

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022191.D
 Acq On : 19 Oct 2022 11:23
 Operator : CG/JU
 Sample : SST0.247
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2203

Quant Time: Oct 19 23:21:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:19:45 2022
 Response via : Initial Calibration

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

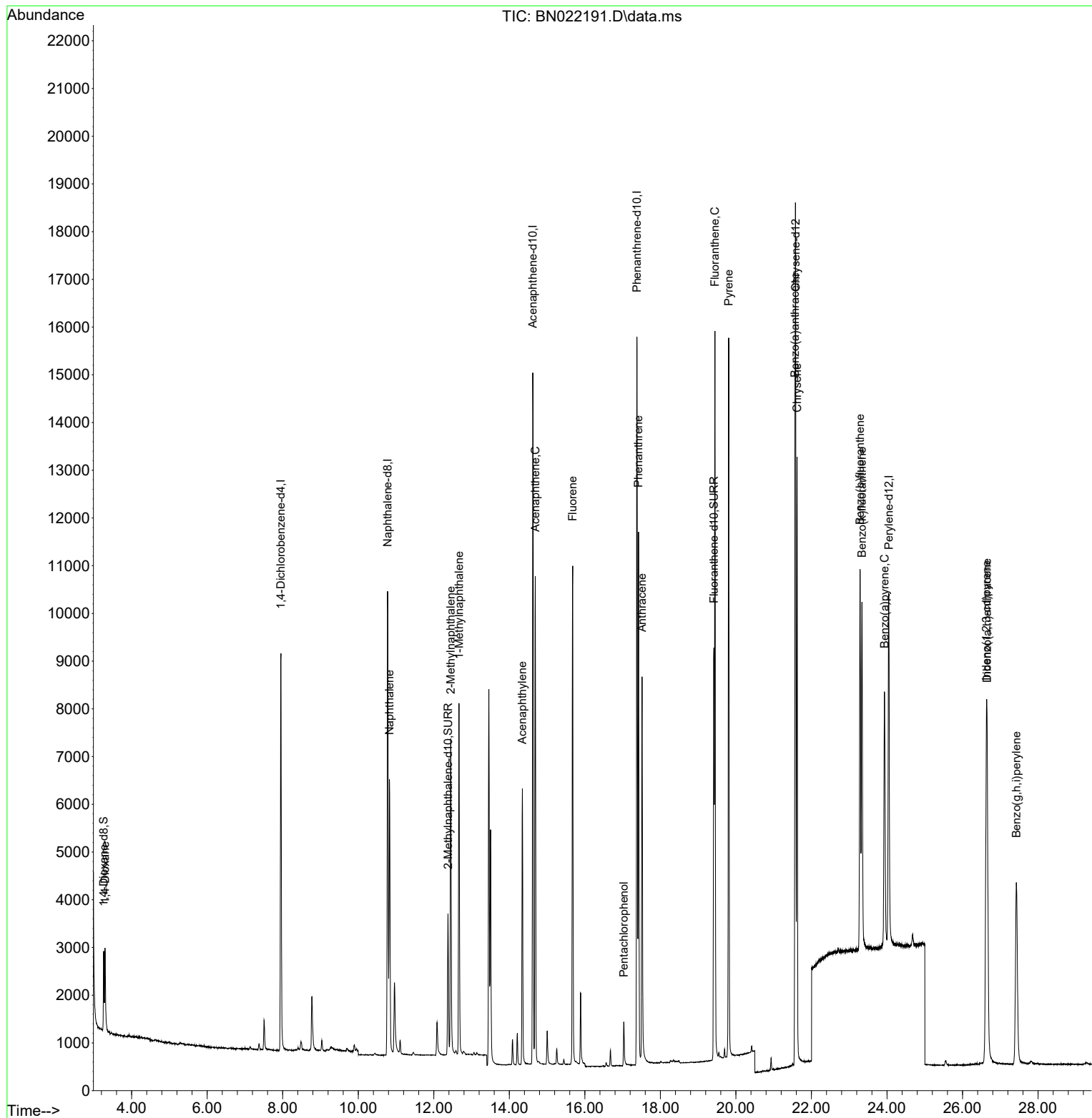
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	13897	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	7896	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	17554	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	13823	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	10927	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	1213	0.213	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	4154	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	9275	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	1217	0.209	ng/ul#	87
5) Naphthalene	10.827	128	8190	0.209	ng/ul	99
7) 2-Methylnaphthalene	12.450	142	5120	0.201	ng/ul	99
8) 1-Methylnaphthalene	12.669	142	5285	0.202	ng/ul	100
10) Acenaphthylene	14.346	152	6960	0.210	ng/ul	99
11) Acenaphthene	14.688	153	5935	0.211	ng/ul	99
12) Fluorene	15.678	166	6863	0.218	ng/ul	98
14) Pentachlorophenol	17.032	266	716	0.211	ng/ul	100
15) Phenanthrene	17.421	178	11726	0.212	ng/ul	99
16) Anthracene	17.514	178	9613	0.209	ng/ul	98
19) Fluoranthene	19.444	202	12645	0.196	ng/ul	100
20) Pyrene	19.812	202	12955	0.204	ng/ul	98
21) Benzo(a)anthracene	21.564	228	10282	0.222	ng/ul	98
22) Chrysene	21.620	228	11083	0.219	ng/ul	100
24) Benzo(b)fluoranthene	23.286	252	10783	0.203	ng/ul	93
25) Benzo(k)fluoranthene	23.339	252	10317	0.201	ng/ul#	93
26) Benzo(a)pyrene	23.935	252	8552	0.213	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.632	276	10954	0.242	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.652	278	8678	0.226	ng/ul	95
29) Benzo(g,h,i)perylene	27.426	276	8948	0.215	ng/ul	99

