

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020271.D
 Acq On : 20 Jun 2022 10:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4371

Quant Time: Jun 21 02:37:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

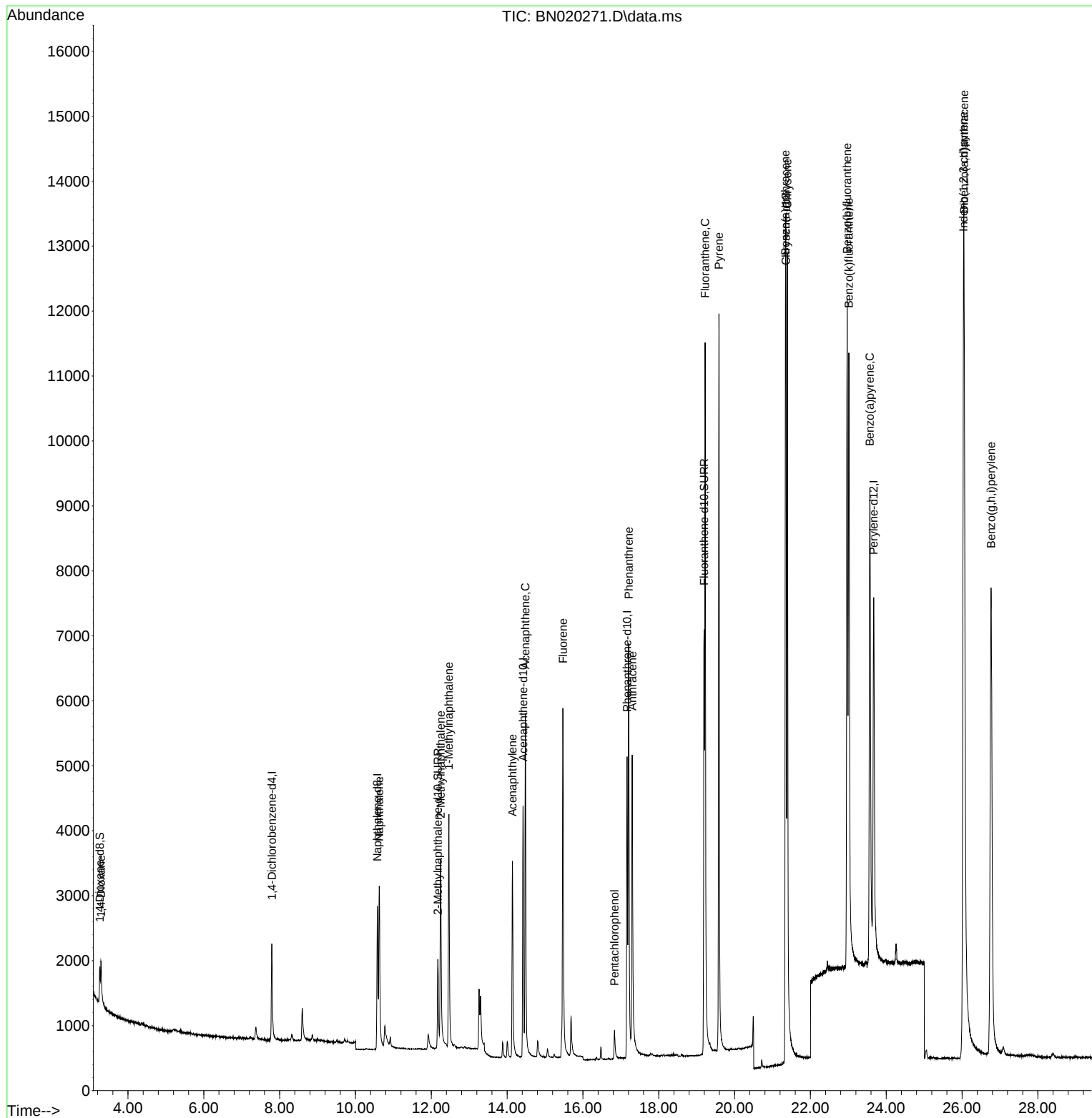
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1046	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	3761	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	2575	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	6324	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	8266	0.400	ng/ul	0.00
23) Perylene-d12	23.668	264	8718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	460	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	2326	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.195	212	8097	0.475	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	412	0.358	ng/ul#	90
5) Naphthalene	10.627	128	4197	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.249	142	2713	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	2867	0.375	ng/ul	98
10) Acenaphthylene	14.140	152	4439	0.360	ng/ul	99
11) Acenaphthene	14.482	153	3608	0.306	ng/ul	98
12) Fluorene	15.472	166	4368	0.358	ng/ul	100
14) Pentachlorophenol	16.832	266	439	0.361	ng/ul	98
15) Phenanthrene	17.207	178	7929	0.346	ng/ul	99
16) Anthracene	17.300	178	6808	0.352	ng/ul	99
19) Fluoranthene	19.223	202	10331	0.310	ng/ul	99
20) Pyrene	19.586	202	11035	0.305	ng/ul	100
21) Benzo(a)anthracene	21.341	228	10161	0.317	ng/ul	99
22) Chrysene	21.394	228	12319	0.308	ng/ul	99
24) Benzo(b)fluoranthene	22.969	252	14171	0.228	ng/ul	99
25) Benzo(k)fluoranthene	23.013	252	14505	0.250	ng/ul	99
26) Benzo(a)pyrene	23.569	252	13306	0.337	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.037	276	19111	0.298	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.054	278	15360	0.300	ng/ul	100
29) Benzo(g,h,i)perylene	26.768	276	17424	0.308	ng/ul	99

