

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020384.D
 Acq On : 23 Jun 2022 22:48
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV215

Quant Time: Jun 24 00:21:16 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)

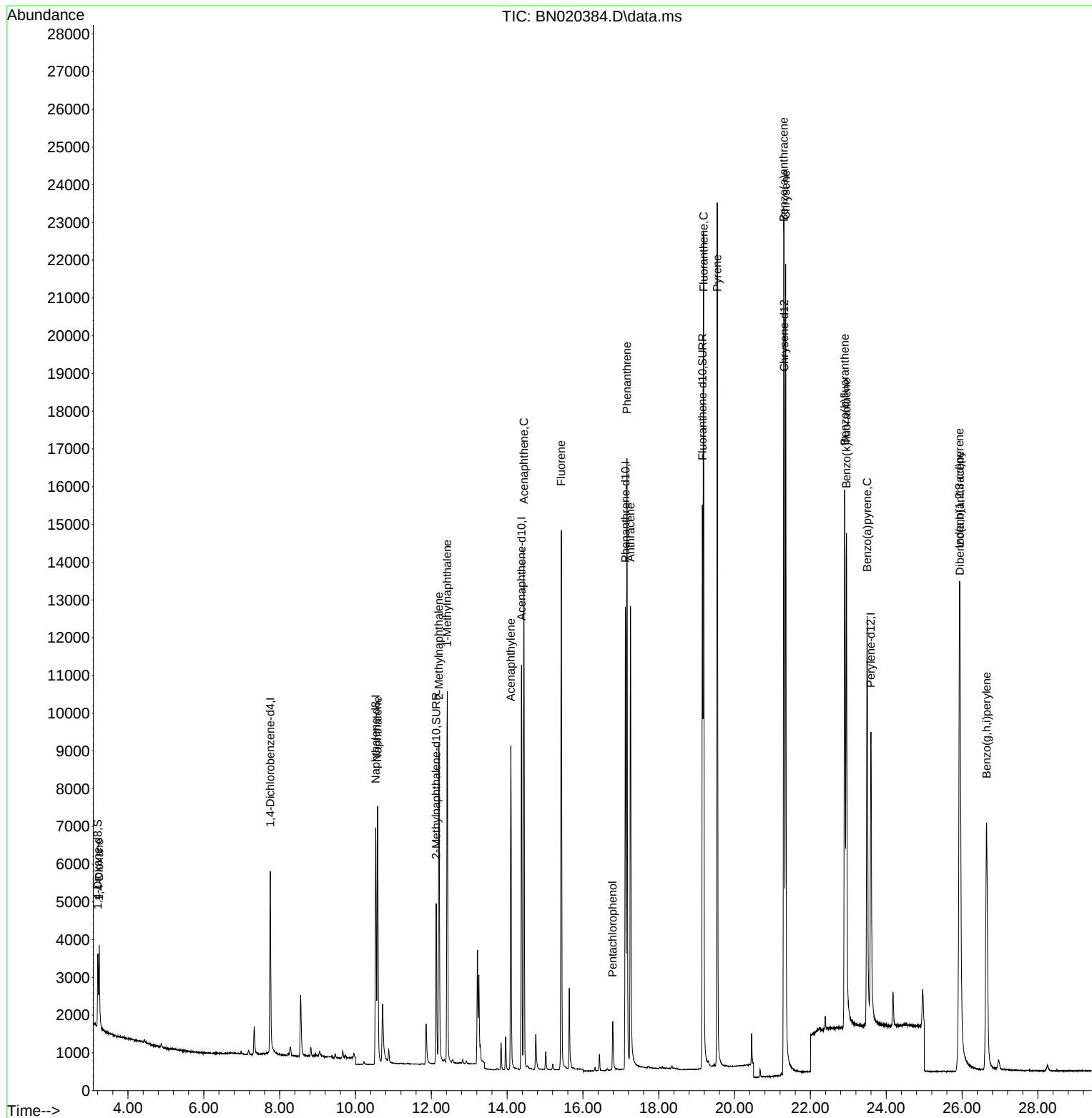
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	2932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	9225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.381	164	6162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	14611	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	13786	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	11504	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1362	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	6092	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	16694	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1390	0.401	ng/ul	96
5) Naphthalene	10.584	128	10229	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	6794	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	7274	0.403	ng/ul	100
10) Acenaphthylene	14.099	152	10274	0.352	ng/ul	100
11) Acenaphthene	14.442	153	8319	0.356	ng/ul	99
12) Fluorene	15.427	166	9940	0.359	ng/ul	100
14) Pentachlorophenol	16.786	266	1024	0.348	ng/ul	98
15) Phenanthrene	17.162	178	17949	0.353	ng/ul	100
16) Anthracene	17.255	178	15420	0.352	ng/ul	100
19) Fluoranthene	19.183	202	20494	0.326	ng/ul	99
20) Pyrene	19.541	202	21342	0.327	ng/ul	98
21) Benzo(a)anthracene	21.294	228	17186	0.347	ng/ul	99
22) Chrysene	21.347	228	19796	0.359	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	18640	0.350	ng/ul	99
25) Benzo(k)fluoranthene	22.949	252	18739	0.349	ng/ul	99
26) Benzo(a)pyrene	23.495	252	17332	0.358	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.933	276	17630	0.366	ng/ul	99
28) Dibenzo(a,h)anthracene	25.946	278	14214	0.366	ng/ul	99
29) Benzo(g,h,i)perylene	26.647	276	14995	0.363	ng/ul	98