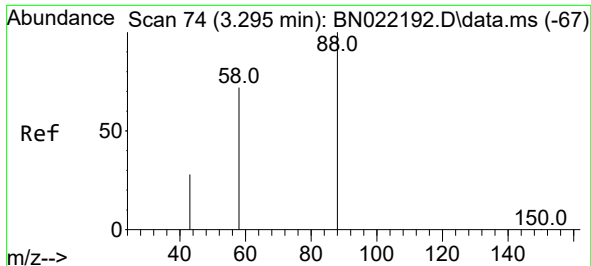
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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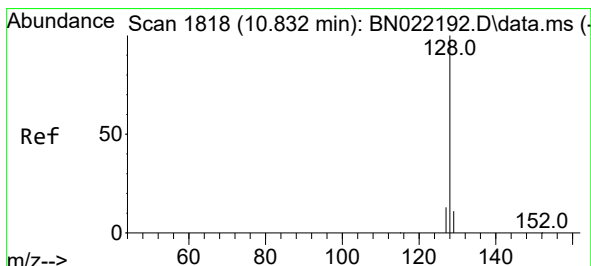
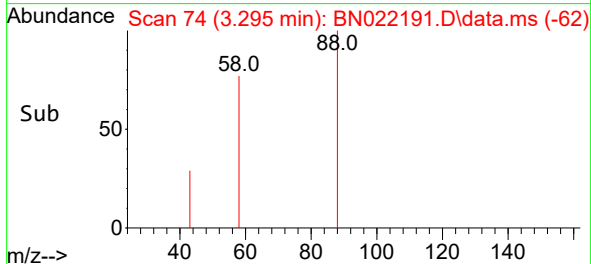
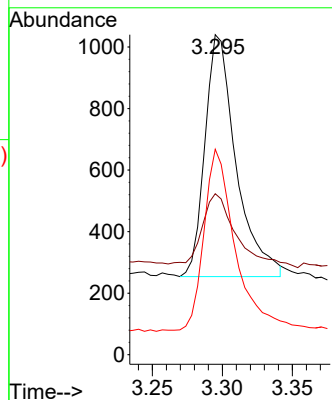
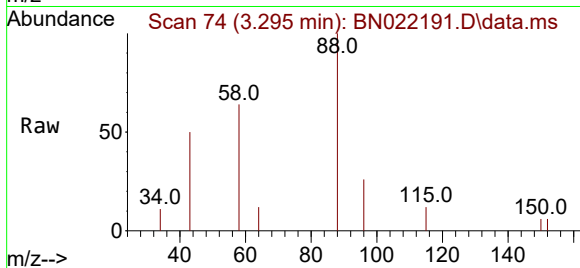




#2
1,4-Dioxane
Concen: 0.209 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

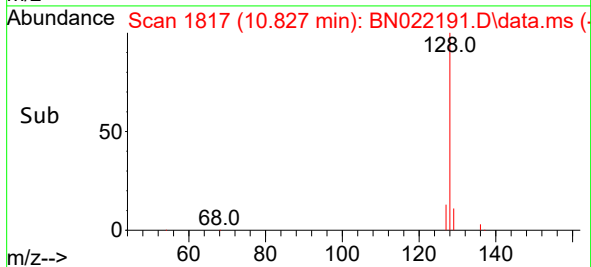
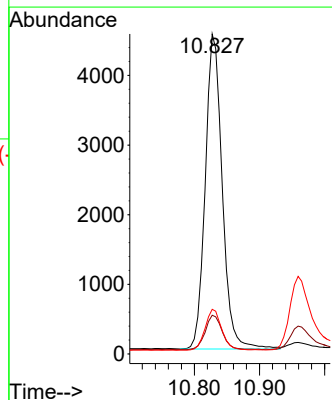
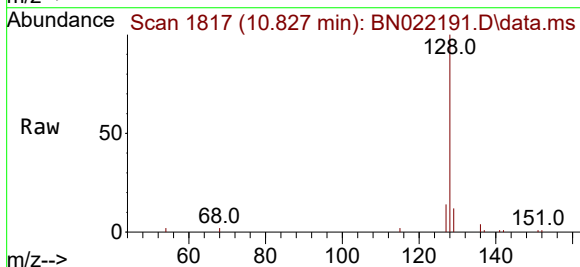
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

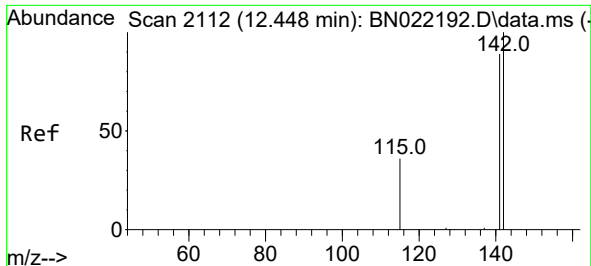
Tgt Ion: 88 Resp: 1217
Ion Ratio Lower Upper
88 100
43 50.3 27.4 41.2#
58 64.2 48.2 72.2



#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion: 128 Resp: 8190
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.0 10.7 16.1

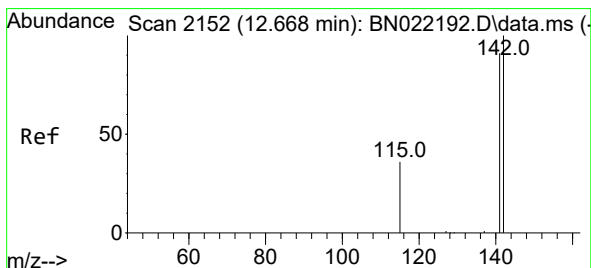
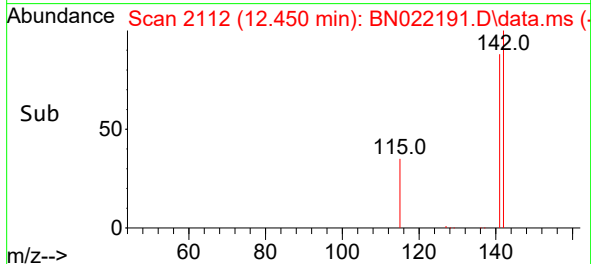
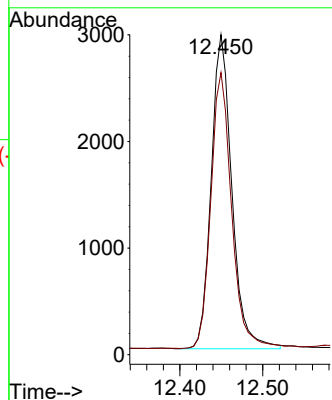
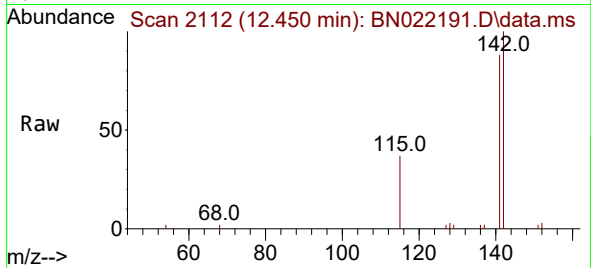