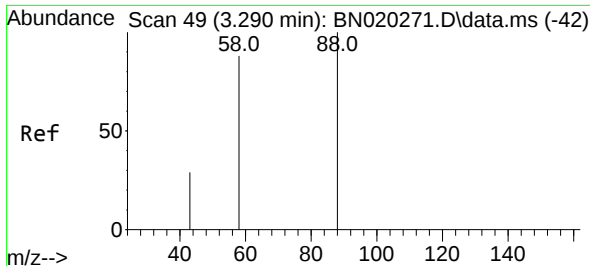
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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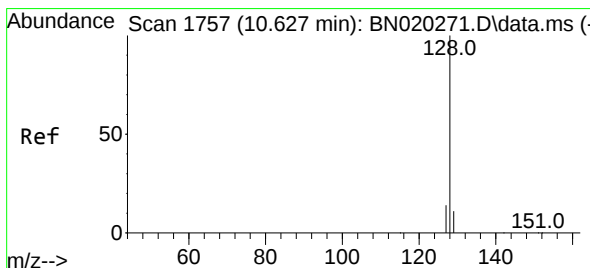
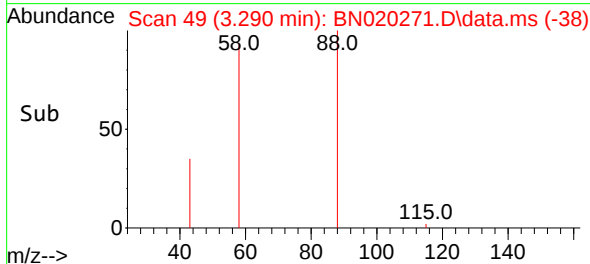
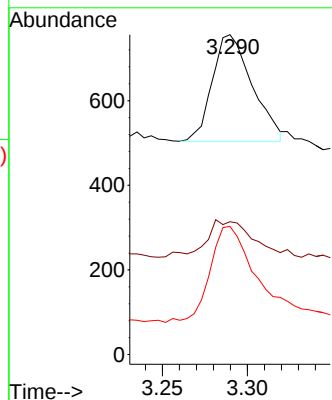
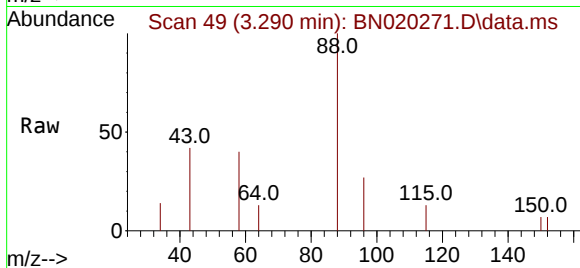




#2
 1,4-Dioxane
 Concen: 0.358 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020271.D
 Acq: 20 Jun 2022 10:41

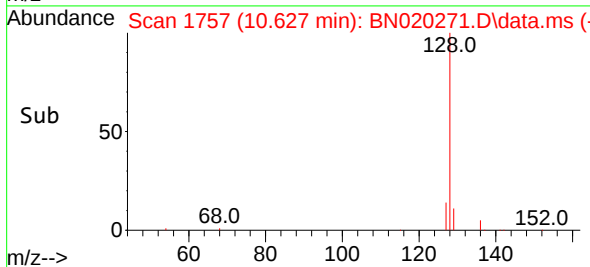
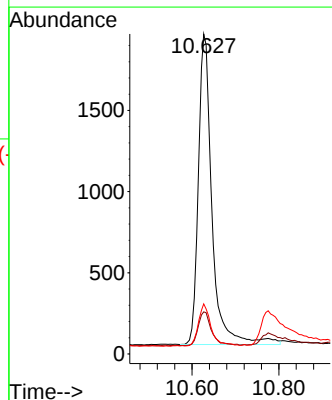
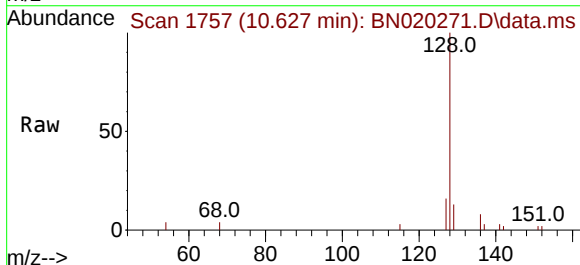
Instrument :
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 ClientSampleId :
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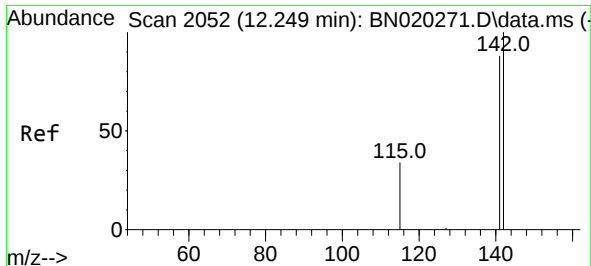
Tgt Ion: 88 Resp: 412
 Ion Ratio Lower Upper
 88 100
 43 41.5 31.6 47.4
 58 40.1 23.8 35.6#



#5
 Naphthalene
 Concen: 0.349 ng/ul
 RT: 10.627 min Scan# 1757
 Delta R.T. -0.007 min
 Lab File: BN020271.D
 Acq: 20 Jun 2022 10:41

Tgt Ion: 128 Resp: 4197
 Ion Ratio Lower Upper
 128 100
 129 13.1 11.0 16.4
 127 15.7 12.8 19.2