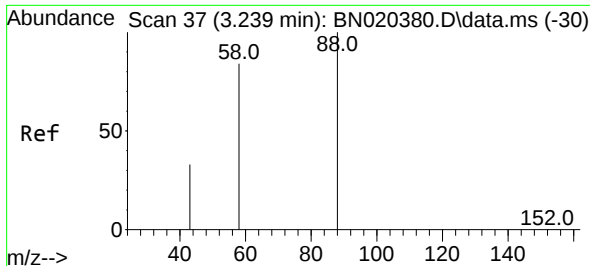
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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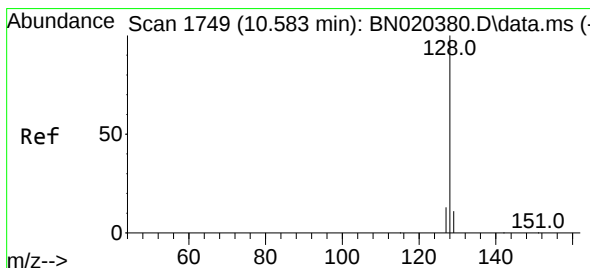
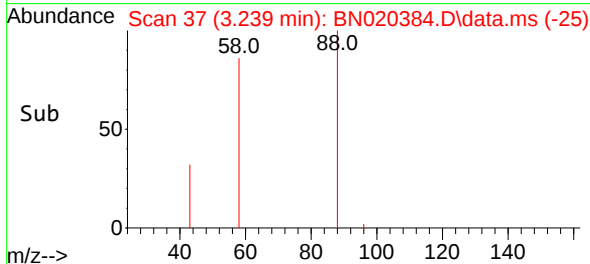
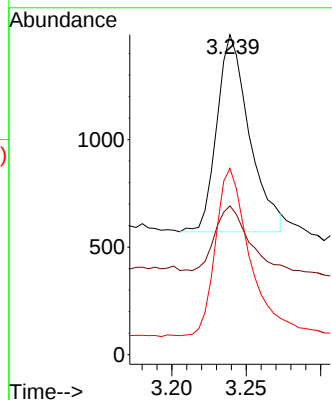
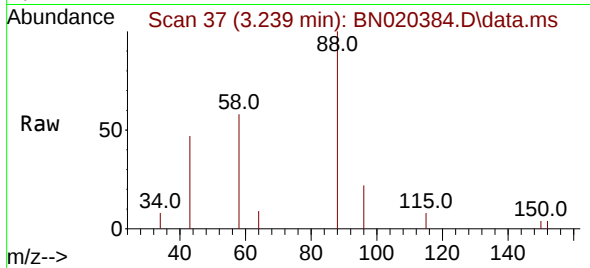




#2
 1,4-Dioxane
 Concen: 0.401 ng/ul
 RT: 3.239 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN020384.D
 Acq: 23 Jun 2022 22:48

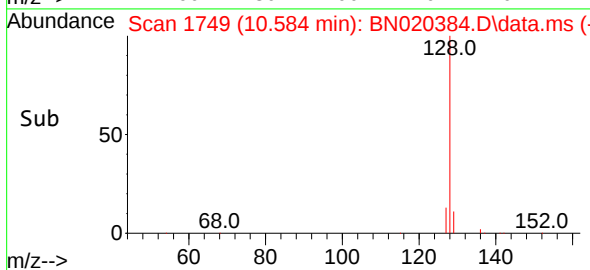
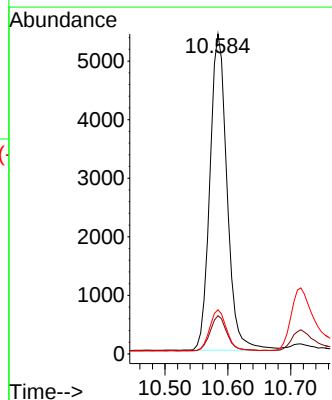
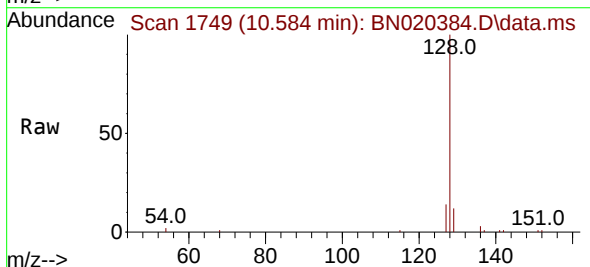
Instrument :
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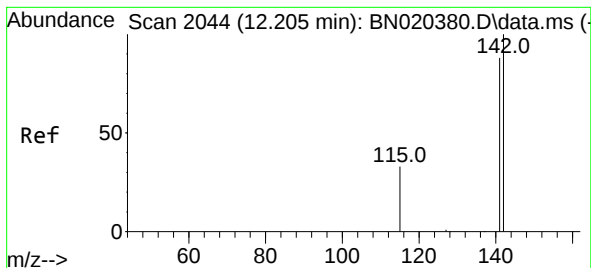
Tgt Ion: 88 Resp: 1390
 Ion Ratio Lower Upper
 88 100
 43 46.5 32.5 48.7
 58 58.3 46.2 69.2



#5
 Naphthalene
 Concen: 0.359 ng/ul
 RT: 10.584 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: BN020384.D
 Acq: 23 Jun 2022 22:48

Tgt Ion: 128 Resp: 10229
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 13.8 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.356 ng/ul

RT: 12.201 min Scan# 2043

Delta R.T. -0.004 min

Lab File: BN020384.D

Acq: 23 Jun 2022 22:48

Instrument :

BNA_N

ClientSampleId :

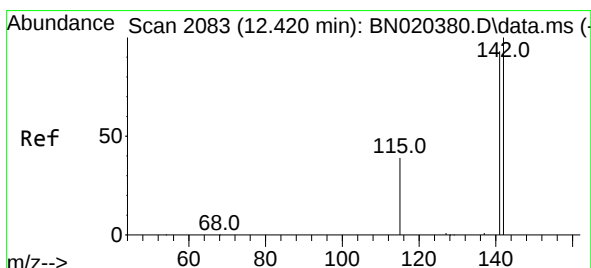
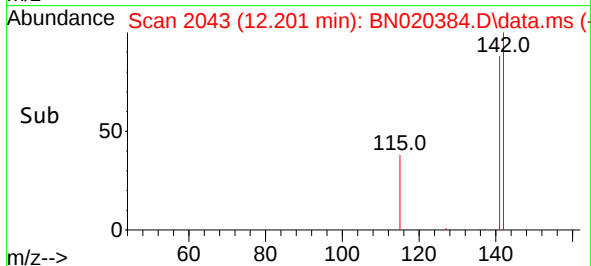
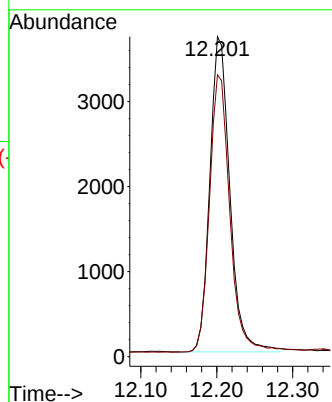
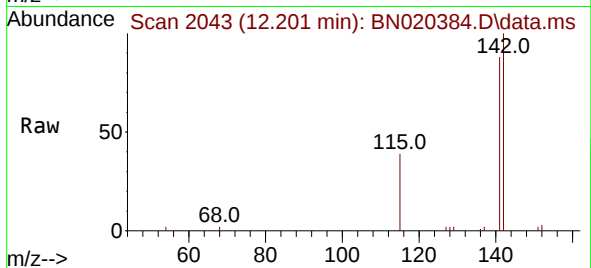
SICV215