#7
2-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

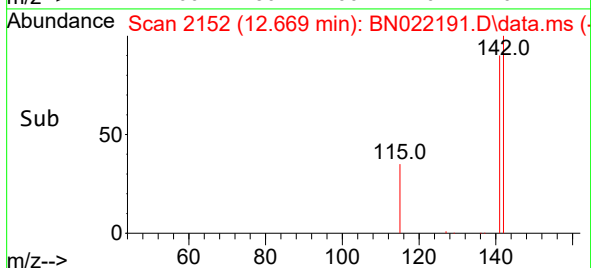
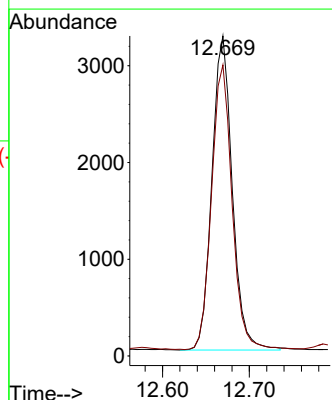
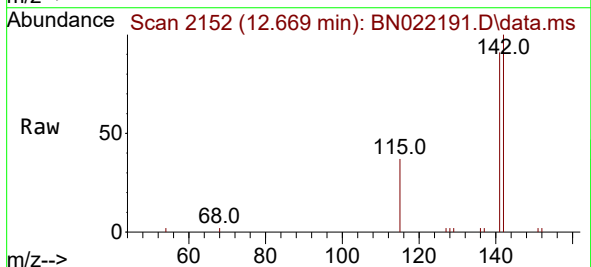
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

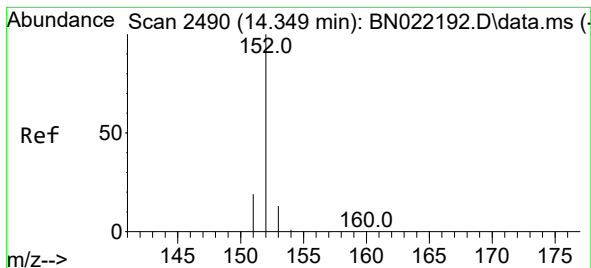
Tgt Ion:142 Resp: 5120
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.669 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:142 Resp: 5285
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9





#10

Acenaphthylene

Concen: 0.210 ng/ul

RT: 14.346 min Scan# 2490

Delta R.T. -0.003 min

Lab File: BN022191.D

Acq: 19 Oct 2022 11:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.2203

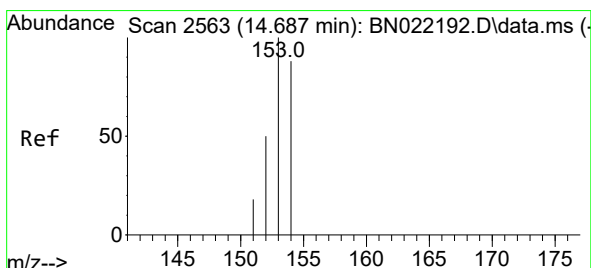
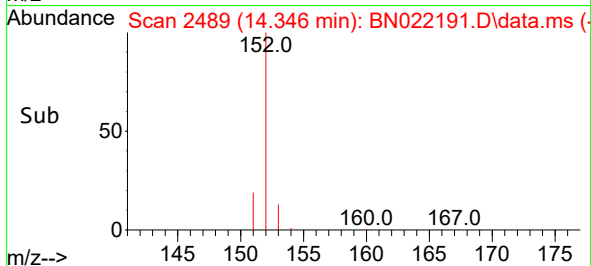
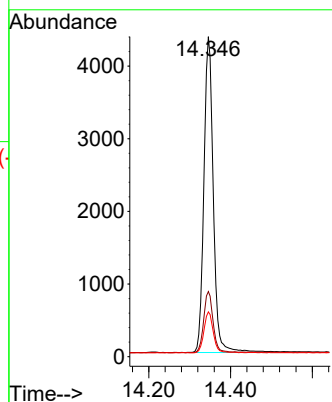
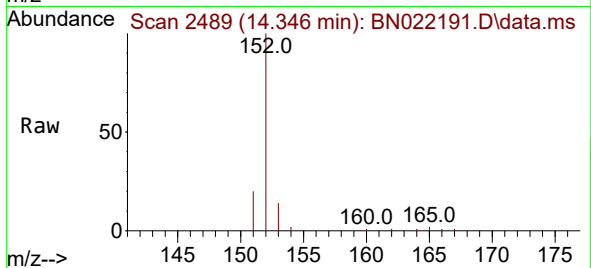
Tgt Ion:152 Resp: 6960

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 14.0 10.8 16.2



#11

Acenaphthene

Concen: 0.211 ng/ul

RT: 14.688 min Scan# 2563

Delta R.T. 0.001 min

Lab File: BN022191.D

Acq: 19 Oct 2022 11:23

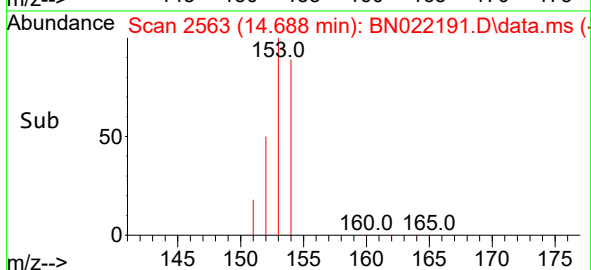
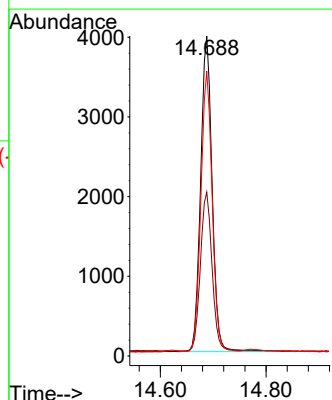
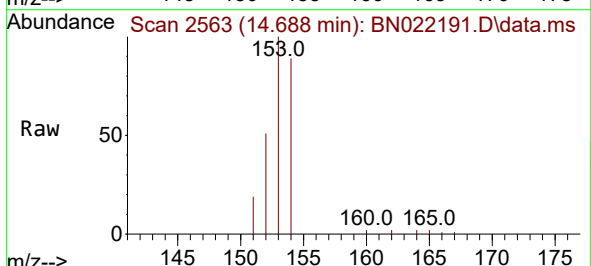
Tgt Ion:153 Resp: 5935

