

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020420.D
 Acq On : 25 Jun 2022 05:23
 Operator : CG/JU
 Sample : PB145687BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS687

Quant Time: Jun 25 06:32:49 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)

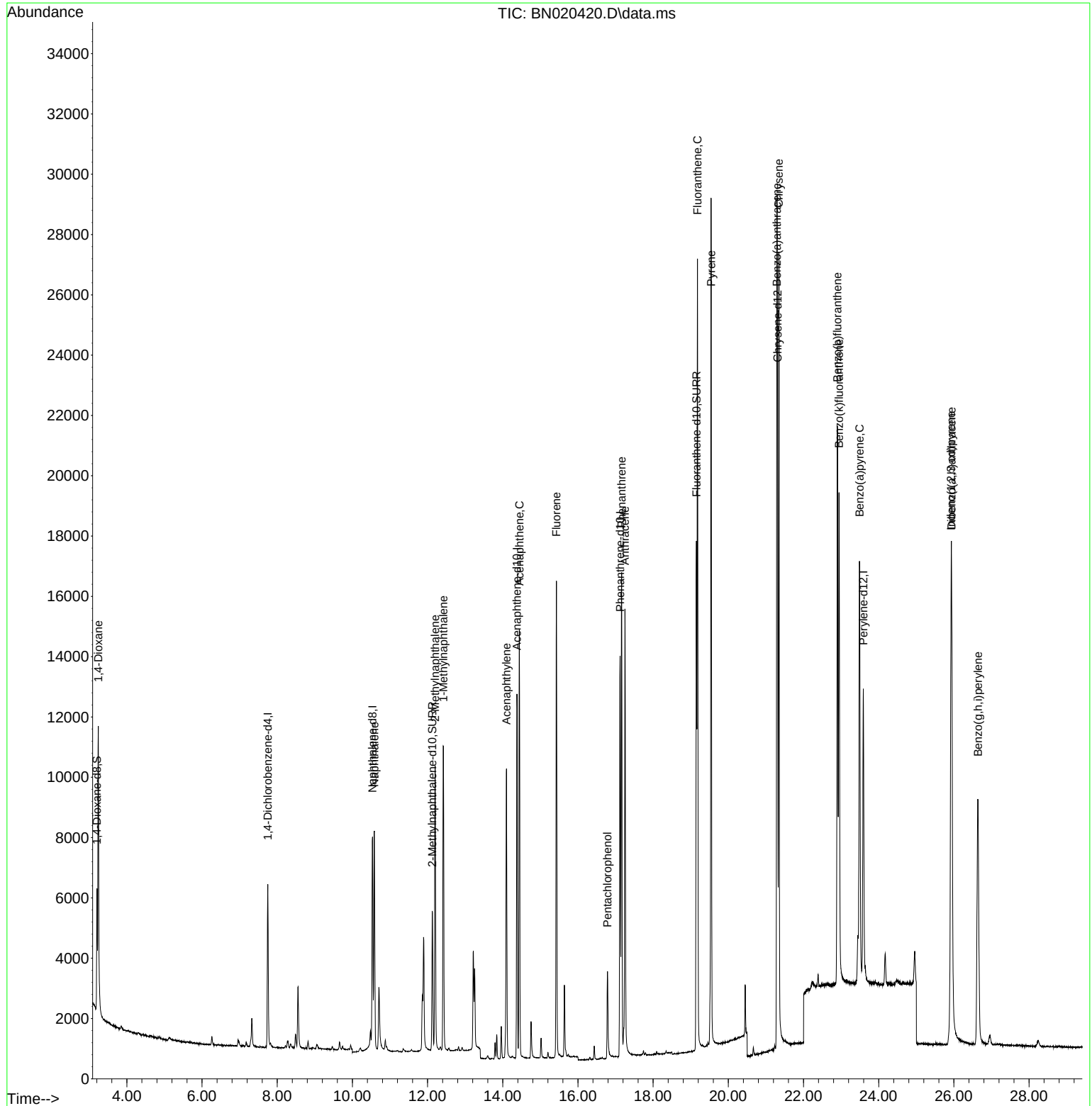
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3027	0.400	ng/u1	0.00
4) Naphthalene-d8	10.535	136	10517	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.377	164	6858	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.120	188	15801	0.400	ng/u1	0.00
17) Chrysene-d12	21.309	240	15347	0.400	ng/u1	0.00
23) Perylene-d12	23.592	264	13120	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2689	0.767	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.124	152	6576	0.381	ng/u1	0.00
18) Fluoranthene-d10	19.151	212	18491	0.365	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	6061	1.693	ng/u1#	85
5) Naphthalene	10.584	128	10477	0.323	ng/u1	100
7) 2-Methylnaphthalene	12.201	142	7105	0.327	ng/u1	100
8) 1-Methylnaphthalene	12.421	142	7512	0.365	ng/u1	100
10) Acenaphthylene	14.099	152	11659	0.359	ng/u1	99
11) Acenaphthene	14.442	153	8581	0.330	ng/u1	98
12) Fluorene	15.427	166	10332	0.335	ng/u1	99
14) Pentachlorophenol	16.786	266	2340	0.735	ng/u1	98
15) Phenanthrene	17.162	178	17999	0.328	ng/u1	100
16) Anthracene	17.251	178	17150	0.362	ng/u1	100
19) Fluoranthene	19.179	202	22693	0.324	ng/u1	100
20) Pyrene	19.541	202	24036	0.331	ng/u1	99
21) Benzo(a)anthracene	21.292	228	23001	0.417	ng/u1	99
22) Chrysene	21.344	228	23377	0.381	ng/u1	98
24) Benzo(b)fluoranthene	22.902	252	22918	0.377	ng/u1	97
25) Benzo(k)fluoranthene	22.946	252	21772	0.355	ng/u1	98
26) Benzo(a)pyrene	23.490	252	21147	0.383	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	25.926	276	20884	0.380	ng/u1#	97
28) Dibenzo(a,h)anthracene	25.940	278	17075	0.385	ng/u1	98
29) Benzo(g,h,i)perylene	26.641	276	17784	0.377	ng/u1	99