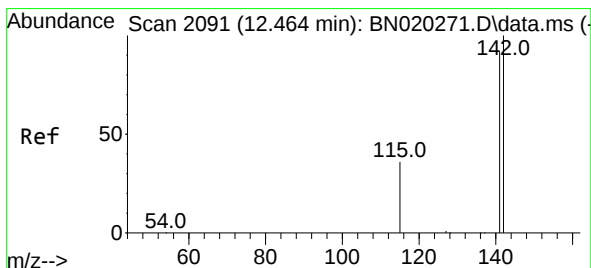
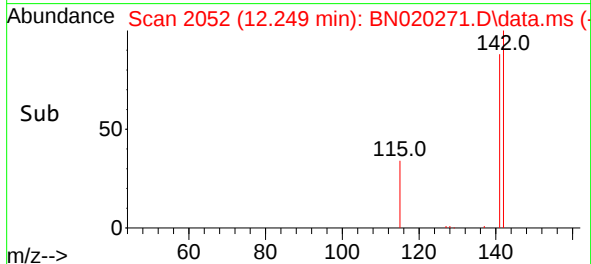
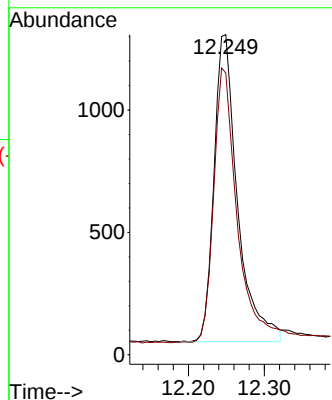
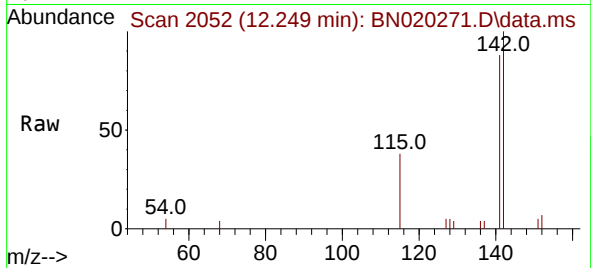




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.249 min Scan# 2052
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

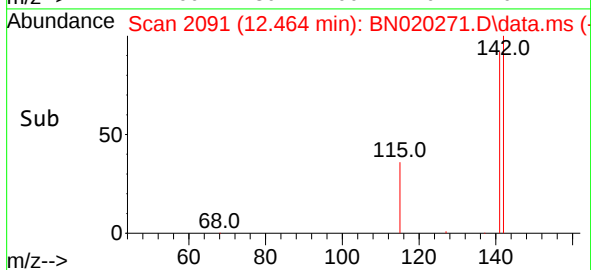
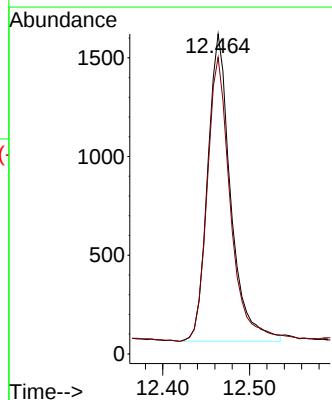
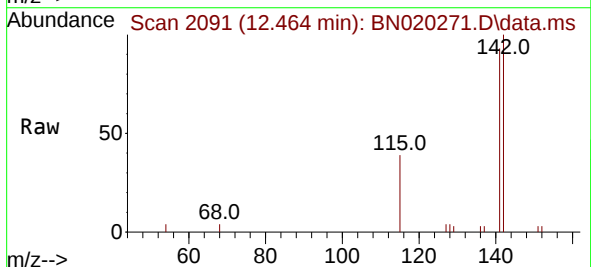
Instrument :
BNA_N
ClientSampleId :
SSTD0.4371

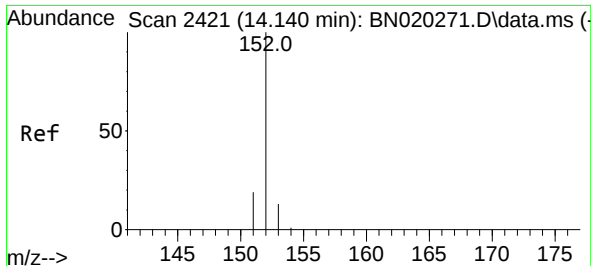
Tgt Ion:142 Resp: 2713
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:142 Resp: 2867
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0

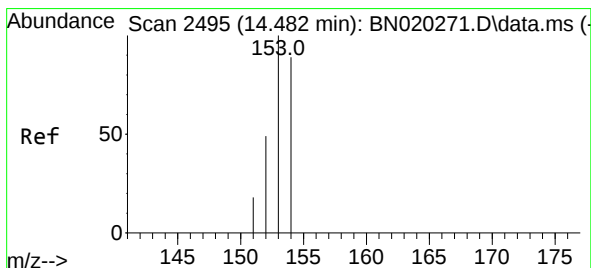
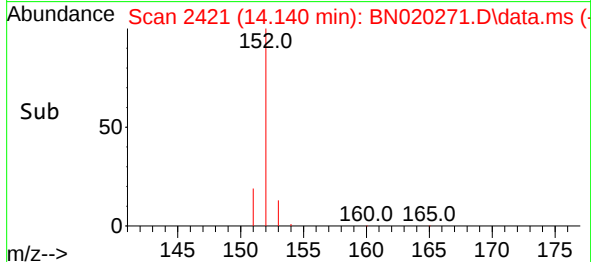
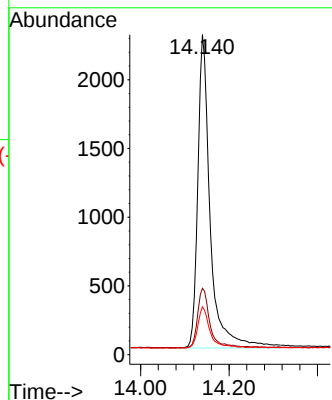
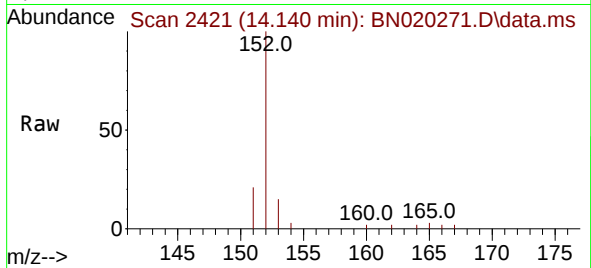




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.140 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

