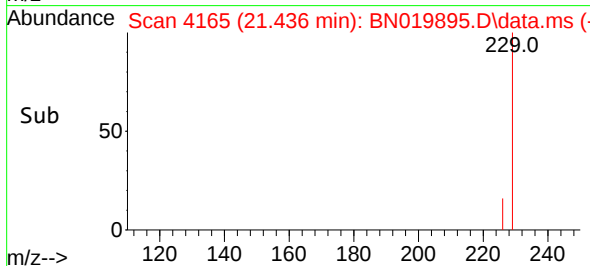
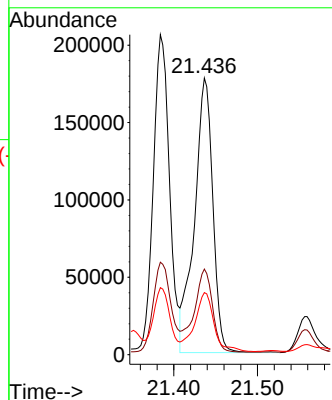
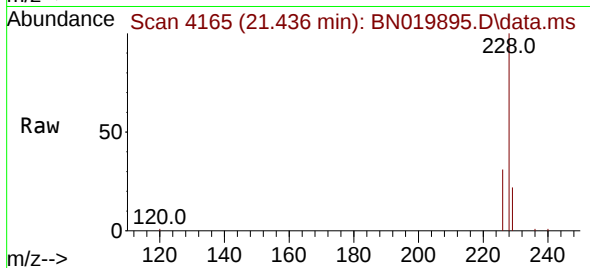
Tgt Ion:228 Resp: 269648

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 22.5 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 9.149 ng/ul

RT: 23.035 min Scan# 4712

Delta R.T. 0.002 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

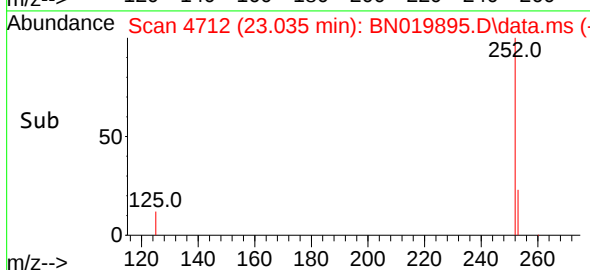
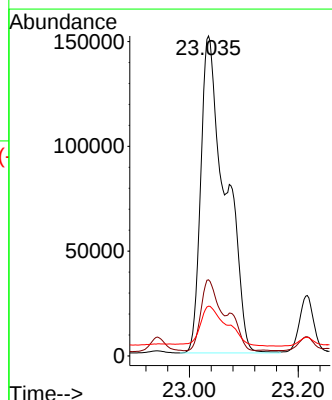
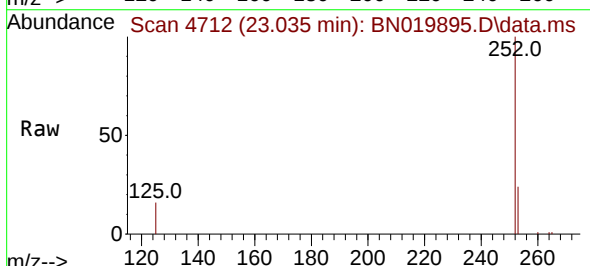
Tgt Ion:252 Resp: 477144