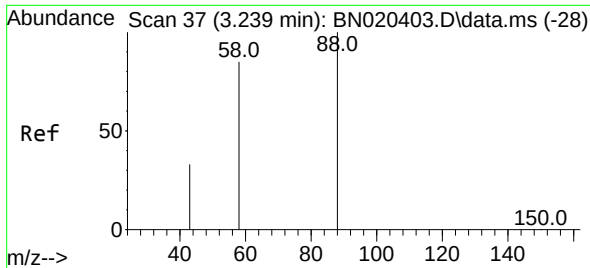
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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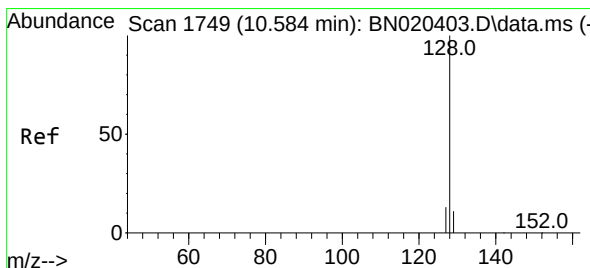
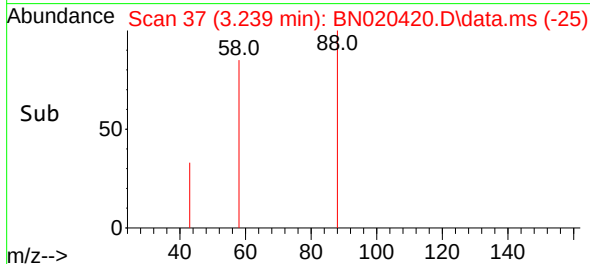
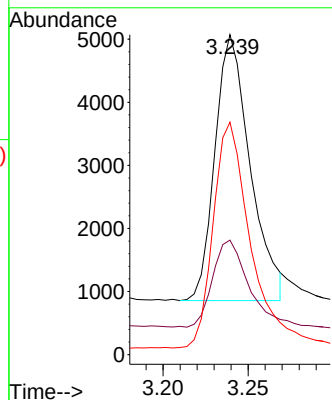
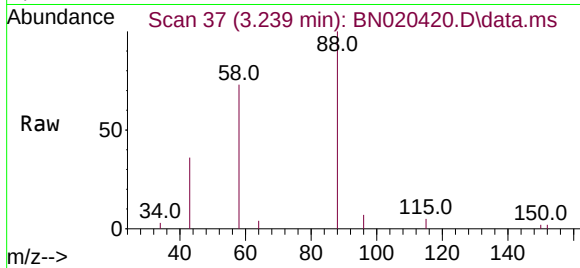




#2
1,4-Dioxane
Concen: 1.693 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

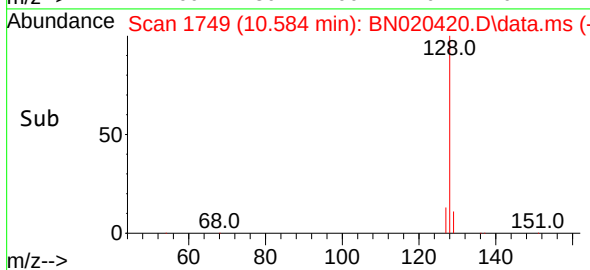
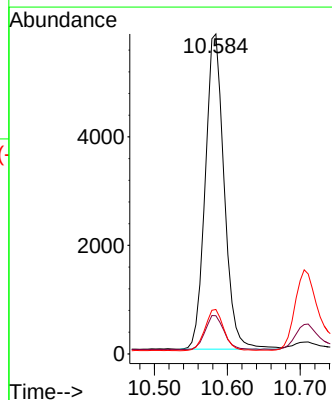
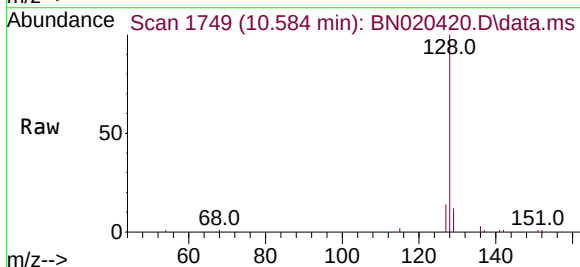
Instrument :
BNA_N
ClientSampleId :
SLCS687

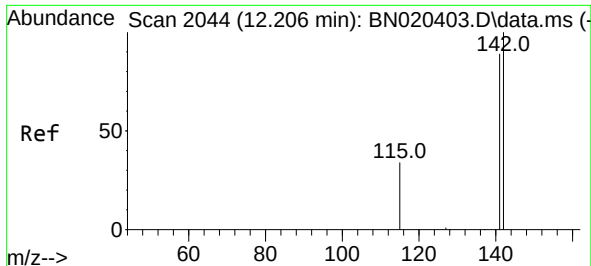
Tgt Ion: 88 Resp: 6061
Ion Ratio Lower Upper
88 100
43 35.8 32.5 48.7
58 72.6 46.2 69.2#



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion: 128 Resp: 10477
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.9 11.3 16.9

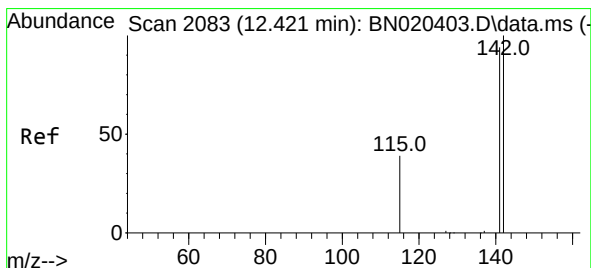
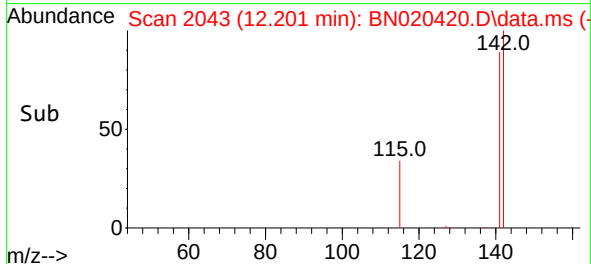
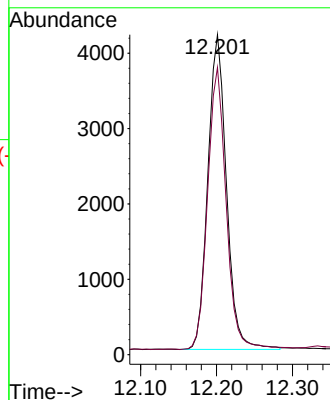
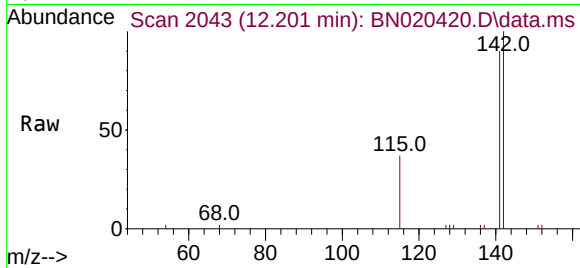