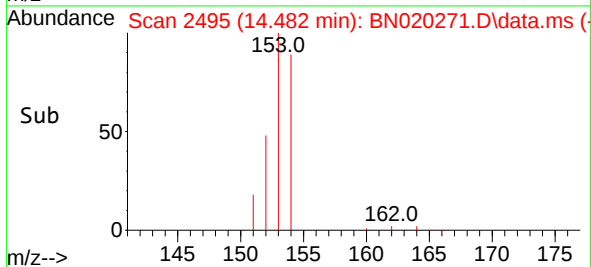
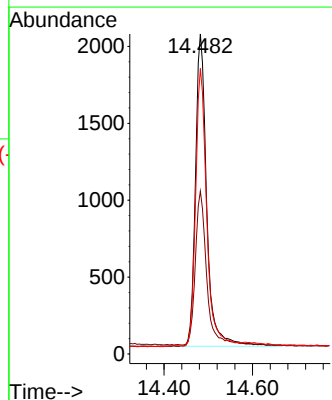
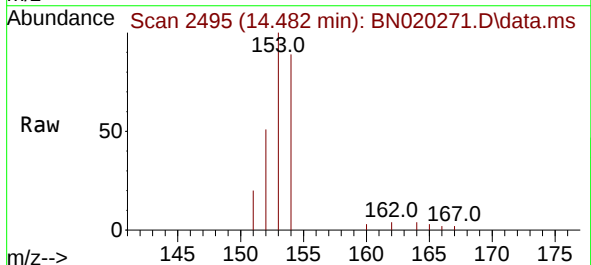
Instrument :
BNA_N
ClientSampleId :
SSTD0.4371

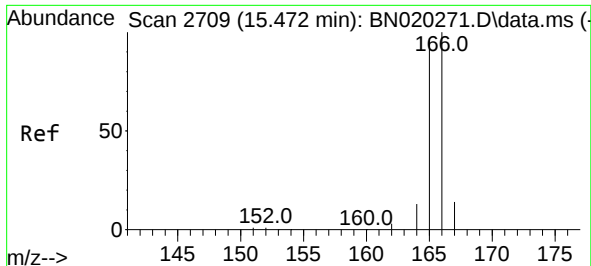
Tgt Ion:152 Resp: 4439
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 14.9 11.7 17.5



#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:153 Resp: 3608
Ion Ratio Lower Upper
153 100
152 50.9 39.9 59.9
154 89.2 69.2 103.8

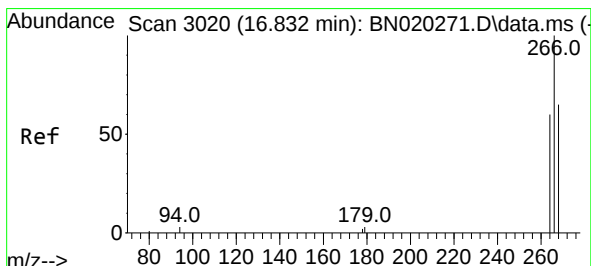
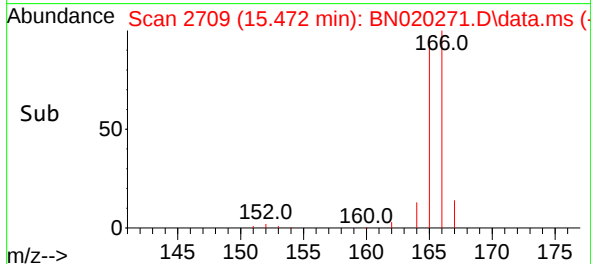
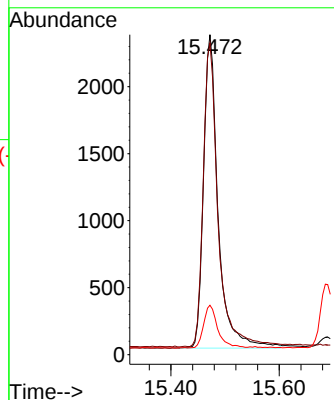
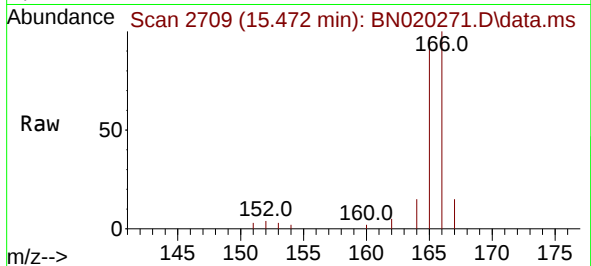




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.472 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

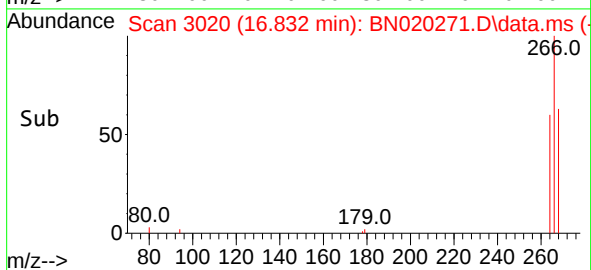
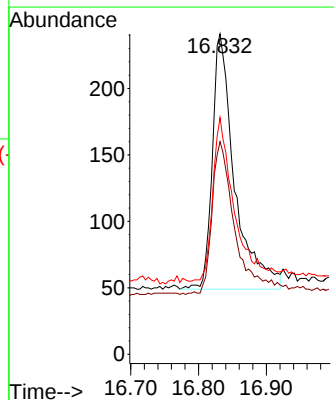
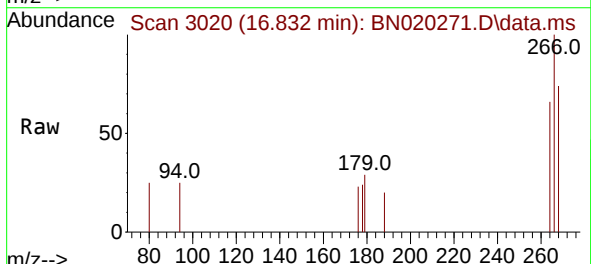
Instrument :
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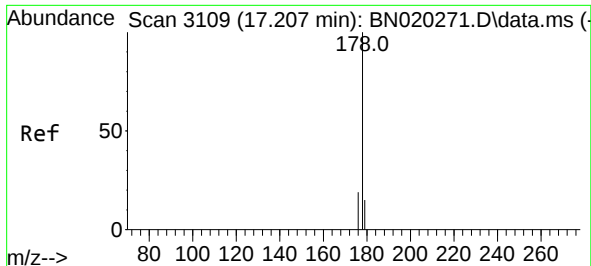
Tgt Ion:166 Resp: 4368
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 15.5 12.1 18.1