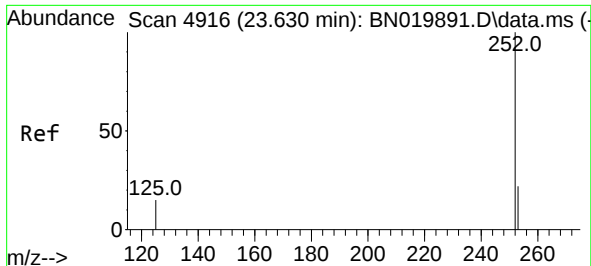
Ion Ratio Lower Upper

252 100

253 23.8 0.0 52.0

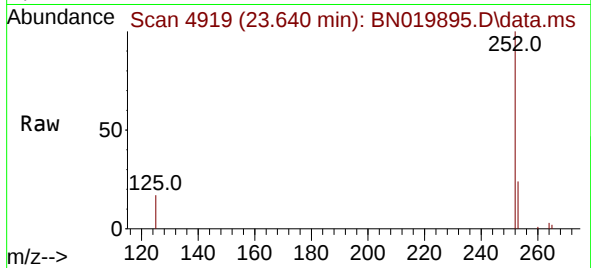
125 15.5 0.0 40.2



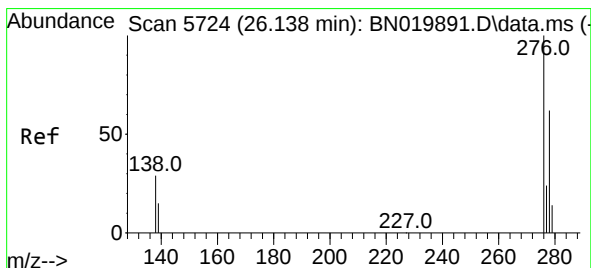
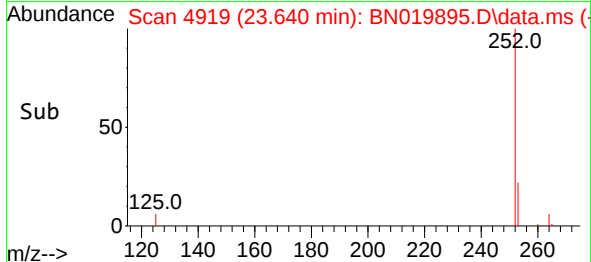
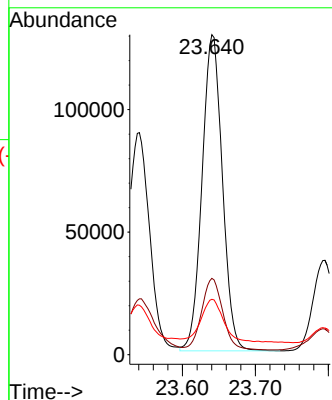


#26
Benzo(a)pyrene
Concen: 5.619 ng/ul
RT: 23.640 min Scan# 4916
Delta R.T. 0.002 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

Instrument :
BNA_N
ClientSampleId :
EW4H4

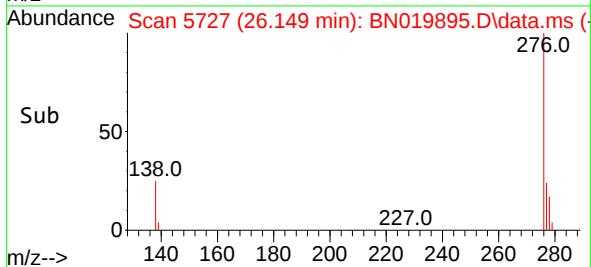
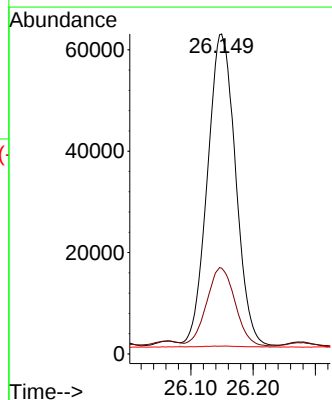
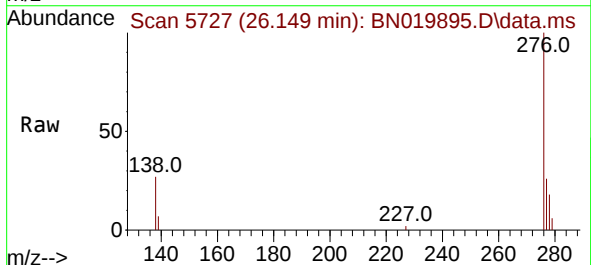