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

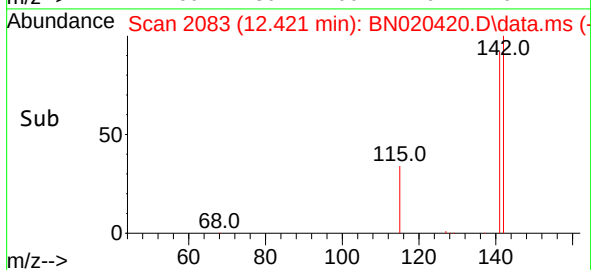
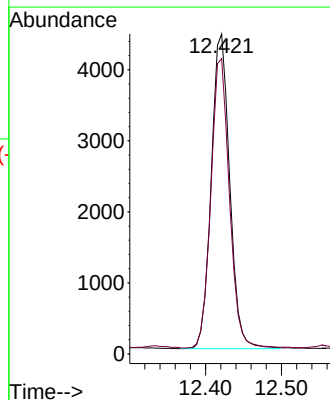
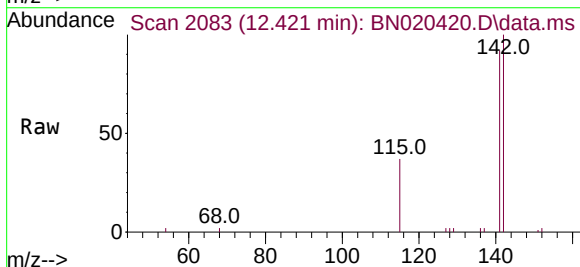
Instrument :
BNA_N
ClientSampleId :
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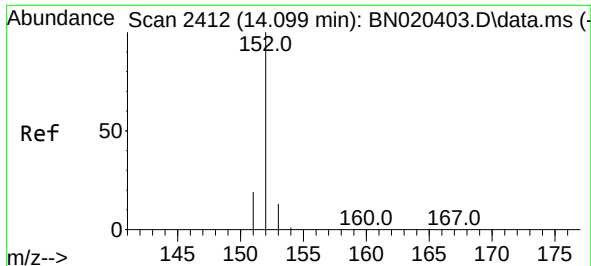
Tgt Ion:142 Resp: 7105
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:142 Resp: 7512
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

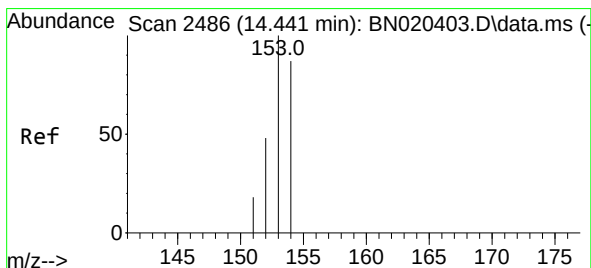
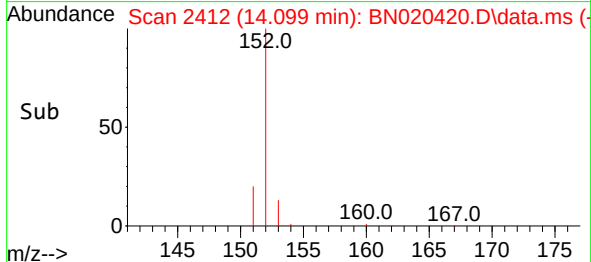
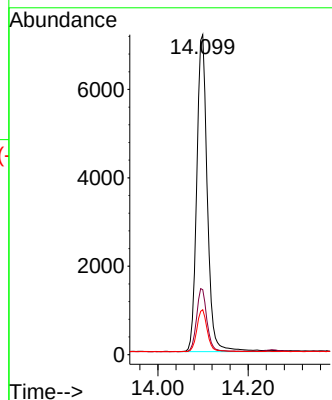
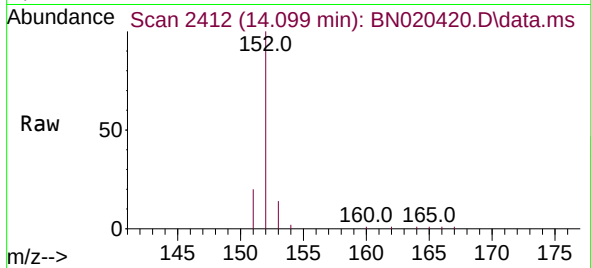




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

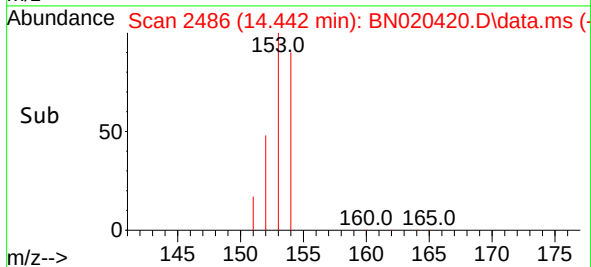
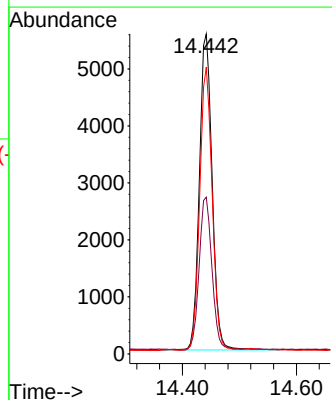
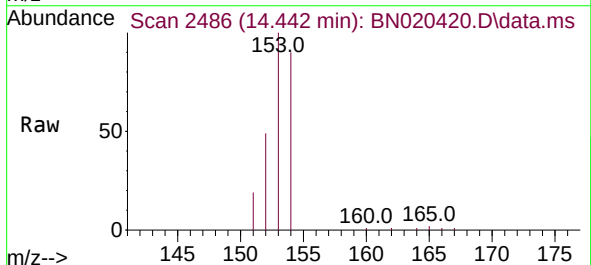
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ClientSampleId :
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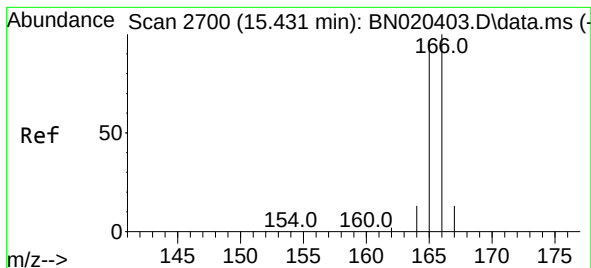
Tgt Ion:152 Resp: 11659
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:153 Resp: 8581
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 89.6 70.0 105.0