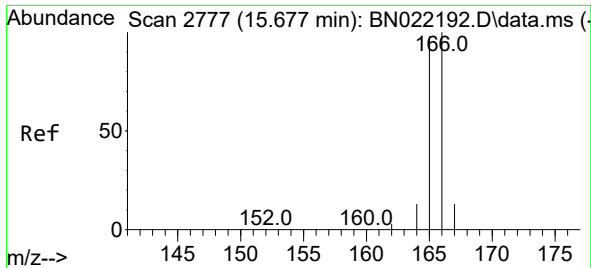
Ion Ratio Lower Upper

153 100

152 51.2 40.6 61.0

154 89.0 70.6 106.0

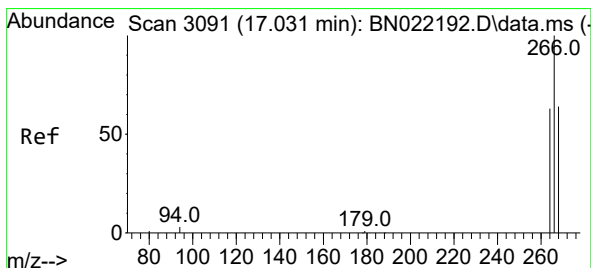
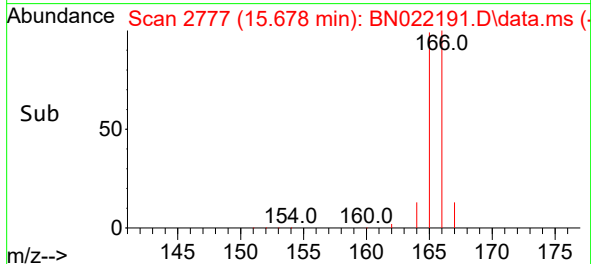
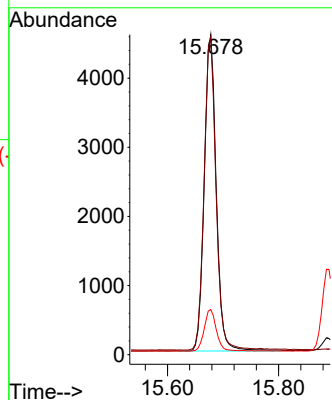
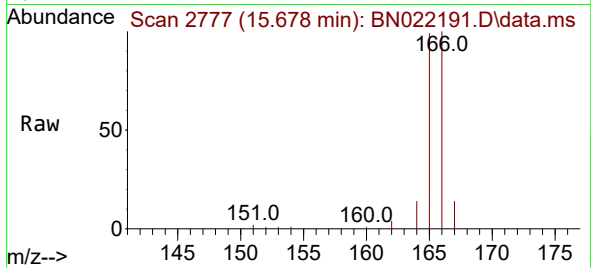




#12
Fluorene
Concen: 0.218 ng/ul
RT: 15.678 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

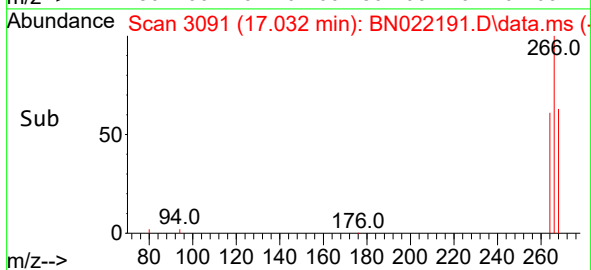
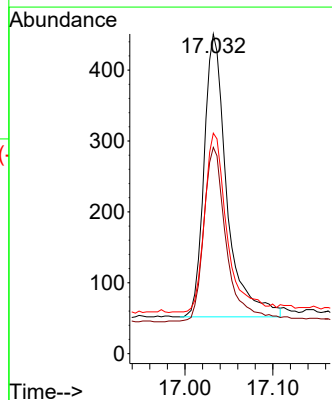
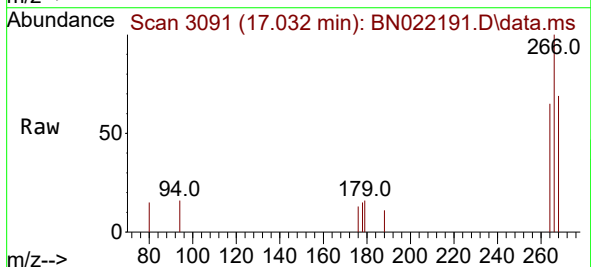
Instrument :
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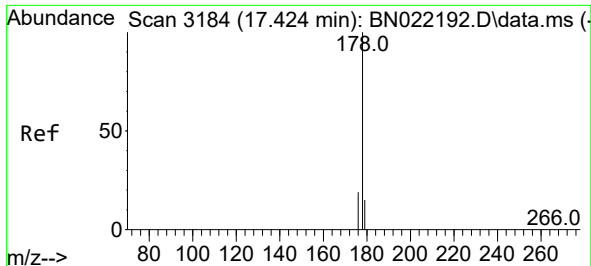
Tgt Ion:166 Resp: 6863
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 14.1 11.0 16.4



#14
Pentachlorophenol
Concen: 0.211 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:266 Resp: 716
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.6
268 64.4 51.4 77.2