Tgt Ion:142 Resp: 6794

Ion Ratio Lower Upper

142 100

141 89.0 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.403 ng/ul

RT: 12.421 min Scan# 2083

Delta R.T. 0.001 min

Lab File: BN020384.D

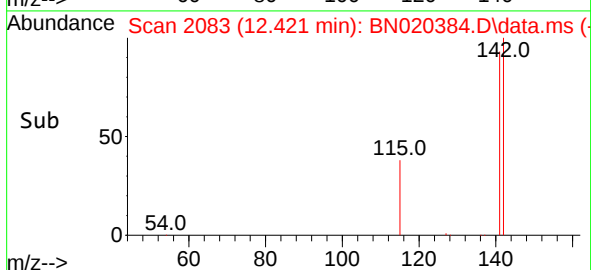
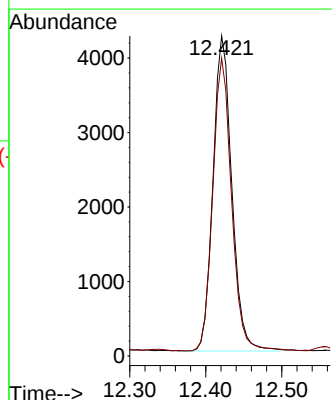
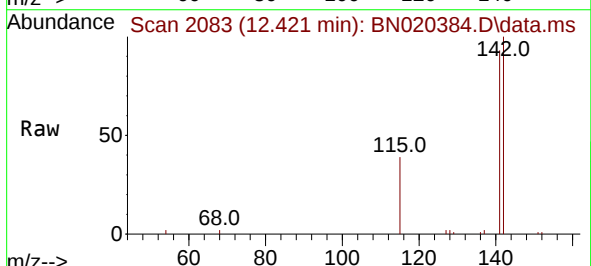
Acq: 23 Jun 2022 22:48

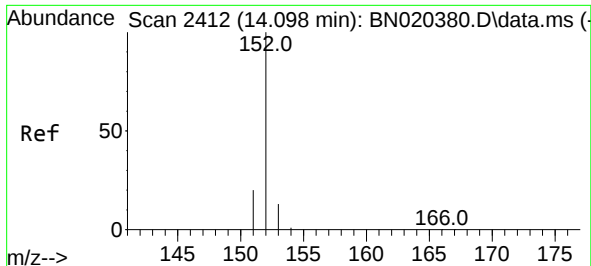
Tgt Ion:142 Resp: 7274

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5

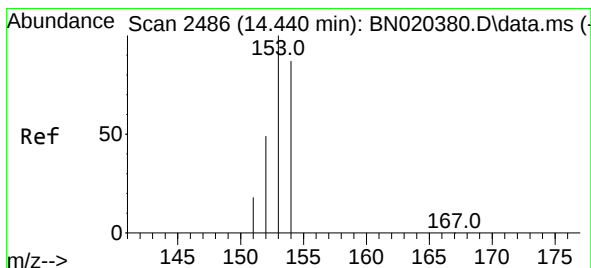
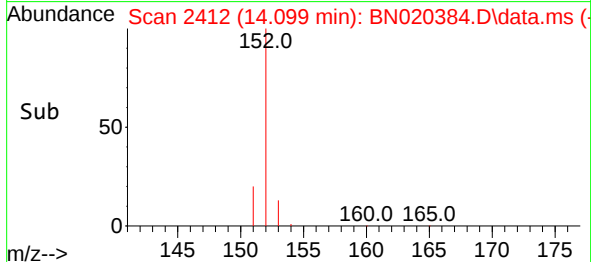
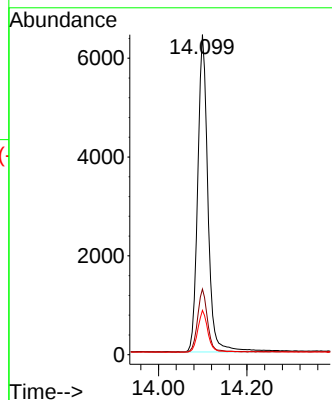
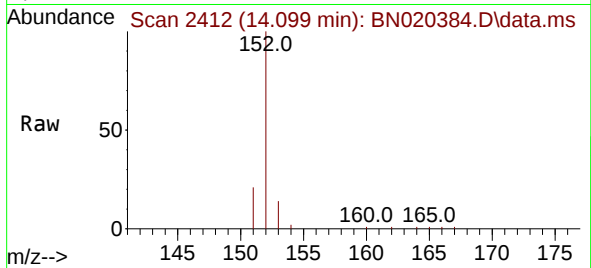




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

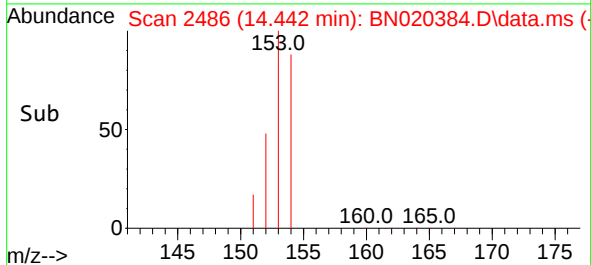
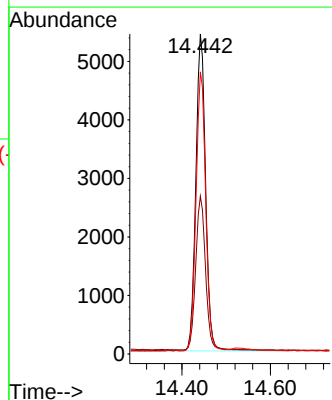
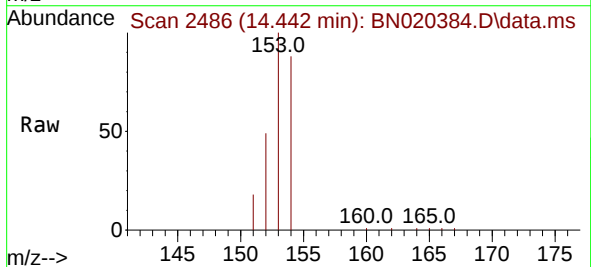
Instrument :
BNA_N
ClientSampleId :
SICV215