#14
Pentachlorophenol
Concen: 0.361 ng/ul
RT: 16.832 min Scan# 3020
Delta R.T. -0.006 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:266 Resp: 439
Ion Ratio Lower Upper
266 100
264 61.7 49.8 74.8
268 62.0 51.8 77.6

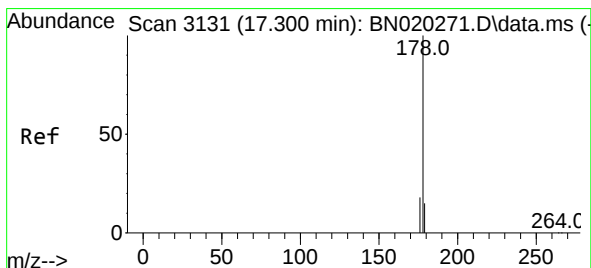
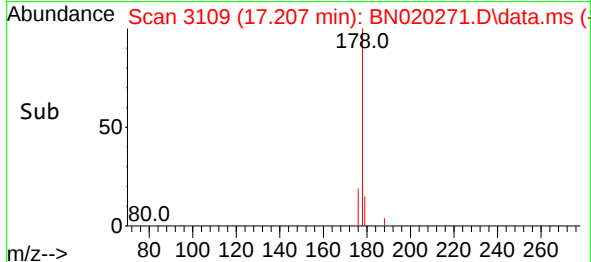
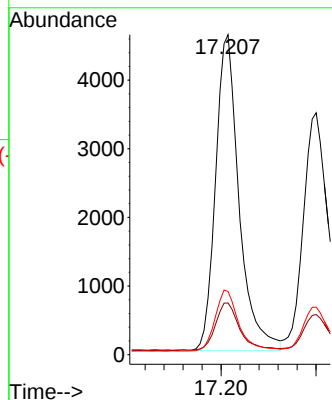
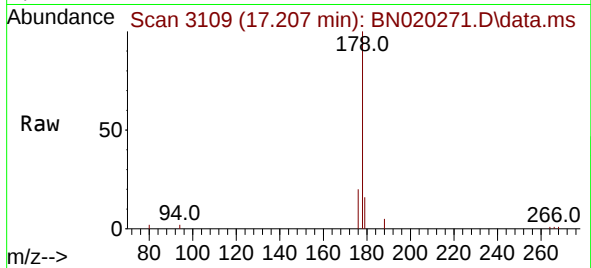




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.207 min Scan# 3109
Delta R.T. 0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

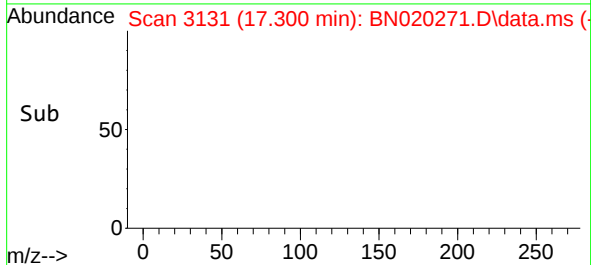
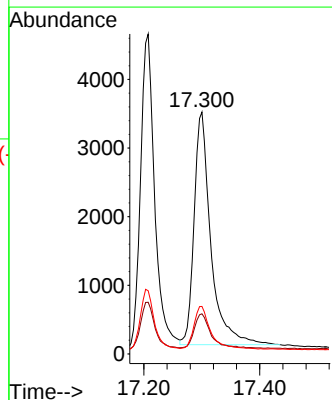
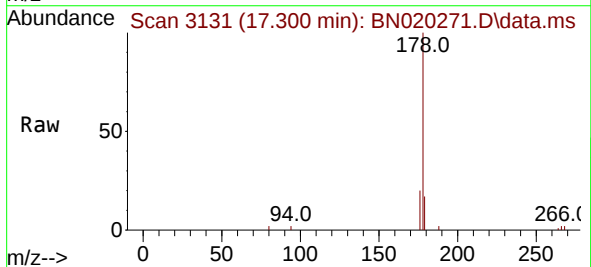
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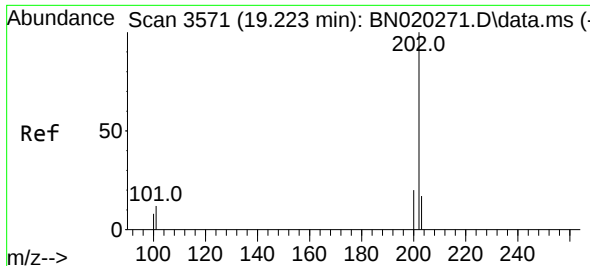
Tgt Ion:178 Resp: 7929
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.300 min Scan# 3131
Delta R.T. -0.001 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:178 Resp: 6808
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.8
176 19.7 15.6 23.4