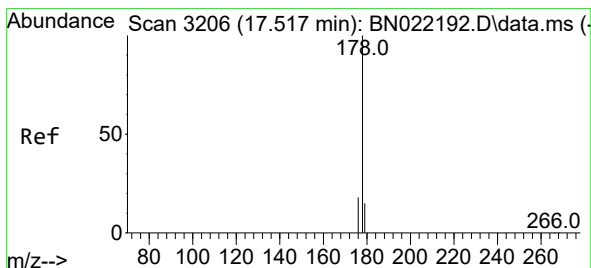
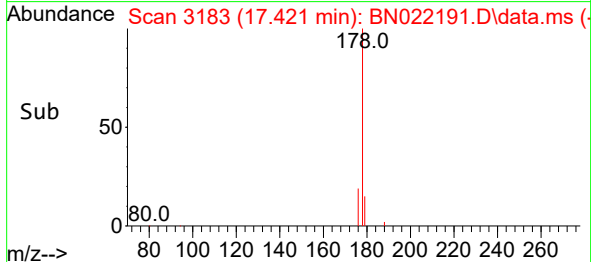
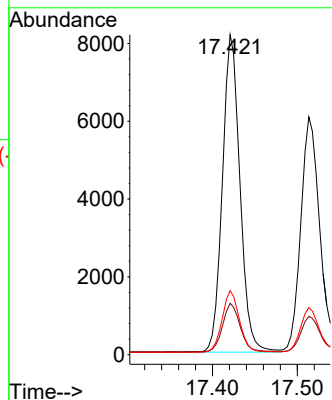
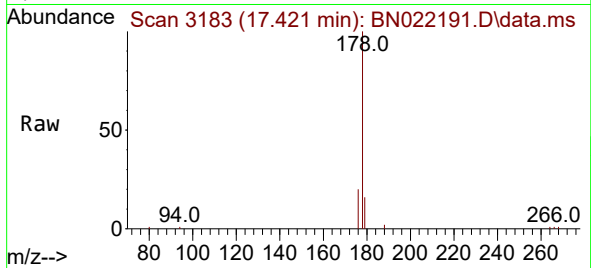




#15
Phenanthrene
Concen: 0.212 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

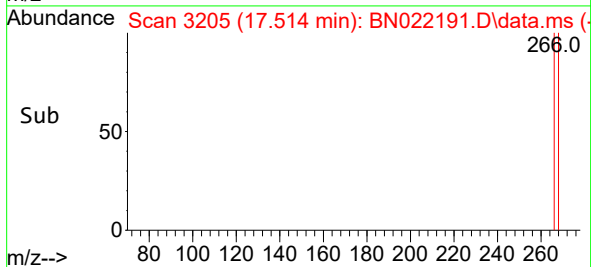
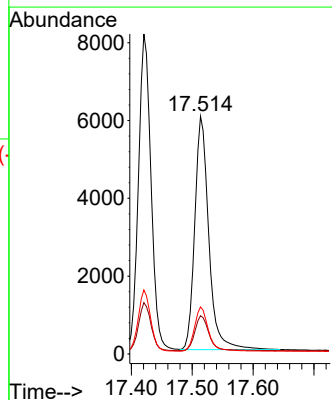
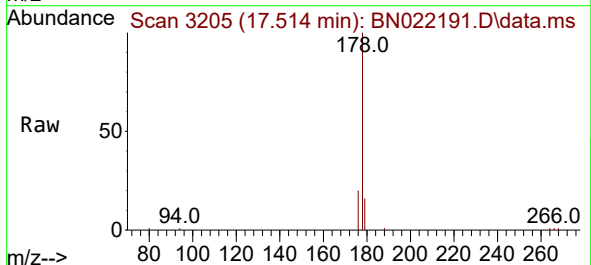
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

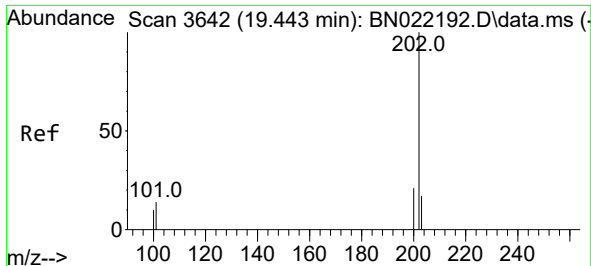
Tgt Ion:178 Resp: 11726
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.209 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:178 Resp: 9613
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.8 15.0 22.6

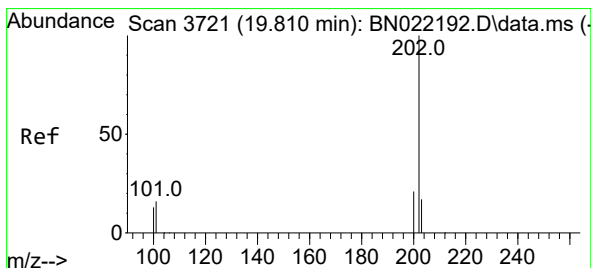
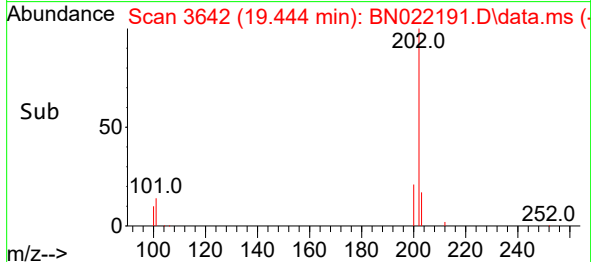
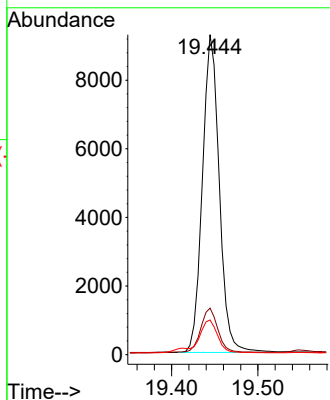
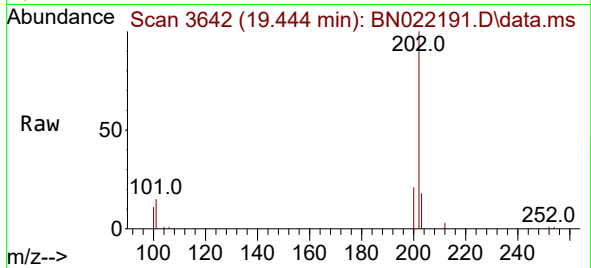




#19
Fluoranthene
Concen: 0.196 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