#12

Fluorene

Concen: 0.335 ng/ul

RT: 15.427 min Scan# 2699

Delta R.T. -0.003 min

Lab File: BN020420.D

Acq: 25 Jun 2022 05:23

Instrument :

BNA_N

ClientSampleId :

SLCS687

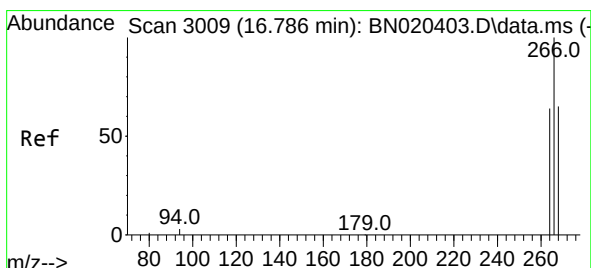
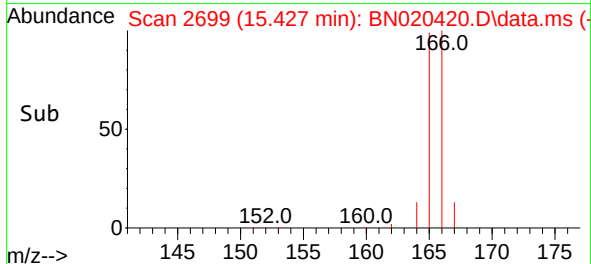
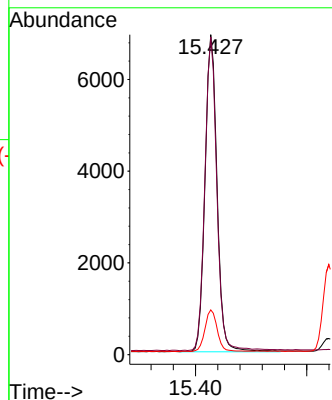
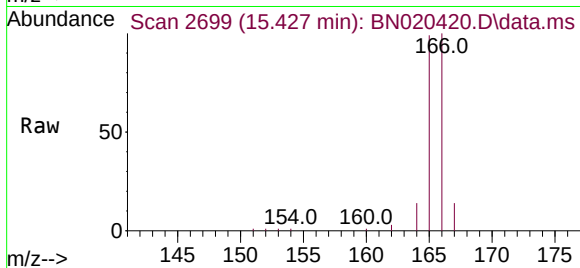
Tgt Ion:166 Resp: 10332

Ion Ratio Lower Upper

166 100

165 99.3 78.2 117.2

167 14.0 11.3 16.9



#14

Pentachlorophenol

Concen: 0.735 ng/ul

RT: 16.786 min Scan# 3009

Delta R.T. 0.001 min

Lab File: BN020420.D

Acq: 25 Jun 2022 05:23

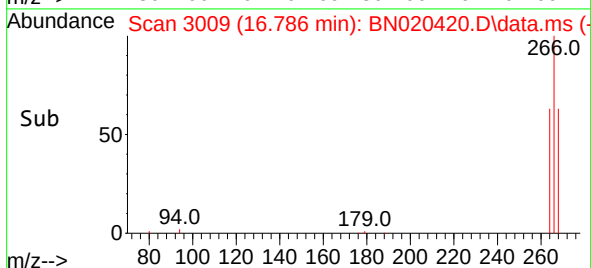
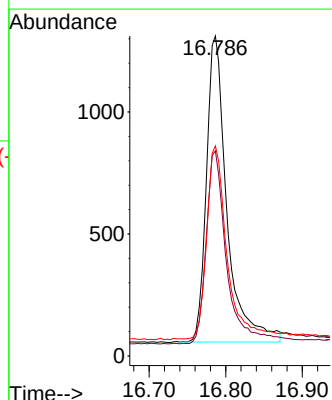
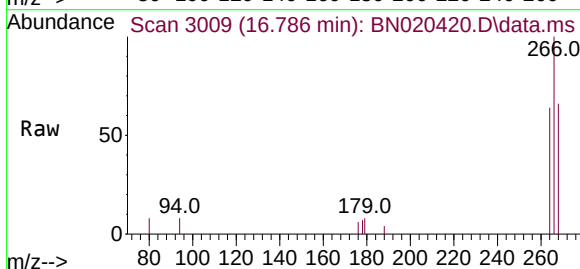
Tgt Ion:266 Resp: 2340