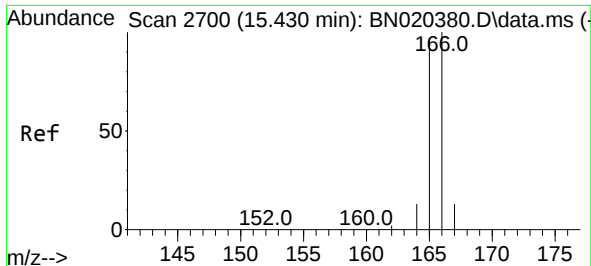
Tgt Ion:	152	Resp:	10274
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7
153	13.9	11.1	16.7



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:	153	Resp:	8319
Ion Ratio	Lower	Upper	
153	100		
152	49.3	40.0	60.0
154	88.1	70.0	105.0

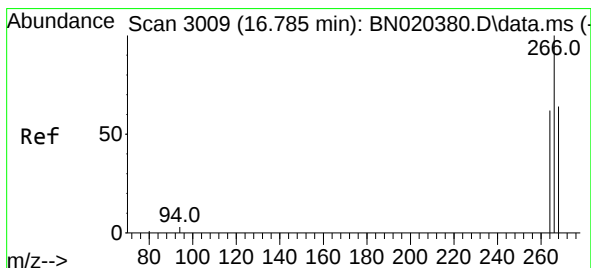
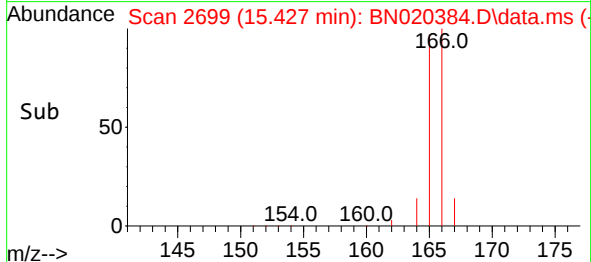
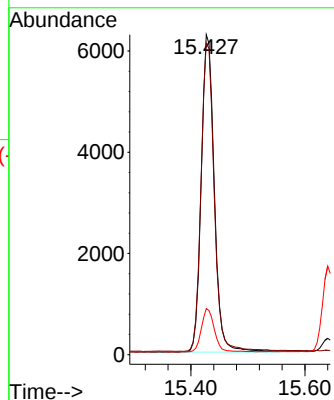
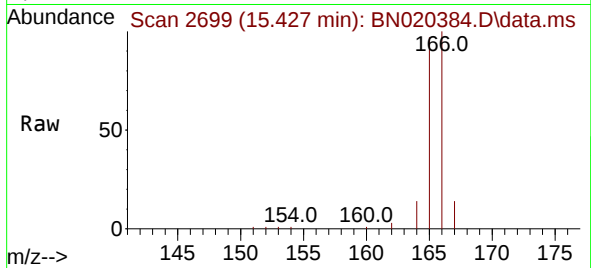




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

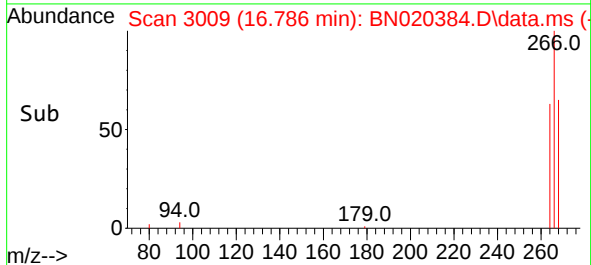
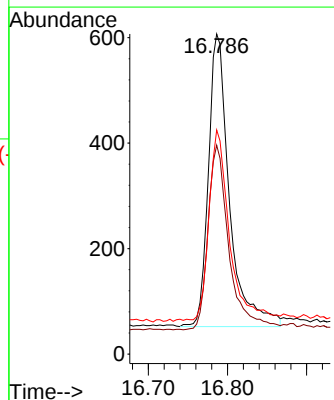
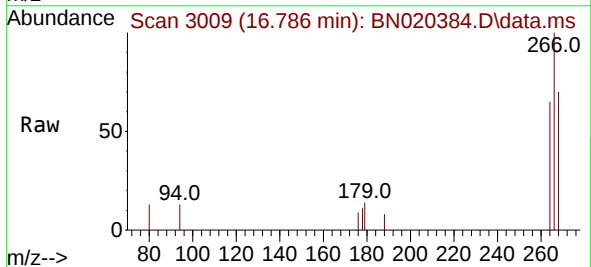
Instrument :
BNA_N
ClientSampleId :
SICV215

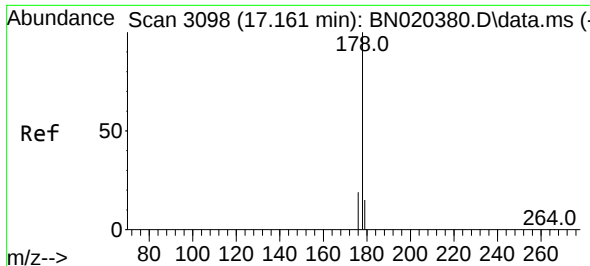
Tgt Ion:166 Resp: 9940
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 14.4 11.3 16.9



#14
Pentachlorophenol
Concen: 0.348 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:266 Resp: 1024
Ion Ratio Lower Upper
266 100
264 63.1 51.6 77.4
268 62.4 51.5 77.3