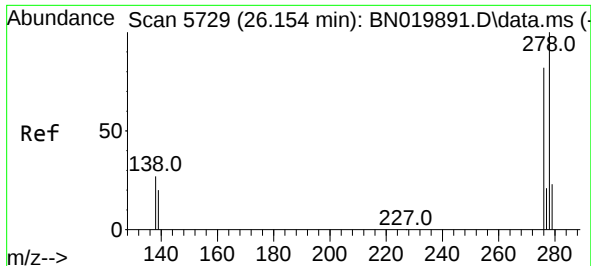
Tgt Ion:252 Resp: 249603
Ion Ratio Lower Upper
252 100
253 23.9 23.4 35.0
125 17.3 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.508 ng/ul
RT: 26.149 min Scan# 5727
Delta R.T. 0.002 min
Lab File: BN019895.D
Acq: 21 May 2022 07:24

Tgt Ion:276 Resp: 194377
Ion Ratio Lower Upper
276 100
138 25.0 23.6 35.4
227 0.5 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.867 ng/ul

RT: 26.163 min Scan# 51

Delta R.T. -0.002 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

Instrument :

BNA_N

ClientSampleId :

EW4H4

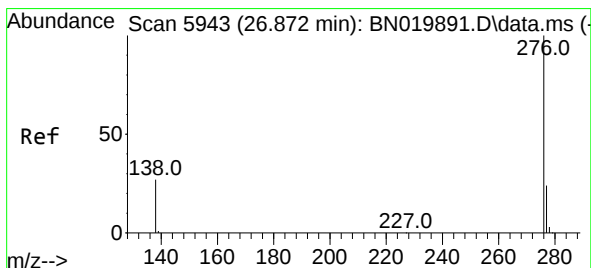
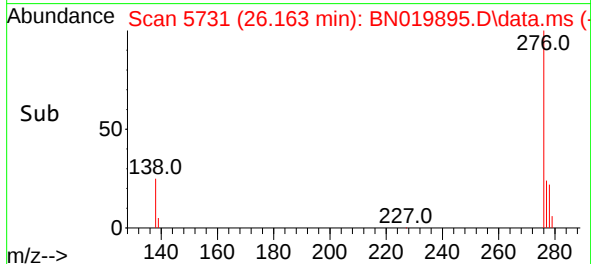
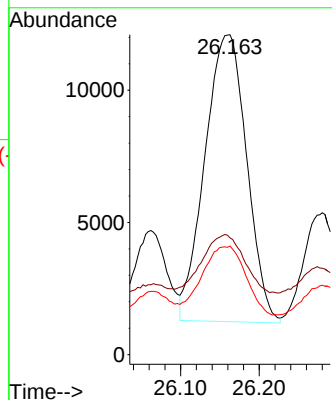
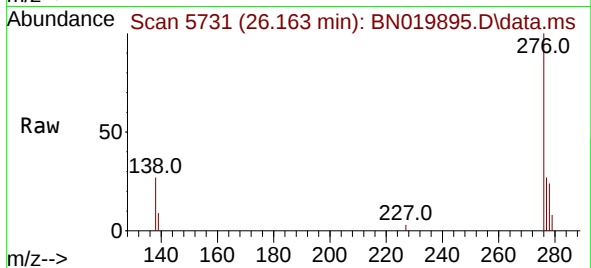
Tgt Ion:278 Resp: 40163

Ion Ratio Lower Upper

278 100

139 36.5 18.6 28.0#

279 34.0 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 3.029 ng/ul

RT: 26.891 min Scan# 5948

Delta R.T. 0.012 min

Lab File: BN019895.D

Acq: 21 May 2022 07:24

Tgt Ion:276 Resp: 153444

Ion Ratio Lower Upper

276 100

138 28.0 20.9 31.3

277 25.9 20.4 30.6