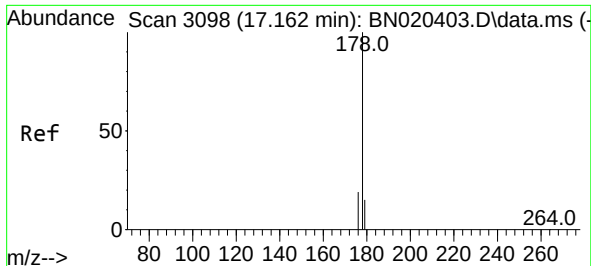
Ion Ratio Lower Upper

266 100

264 62.9 51.6 77.4

268 62.3 51.5 77.3

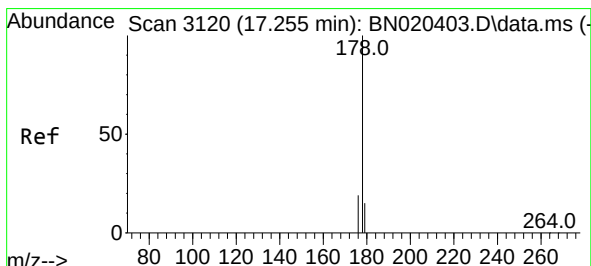
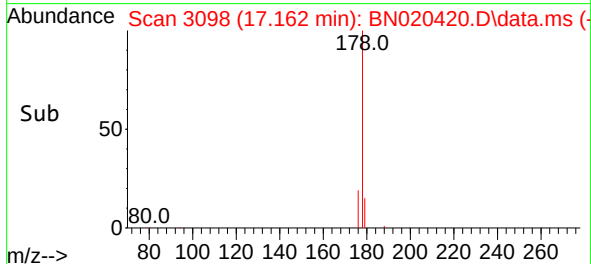
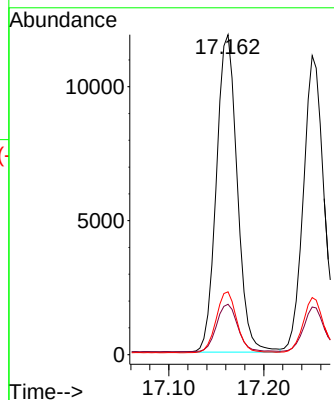
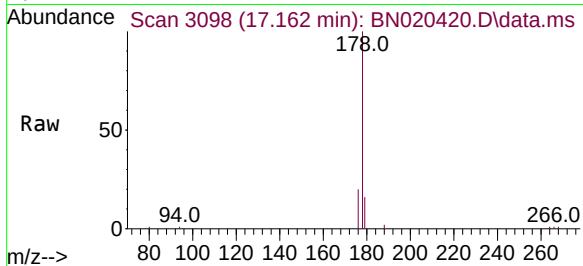




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.002 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

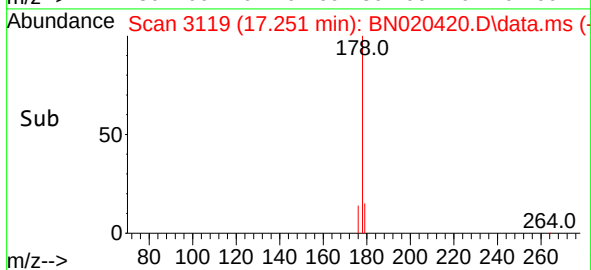
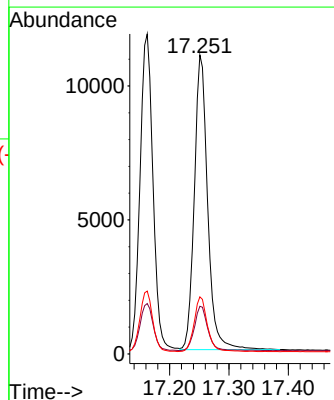
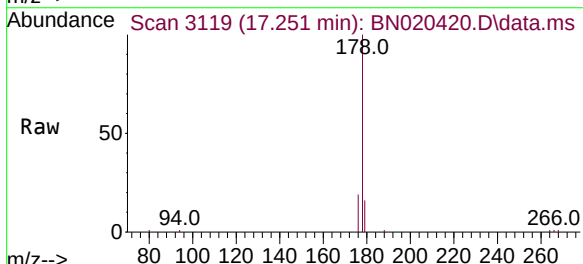
Instrument :
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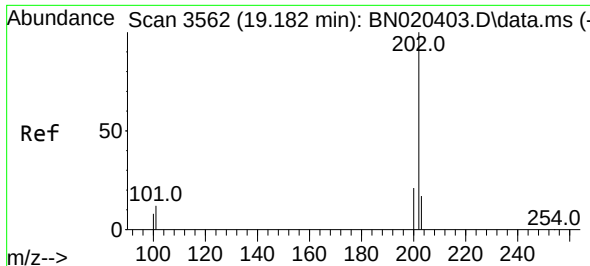
Tgt Ion:178 Resp: 17999
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:178 Resp: 17150
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.1 15.2 22.8

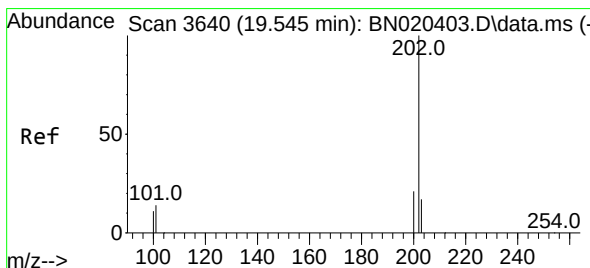
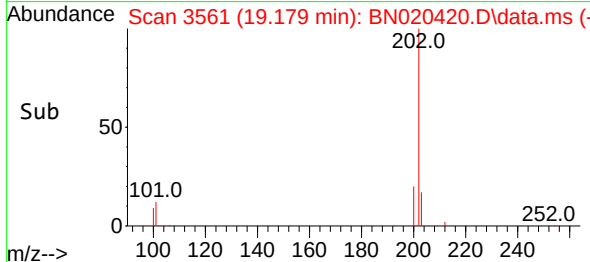
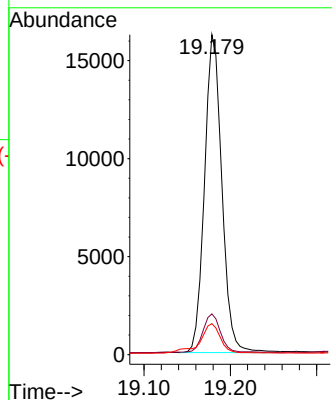
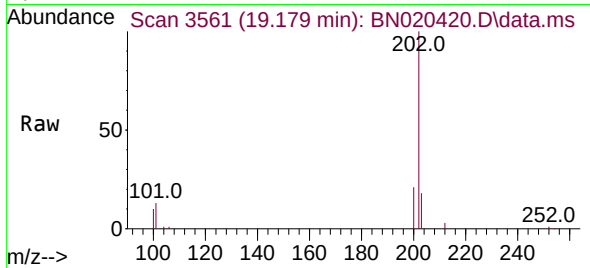