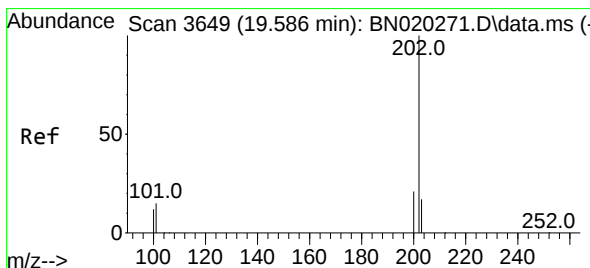
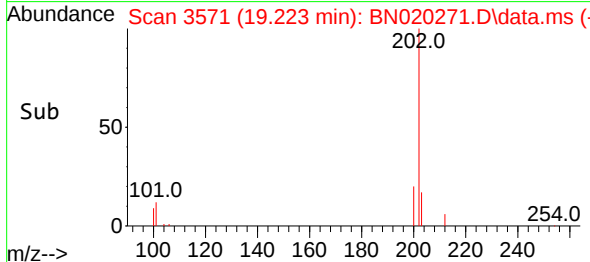
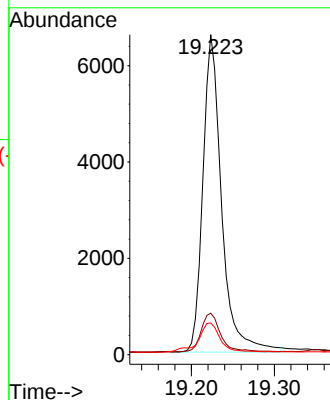
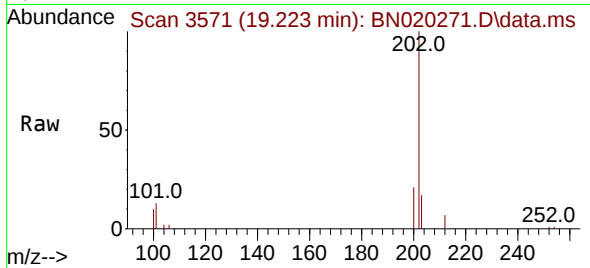




#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.223 min Scan# 3571
Delta R.T. -0.002 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

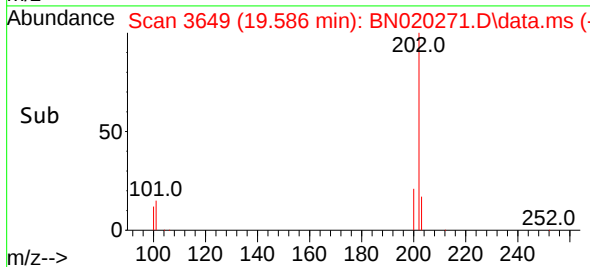
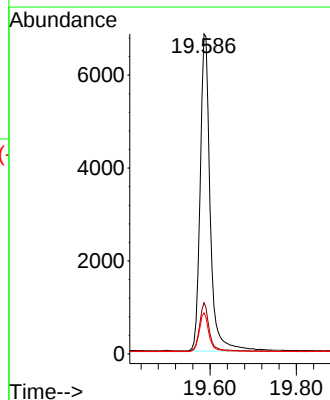
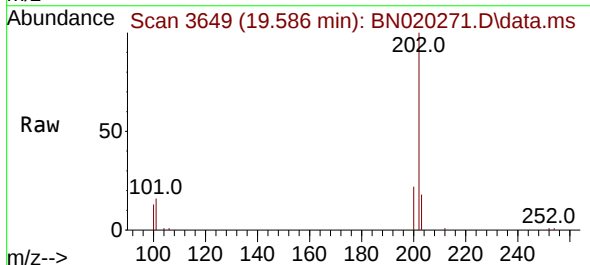
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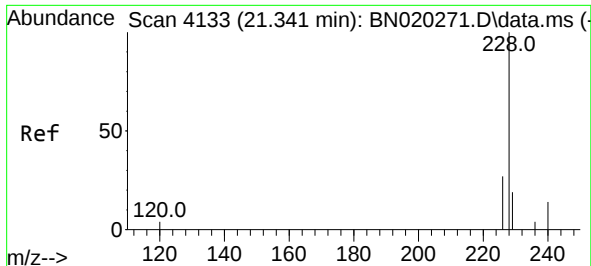
Tgt Ion:202 Resp: 10331
Ion Ratio Lower Upper
202 100
101 12.9 9.9 14.9
100 9.9 7.6 11.4



#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.586 min Scan# 3649
Delta R.T. 0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:202 Resp: 11035
Ion Ratio Lower Upper
202 100
101 16.0 12.6 19.0
100 12.8 10.3 15.5

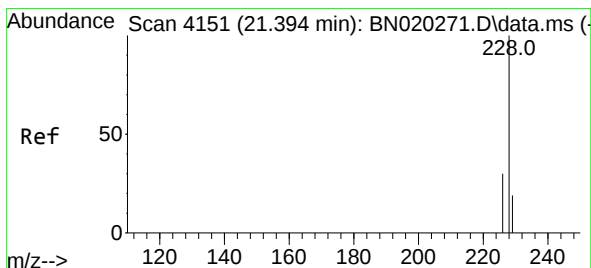
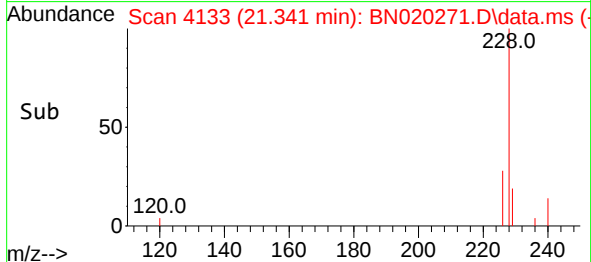
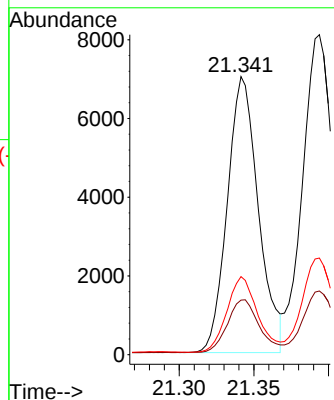
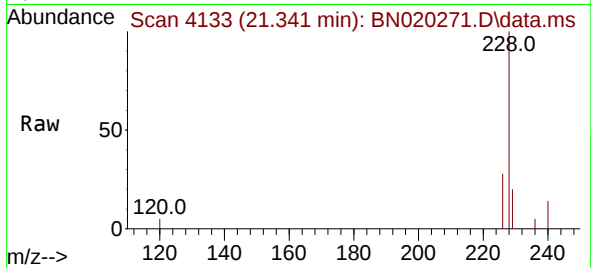




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.341 min Scan# 4133
Delta R.T. 0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