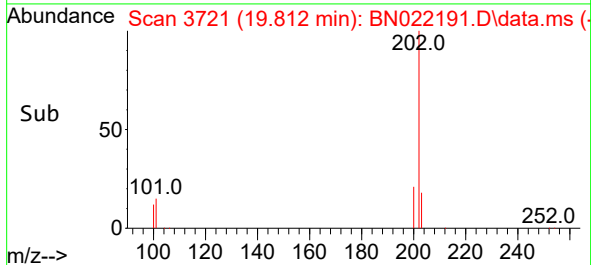
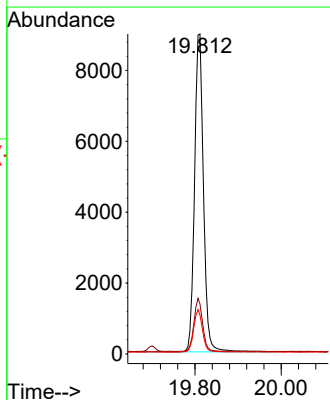
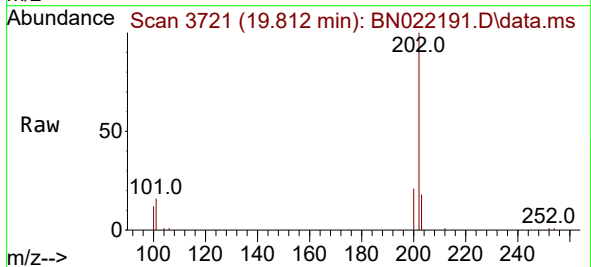
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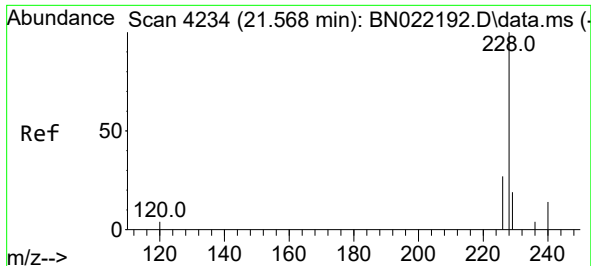
Tgt Ion:202 Resp: 12645
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

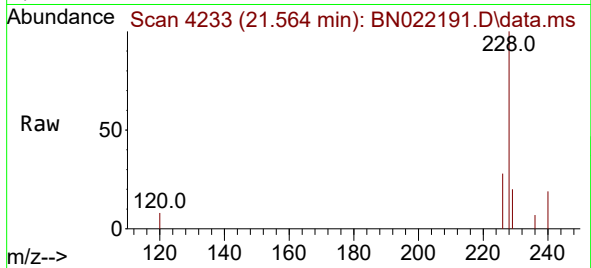
Tgt Ion:202 Resp: 12955
Ion Ratio Lower Upper
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101 15.7 13.1 19.7
100 12.2 10.6 16.0



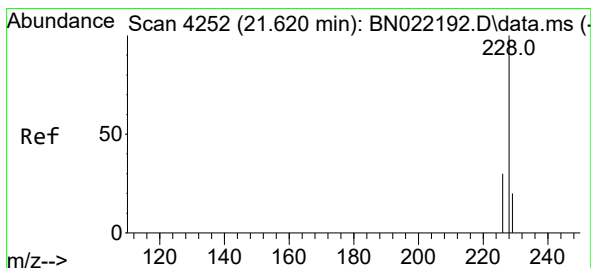
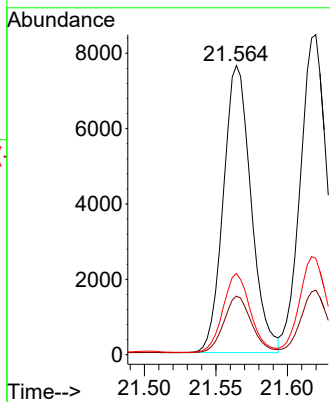
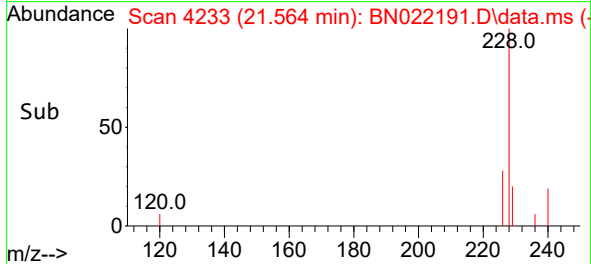


#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.564 min Scan# 4233
Delta R.T. -0.004 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

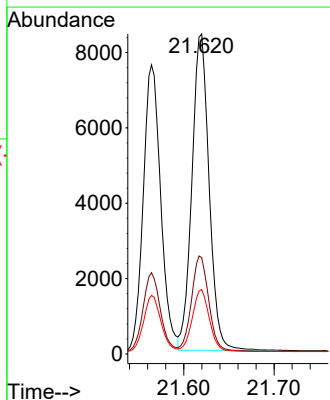
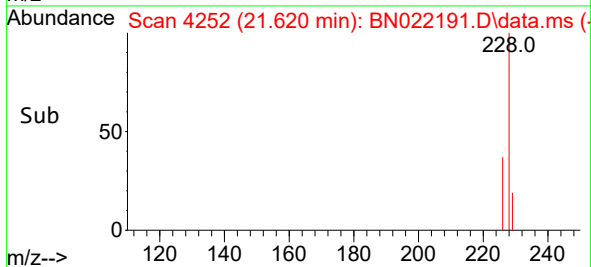
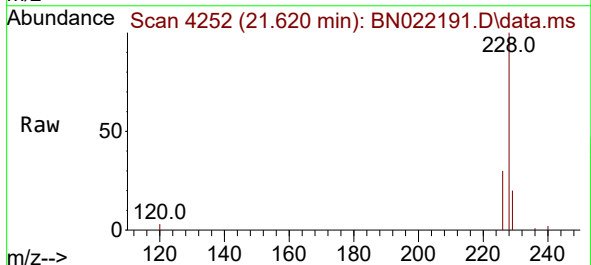


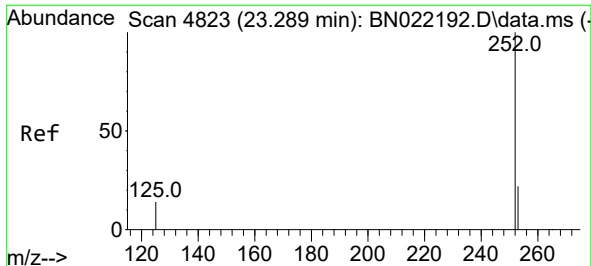
Tgt Ion:228 Resp: 10282
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.1 21.5 32.3