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

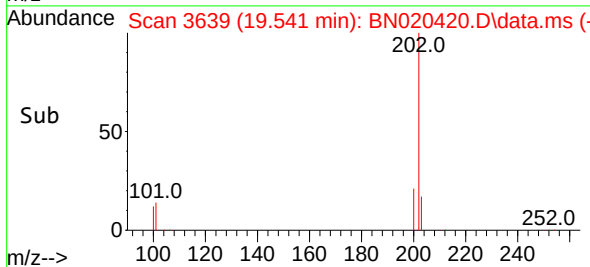
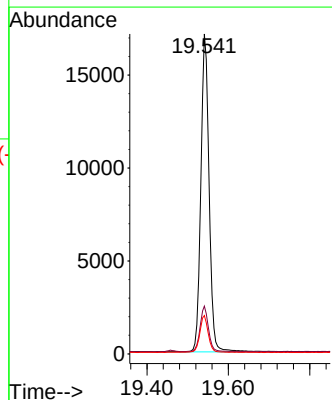
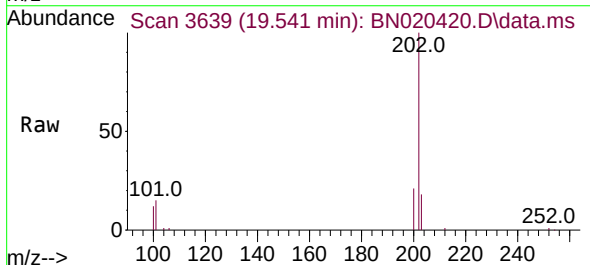
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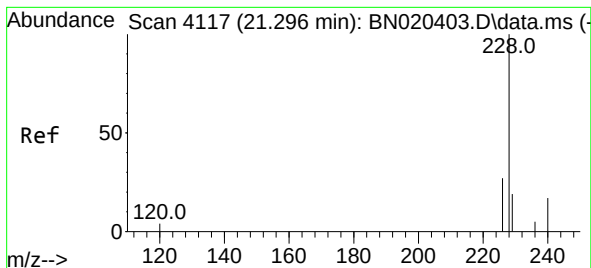
Tgt Ion:202 Resp: 22693
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:202 Resp: 24036
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.0 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.417 ng/ul

RT: 21.292 min Scan# 4117

Delta R.T. -0.003 min

Lab File: BN020420.D

Acq: 25 Jun 2022 05:23

Instrument :

BNA_N

ClientSampleId :

SLCS687

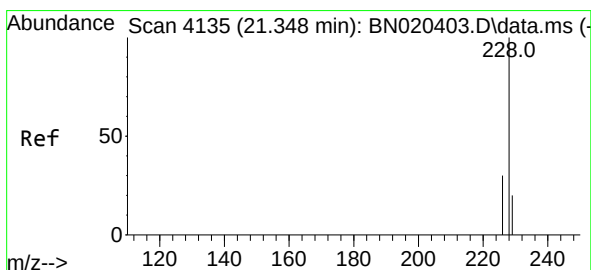
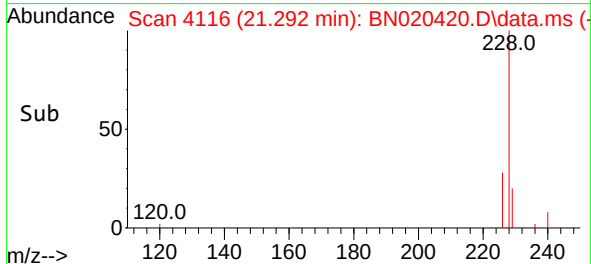
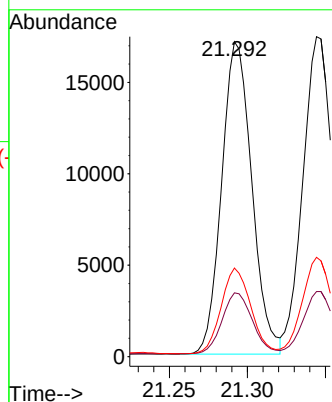
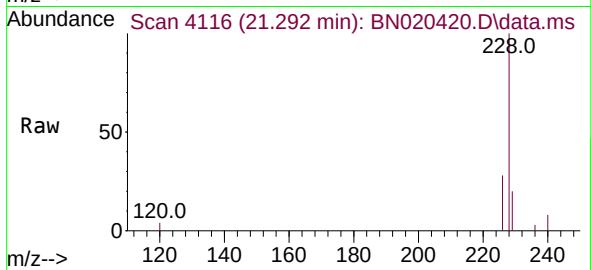
Tgt Ion:228 Resp: 23001

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 28.1 22.2 33.2



#22

Chrysene

Concen: 0.381 ng/ul

RT: 21.344 min Scan# 4134

Delta R.T. -0.003 min

Lab File: BN020420.D

Acq: 25 Jun 2022 05:23

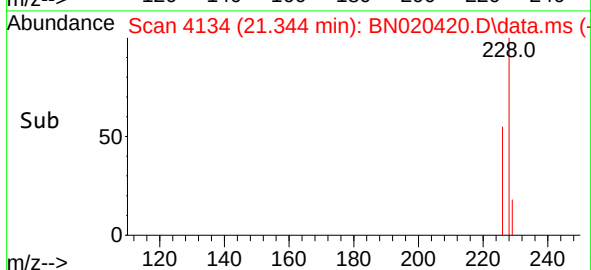
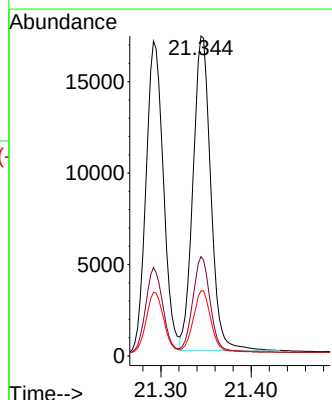
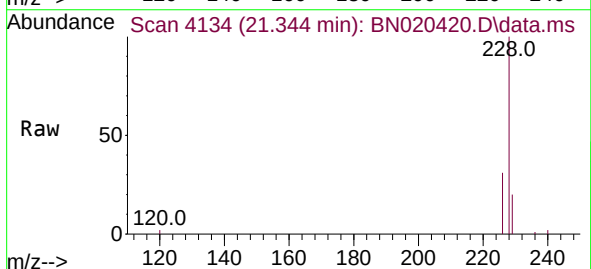
Tgt Ion:228 Resp: 23377