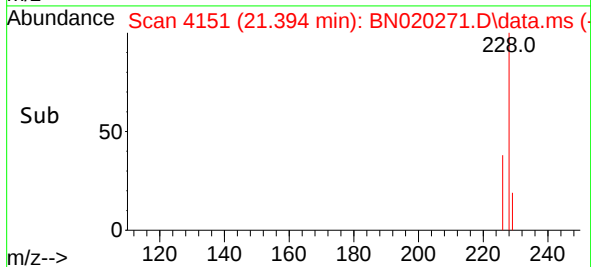
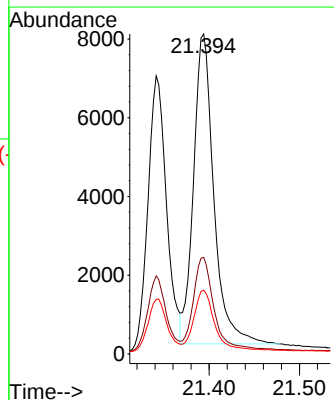
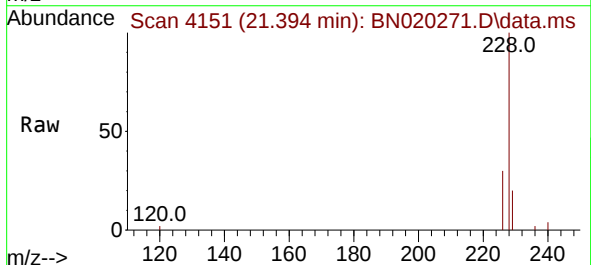
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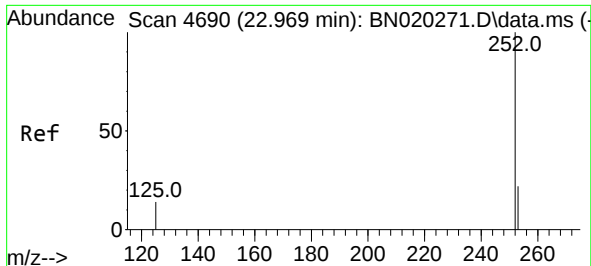
Tgt Ion:228 Resp: 10161
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 28.1 21.8 32.6



#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.394 min Scan# 4151
Delta R.T. 0.006 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

Tgt Ion:228 Resp: 12319
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 19.9 16.0 24.0

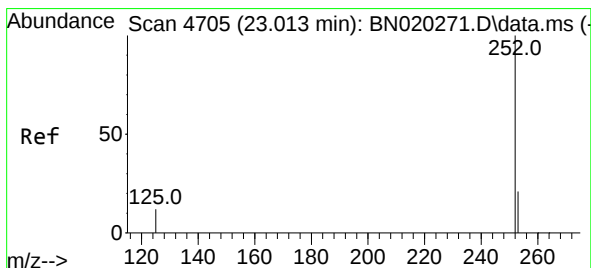
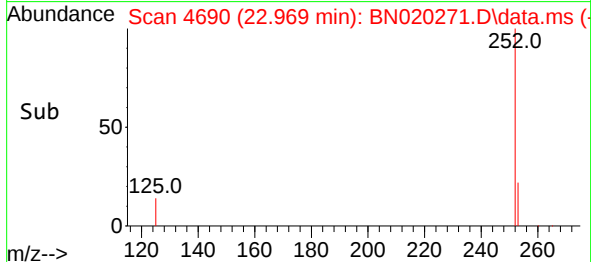
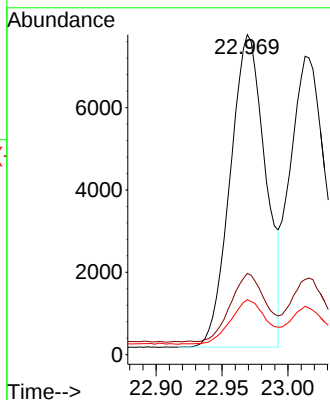
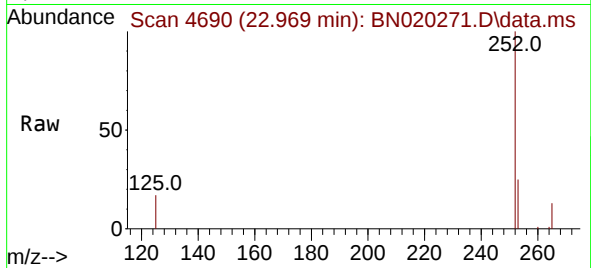




#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul
RT: 22.969 min Scan# 4690
Delta R.T. 0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

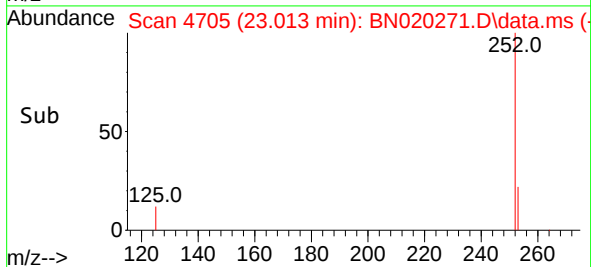
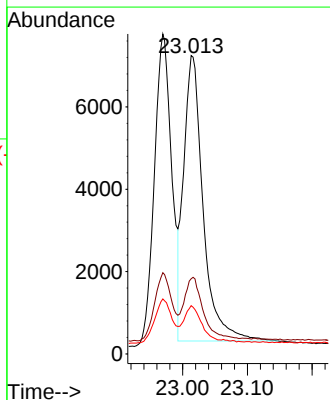
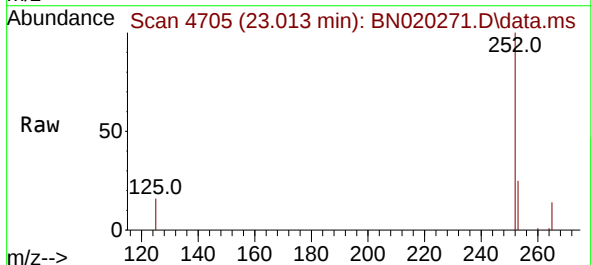
Instrument :
BNA_N
ClientSampleId :
SSTD0.4371