#22
Chrysene
Concen: 0.219 ng/ul
RT: 21.620 min Scan# 4252
Delta R.T. -0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:228 Resp: 11083
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 20.1 15.9 23.9

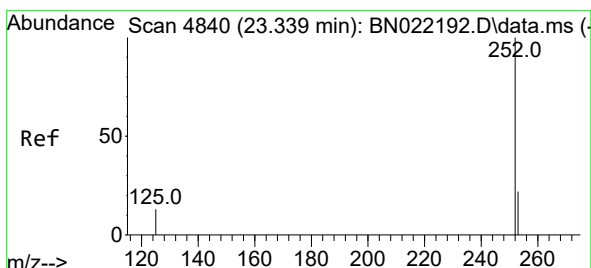
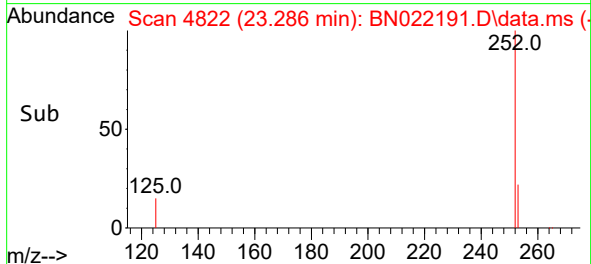
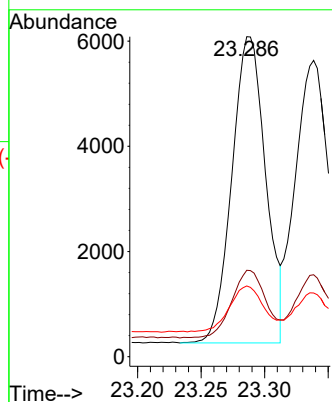
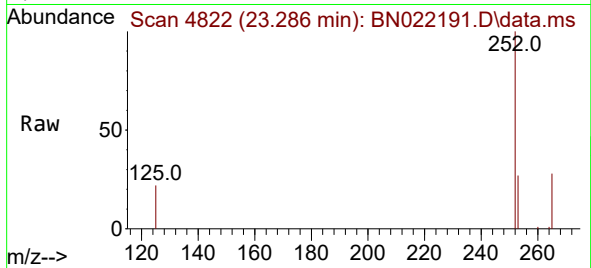




#24
Benzo(b)fluoranthene
Concen: 0.203 ng/ul
RT: 23.286 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

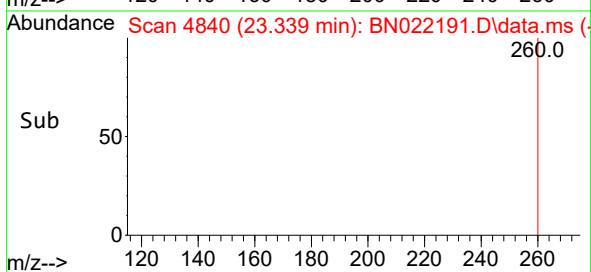
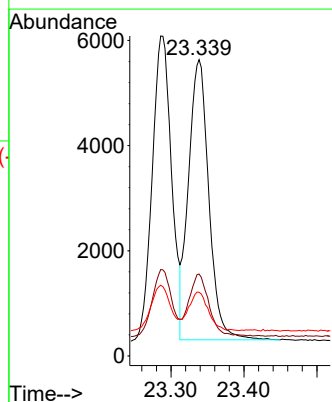
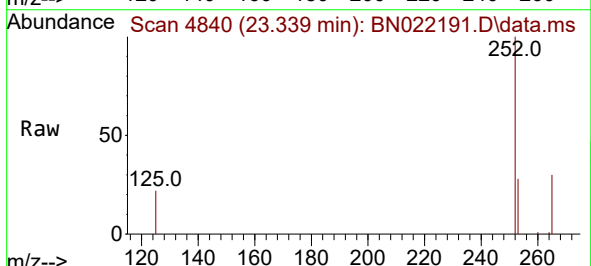
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

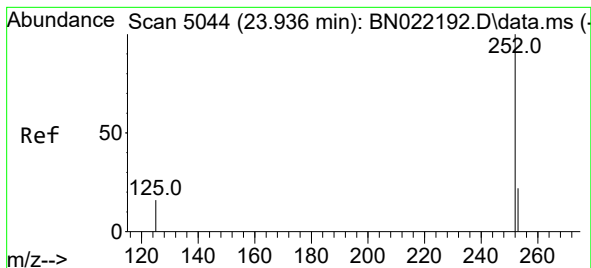
Tgt Ion:252 Resp: 10783
Ion Ratio Lower Upper
252 100
253 27.0 0.0 49.0
125 22.1 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul
RT: 23.339 min Scan# 4840
Delta R.T. -0.001 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:252 Resp: 10317
Ion Ratio Lower Upper
252 100
253 27.7 19.7 29.5
125 21.5 14.0 21.0#





#26

Benzo(a)pyrene

Concen: 0.213 ng/ul

RT: 23.935 min Scan# 5044

Delta R.T. -0.001 min

Lab File: BN022191.D

Acq: 19 Oct 2022 11:23

Instrument :

BNA_N

ClientSampleId :