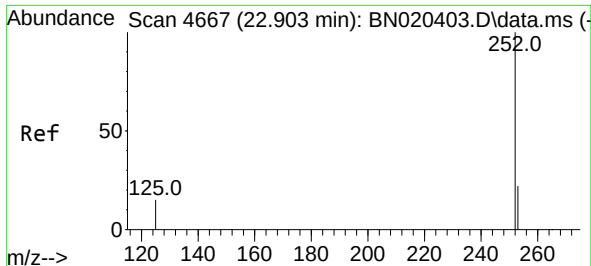
Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

229 20.3 15.8 23.8

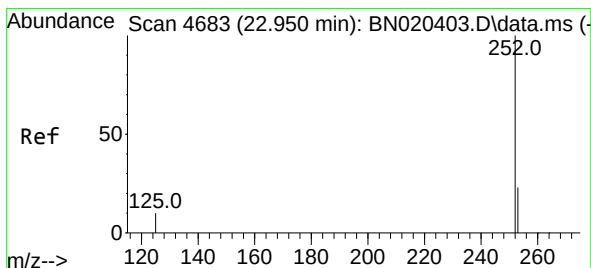
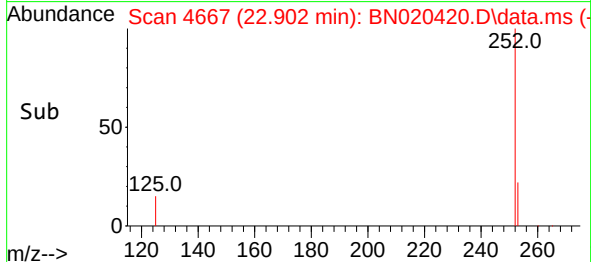
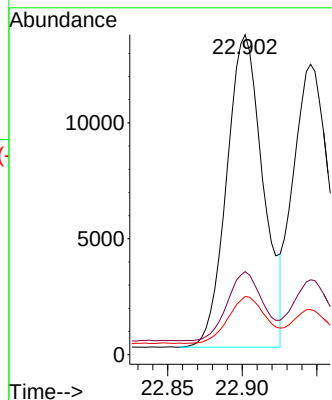
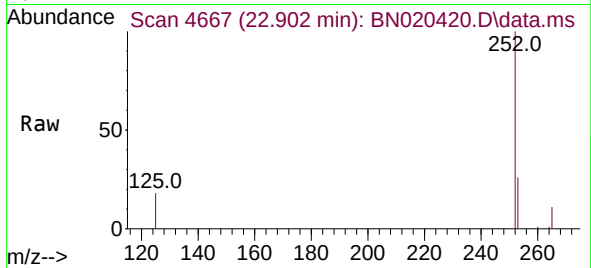




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.902 min Scan# 4667
Delta R.T. -0.003 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

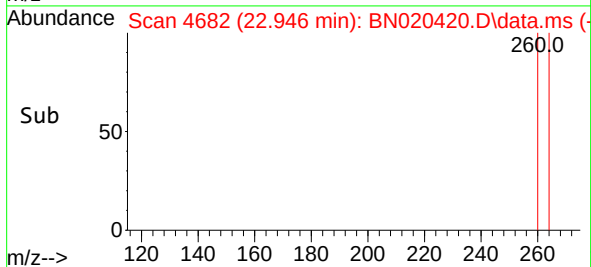
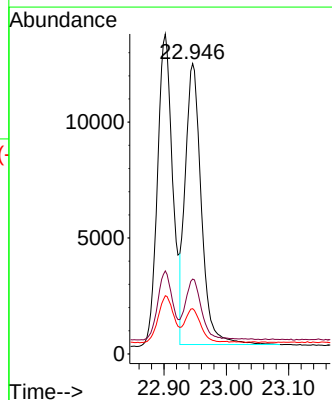
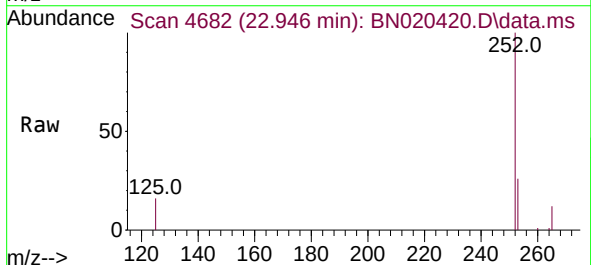
Instrument :
BNA_N
ClientSampleId :
SLCS687

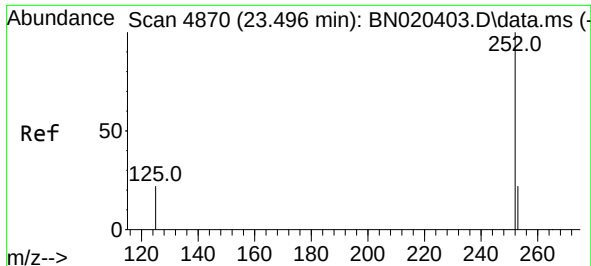
Tgt Ion:252 Resp: 22918
Ion Ratio Lower Upper
252 100
253 25.9 0.0 48.6
125 18.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.946 min Scan# 4682
Delta R.T. -0.006 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:252 Resp: 21772
Ion Ratio Lower Upper
252 100
253 25.8 19.7 29.5
125 15.6 12.0 18.0

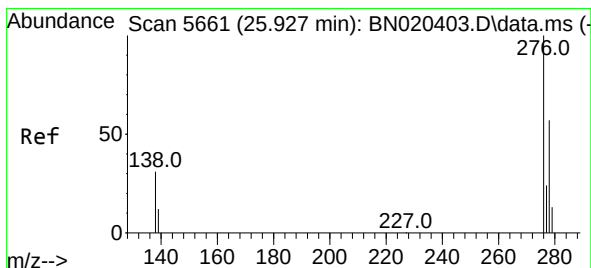
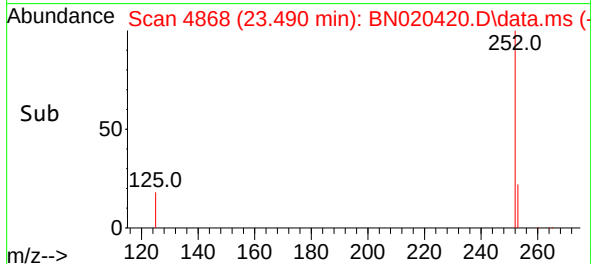
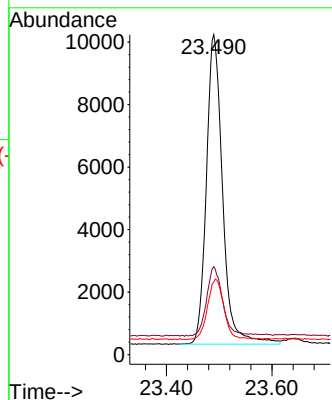
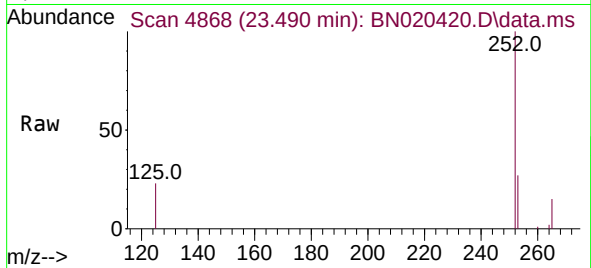