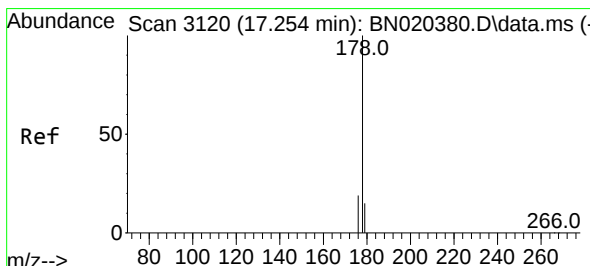
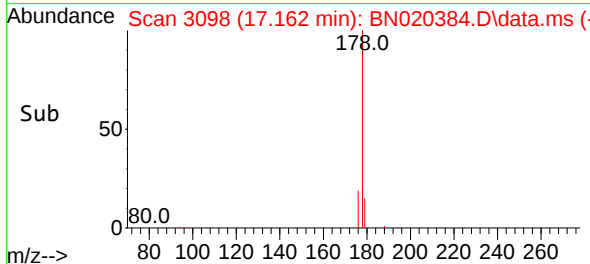
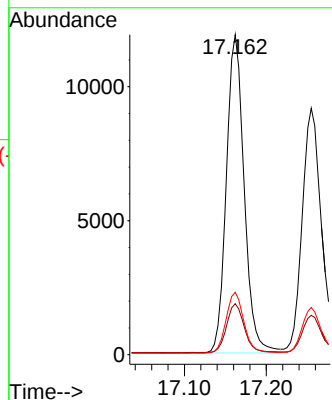
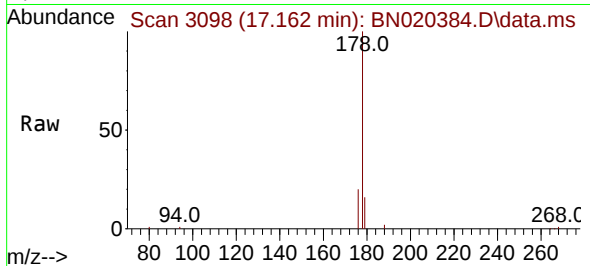




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

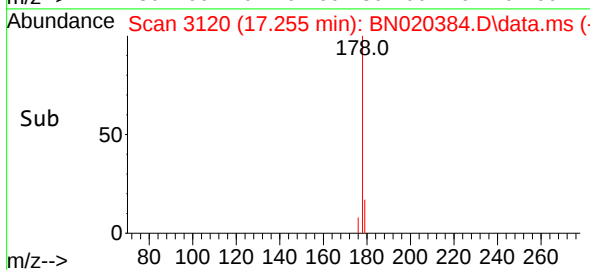
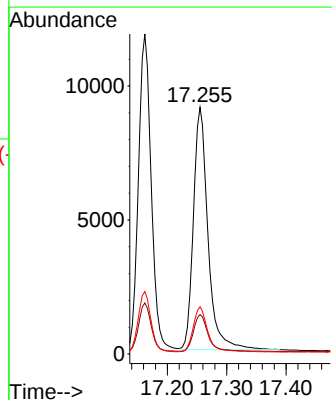
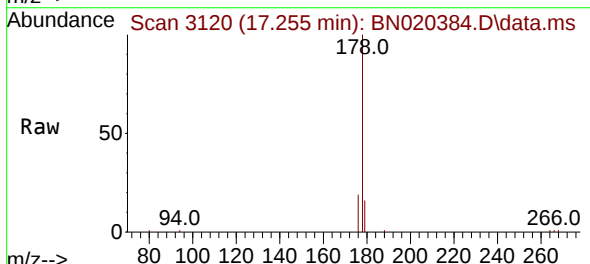
Instrument :
BNA_N
ClientSampleId :
SICV215

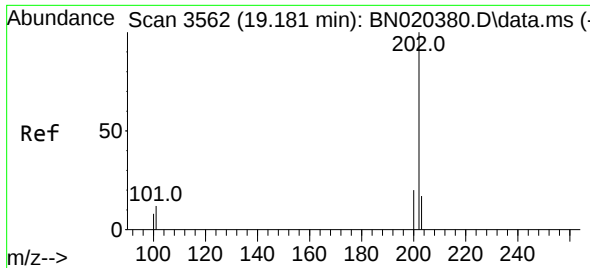
Tgt Ion:178 Resp: 17949
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:178 Resp: 15420
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.2 15.2 22.8





#19

Fluoranthene

Concen: 0.326 ng/ul

RT: 19.183 min Scan# 3562

Delta R.T. 0.002 min

Lab File: BN020384.D

Acq: 23 Jun 2022 22:48

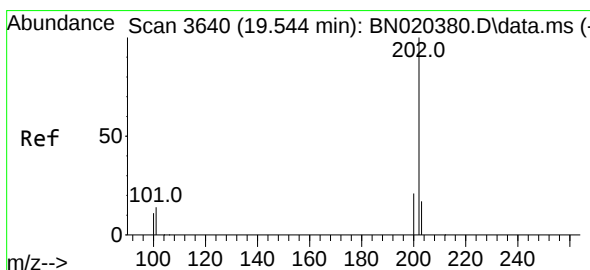
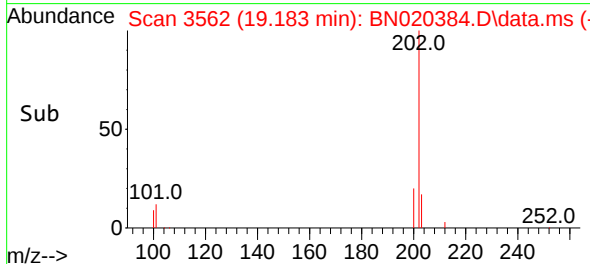
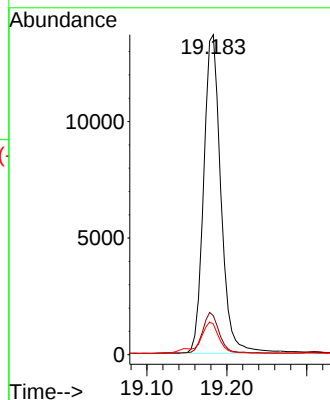
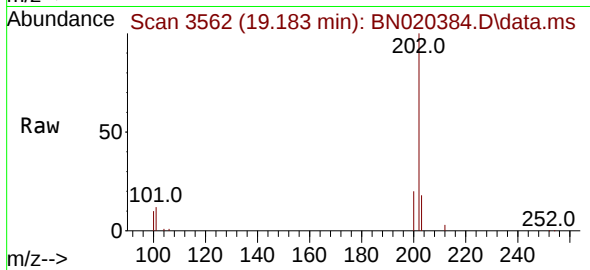
Instrument :

BNA_N

ClientSampleId :

SICV215

Tgt Ion:	202	Resp:	20494
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.3	15.5
100	9.6	7.8	11.6