SSTD0.2203

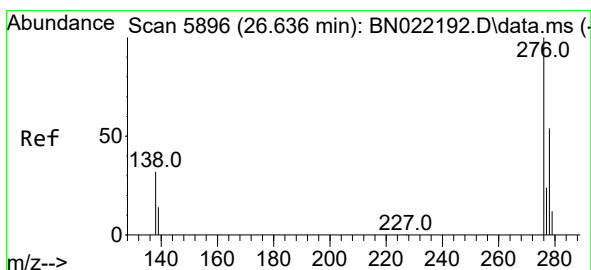
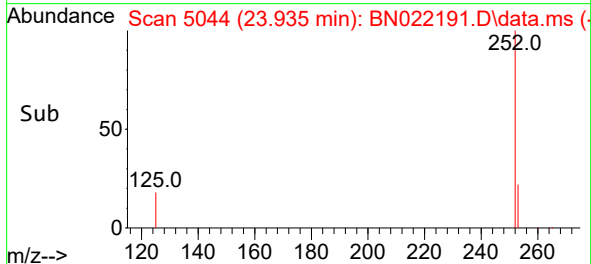
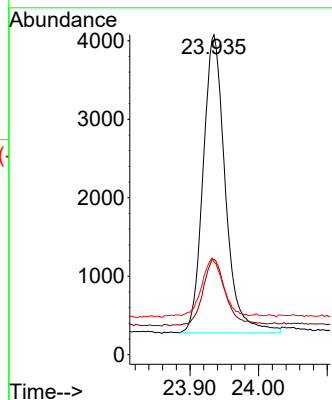
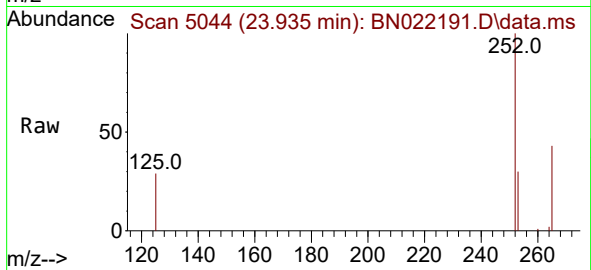
Tgt Ion:252 Resp: 8552

Ion Ratio Lower Upper

252 100

253 29.8 21.0 31.6

125 29.0 17.9 26.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.242 ng/ul

RT: 26.632 min Scan# 5895

Delta R.T. -0.004 min

Lab File: BN022191.D

Acq: 19 Oct 2022 11:23

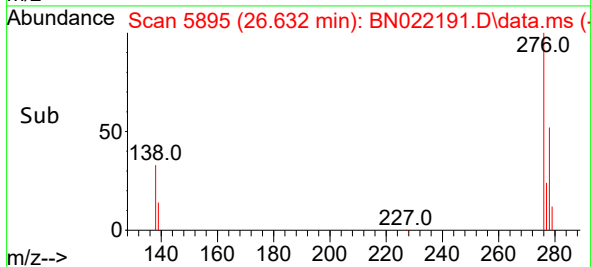
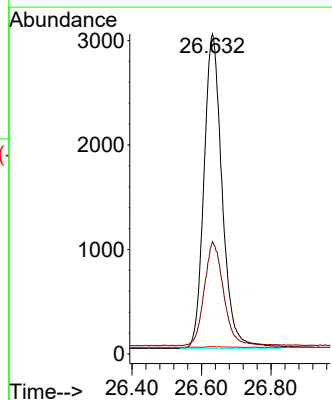
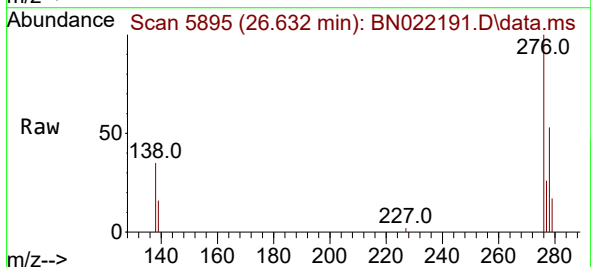
Tgt Ion:276 Resp: 10954

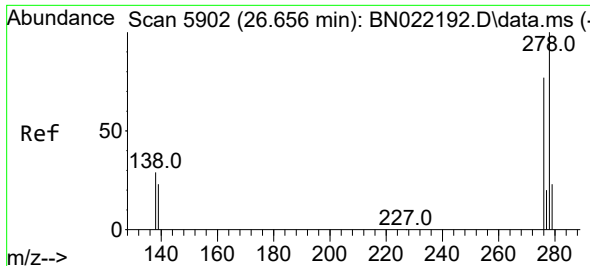
Ion Ratio Lower Upper

276 100

138 34.7 27.7 41.5

227 0.1 0.2 0.2#

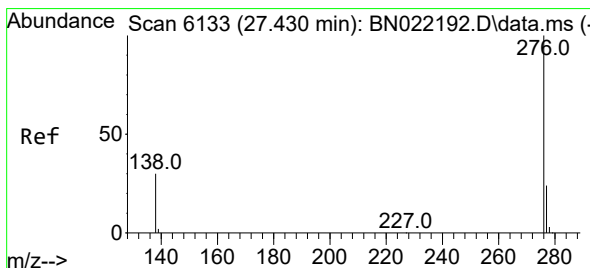
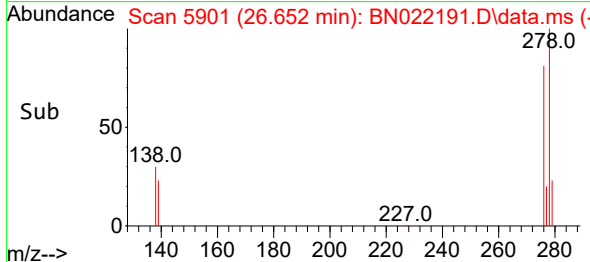
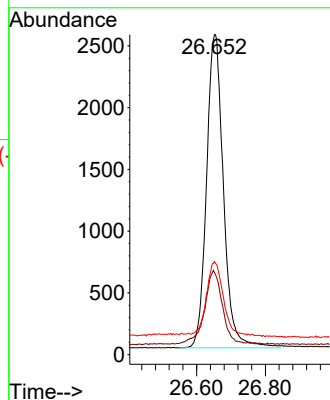
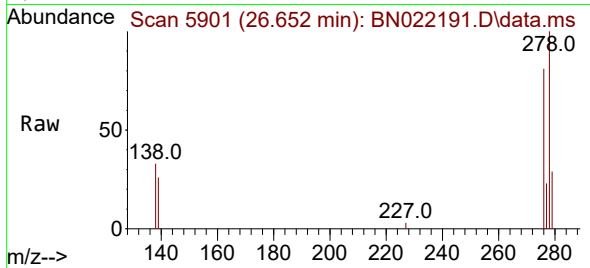




#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.652 min Scan# 5901
Delta R.T. -0.004 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

Tgt Ion:278 Resp: 8678
Ion Ratio Lower Upper
278 100
139 25.7 19.6 29.4
279 29.1 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul
RT: 27.426 min Scan# 6132
Delta R.T. -0.004 min
Lab File: BN022191.D
Acq: 19 Oct 2022 11:23

Tgt Ion:276 Resp: 8948
Ion Ratio Lower Upper
276 100
138 32.2 25.2 37.8
277 25.6 19.9 29.9