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.490 min Scan# 4870
Delta R.T. -0.003 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

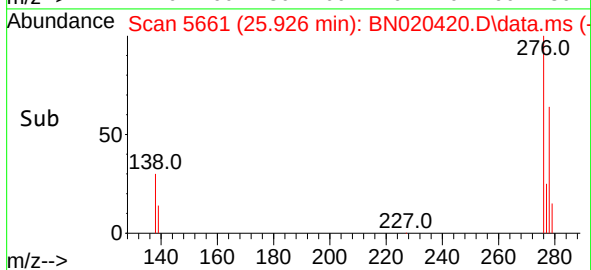
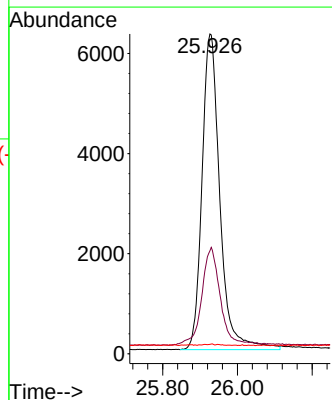
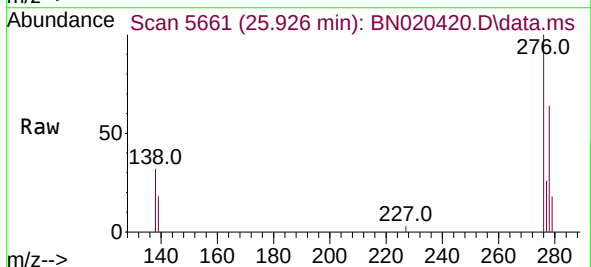
Instrument :
BNA_N
ClientSampleId :
SLCS687

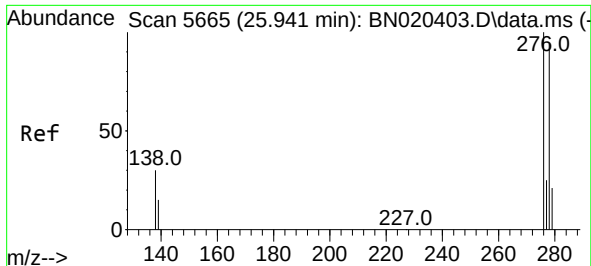
Tgt Ion:	252	Resp:	21147
Ion Ratio	Lower	Upper	
252	100		
253	27.5	21.0	31.4
125	22.7	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 25.926 min Scan# 5661
Delta R.T. -0.007 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:	276	Resp:	20884
Ion Ratio	Lower	Upper	
276	100		
138	32.3	27.4	41.2
227	0.1	0.2	0.2

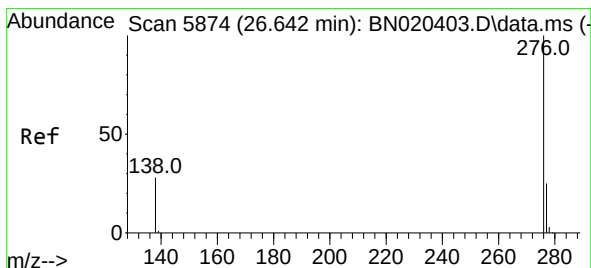
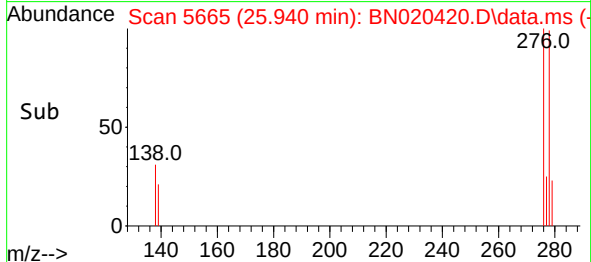
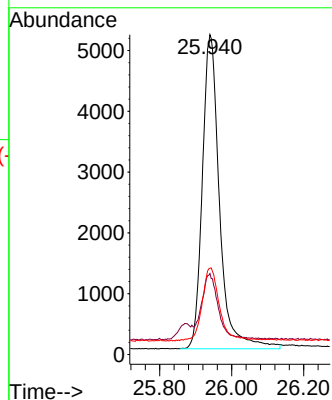
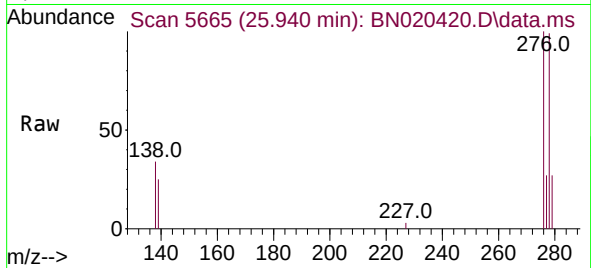




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.940 min Scan# 5665
Delta R.T. -0.010 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Instrument :
BNA_N
ClientSampleId :
SLCS687

Tgt Ion:278 Resp: 17075
Ion Ratio Lower Upper
278 100
139 25.3 18.8 28.2
279 27.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.641 min Scan# 5874
Delta R.T. -0.007 min
Lab File: BN020420.D
Acq: 25 Jun 2022 05:23

Tgt Ion:276 Resp: 17784
Ion Ratio Lower Upper
276 100
138 28.4 23.5 35.3
277 25.5 20.1 30.1