#20

Pyrene

Concen: 0.327 ng/ul

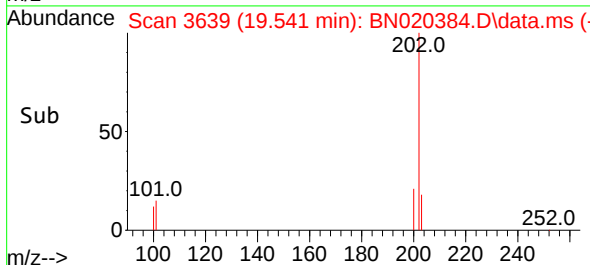
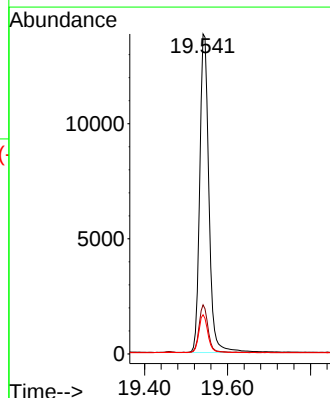
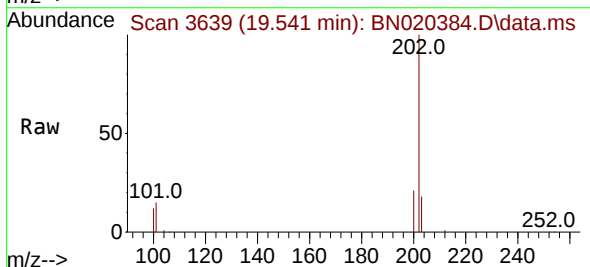
RT: 19.541 min Scan# 3639

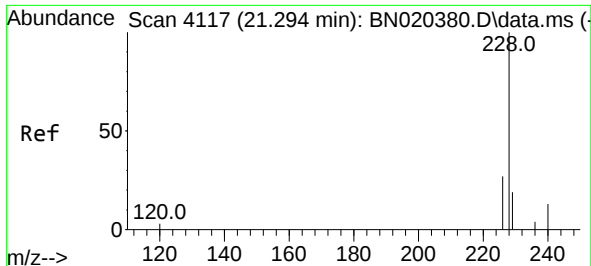
Delta R.T. -0.003 min

Lab File: BN020384.D

Acq: 23 Jun 2022 22:48

Tgt Ion:	202	Resp:	21342
Ion Ratio	Lower	Upper	
202	100		
101	15.3	11.6	17.4
100	12.3	9.2	13.8

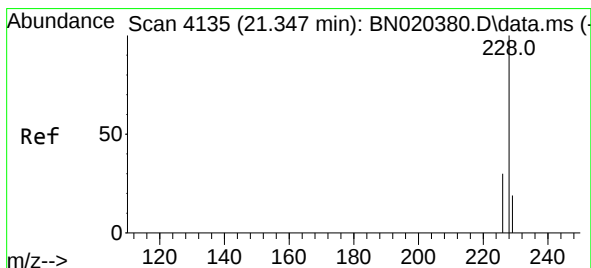
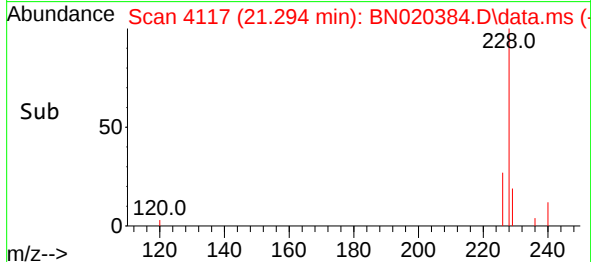
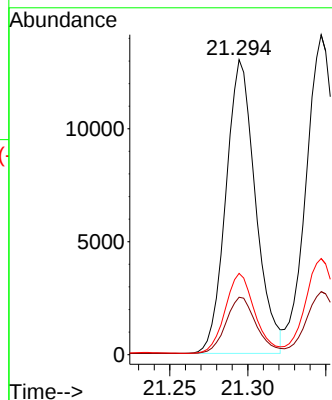
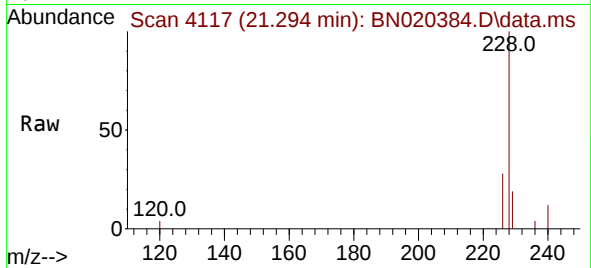




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.294 min Scan# 4117
Delta R.T. -0.000 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

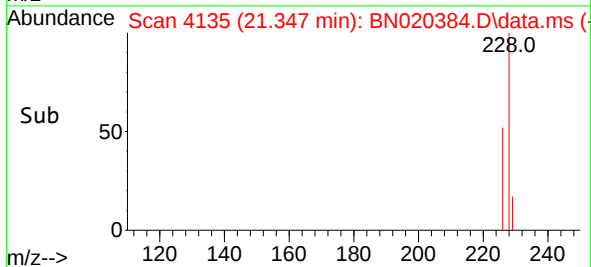
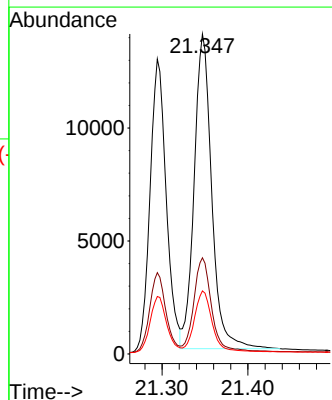
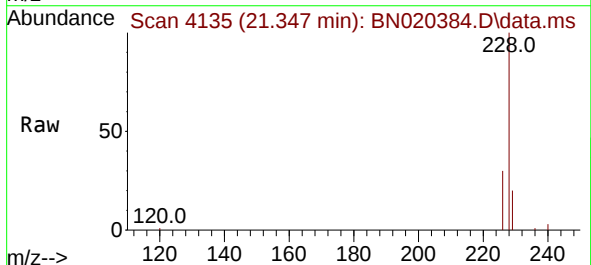
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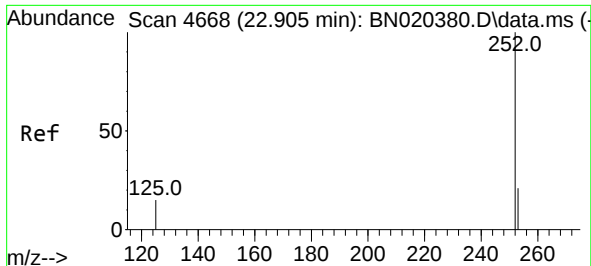
Tgt Ion:228 Resp: 17186
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:228 Resp: 19796
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.7 15.8 23.8

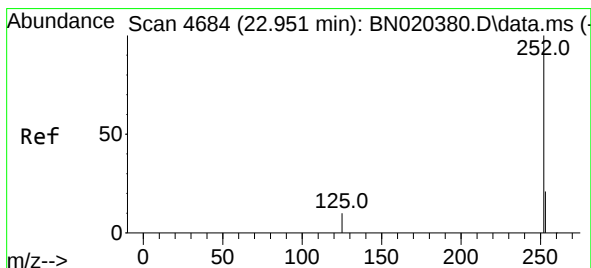
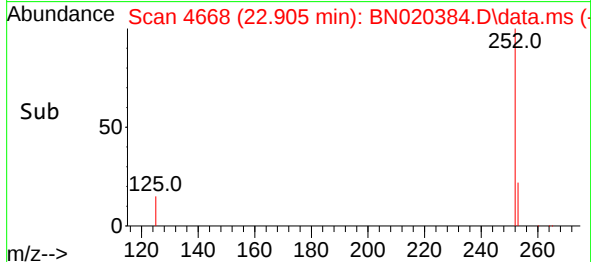
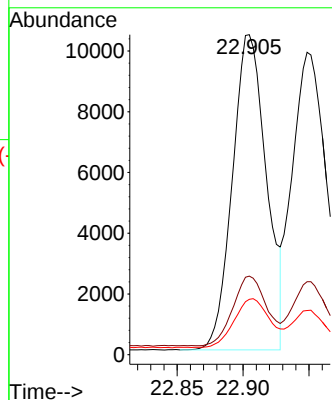
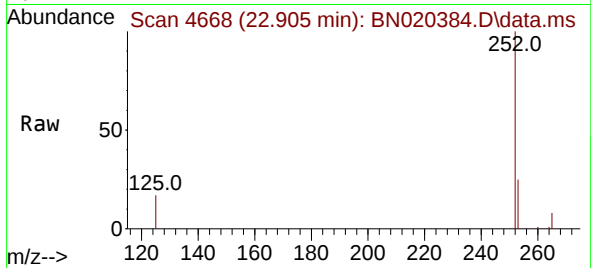




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

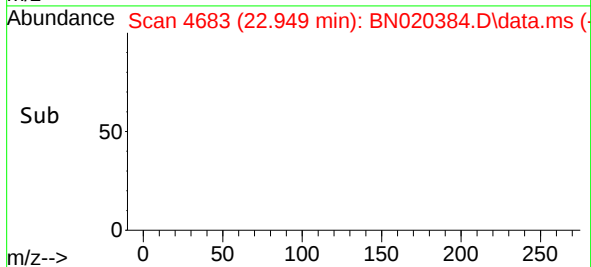
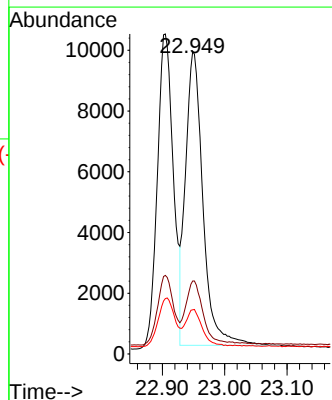
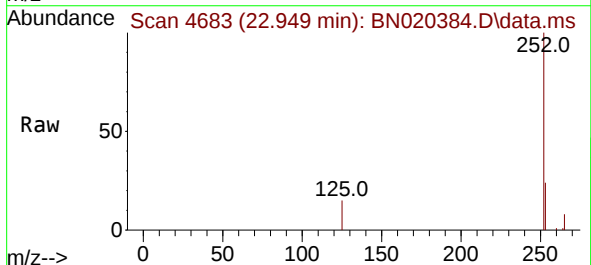
Instrument :
BNA_N
ClientSampleId :
SICV215

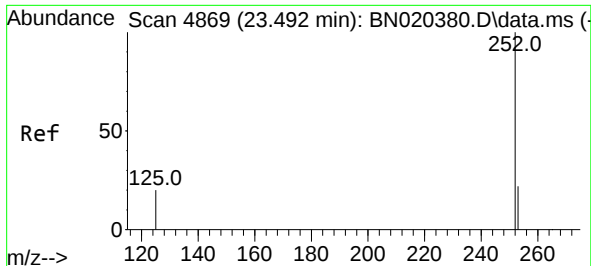
Tgt Ion:252 Resp: 18640
Ion Ratio Lower Upper
252 100
253 24.5 0.0 48.6
125 17.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:252 Resp: 18739
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 14.6 12.0 18.0

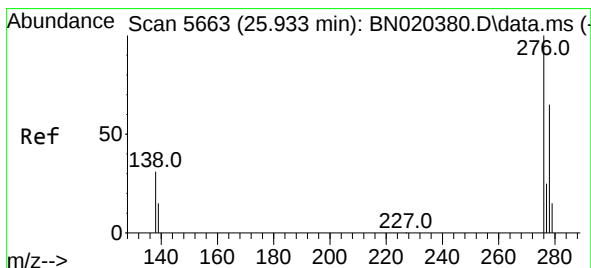
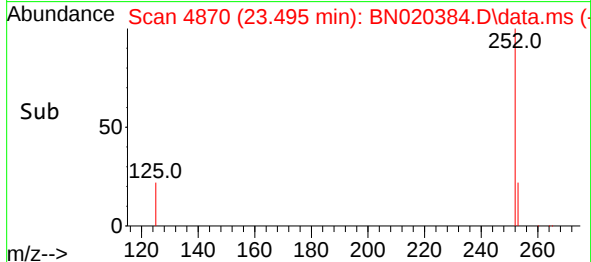
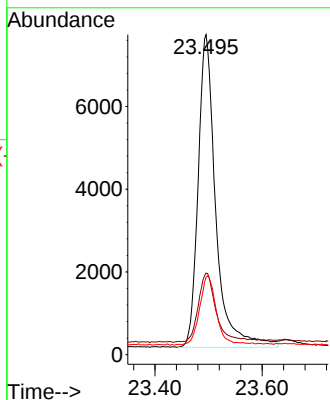
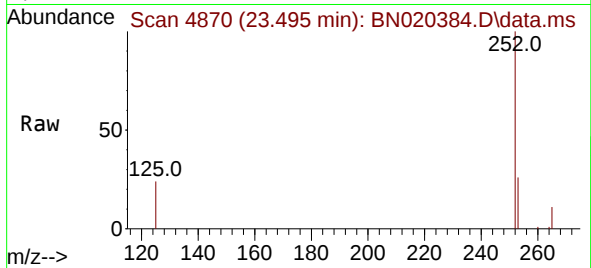




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.495 min Scan# 4869
Delta R.T. 0.003 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

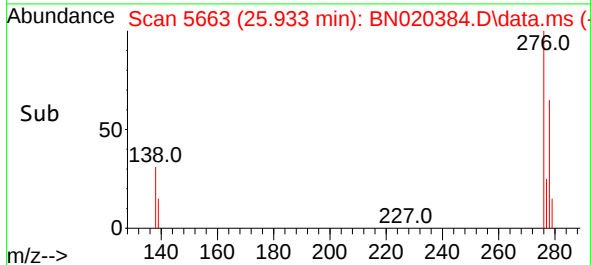
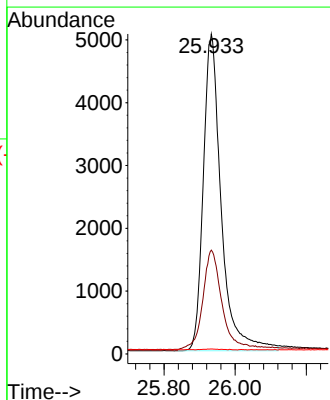
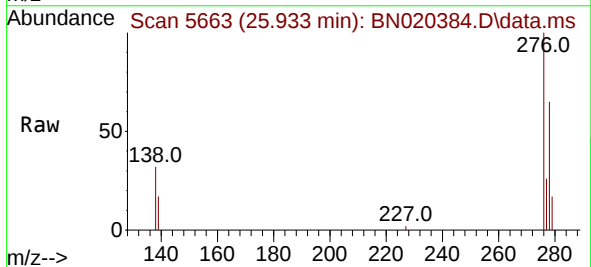
Instrument :
BNA_N
ClientSampleId :
SICV215

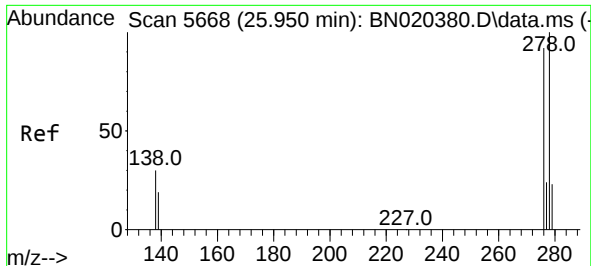
Tgt Ion:252 Resp: 17332
Ion Ratio Lower Upper
252 100
253 25.5 21.0 31.4
125 24.2 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.933 min Scan# 5663
Delta R.T. 0.000 min
Lab File: BN020384.D
Acq: 23 Jun 2022 22:48

Tgt Ion:276 Resp: 17630
Ion Ratio Lower Upper
276 100
138 33.9 27.4 41.2
227 0.2 0.2 0.2

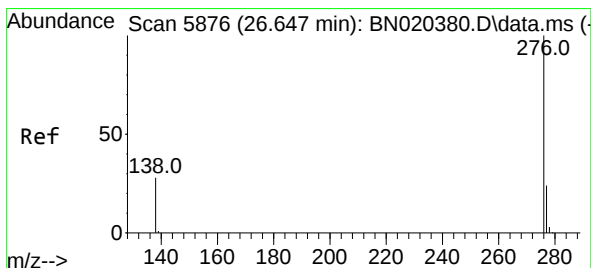
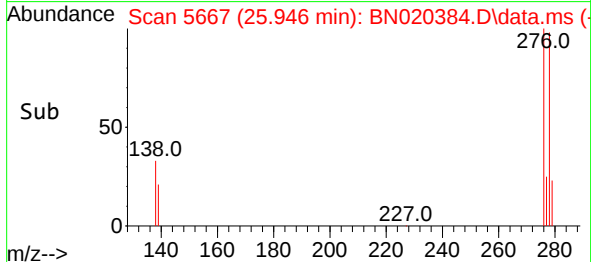
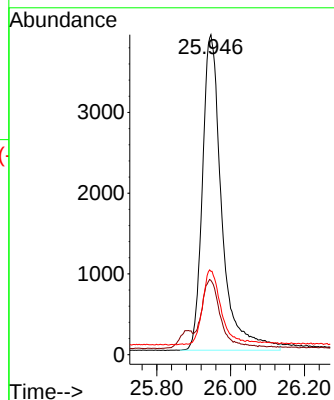
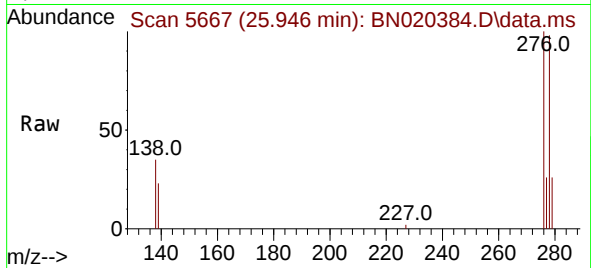




#28
 Dibenzo(a,h)anthracene
 Concen: 0.366 ng/ul
 RT: 25.946 min Scan# 5667
 Delta R.T. -0.003 min
 Lab File: BN020384.D
 Acq: 23 Jun 2022 22:48

Instrument :
 BNA_N
 ClientSampleId :
 SICV215

Tgt Ion:278 Resp: 14214
 Ion Ratio Lower Upper
 278 100
 139 23.2 18.8 28.2
 279 26.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 26.647 min Scan# 5876
 Delta R.T. 0.000 min
 Lab File: BN020384.D
 Acq: 23 Jun 2022 22:48

Tgt Ion:276 Resp: 14995
 Ion Ratio Lower Upper
 276 100
 138 27.9 23.5 35.3
 277 24.8 20.1 30.1