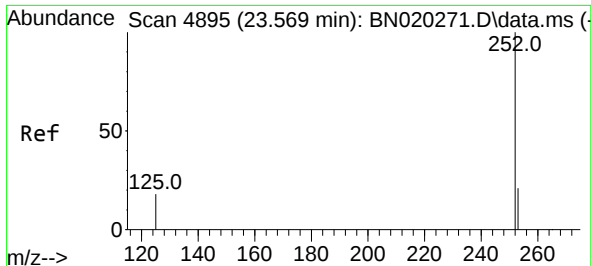
Tgt Ion:252 Resp: 14171
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.4
125 17.2 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul
RT: 23.013 min Scan# 4705
Delta R.T. 0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

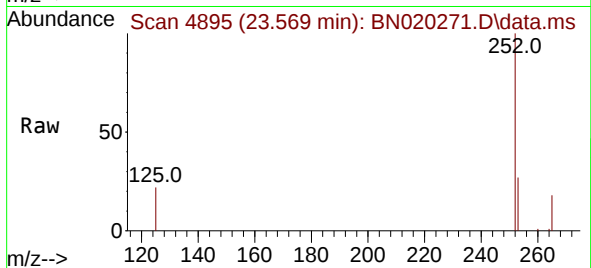
Tgt Ion:252 Resp: 14505
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 16.2 12.3 18.5



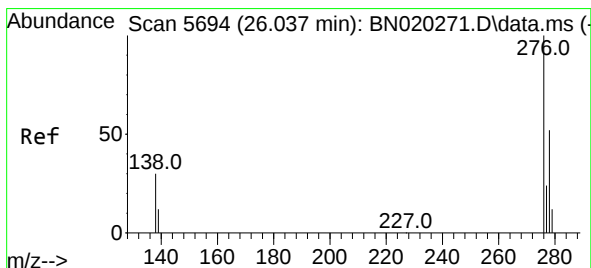
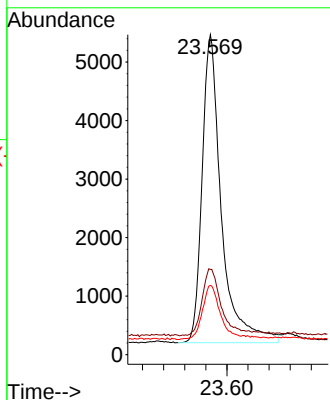
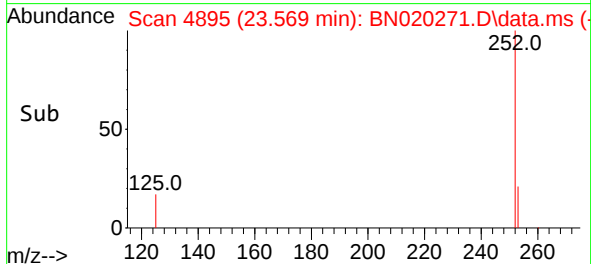


#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.569 min Scan# 4895
Delta R.T. 0.006 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41

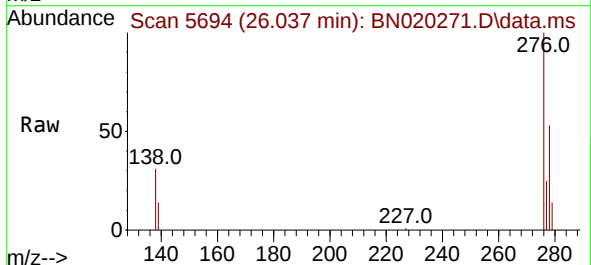
Instrument :
BNA_N
ClientSampleId :
SSTD0.4371



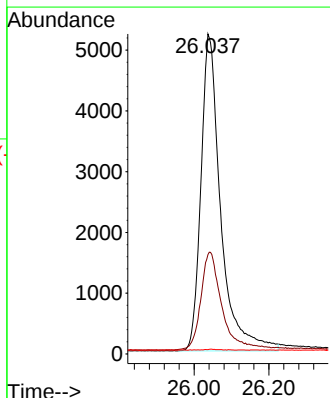
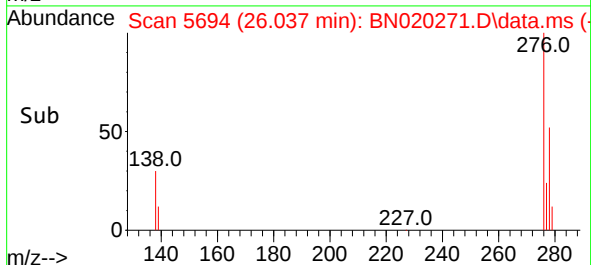
Tgt Ion:252 Resp: 13306
Ion Ratio Lower Upper
252 100
253 26.6 21.7 32.5
125 21.6 18.6 28.0

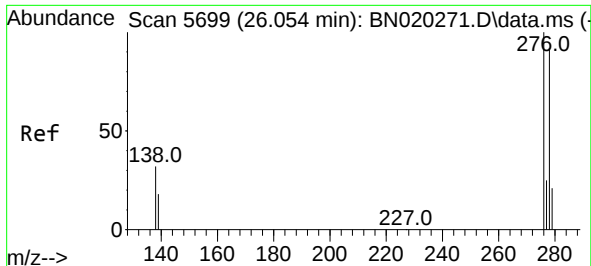


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.037 min Scan# 5694
Delta R.T. -0.003 min
Lab File: BN020271.D
Acq: 20 Jun 2022 10:41



Tgt Ion:276 Resp: 19111
Ion Ratio Lower Upper
276 100
138 33.2 26.5 39.7
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.300 ng/ul

RT: 26.054 min Scan# 5699

Delta R.T. 0.003 min

Lab File: BN020271.D

Acq: 20 Jun 2022 10:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.4371

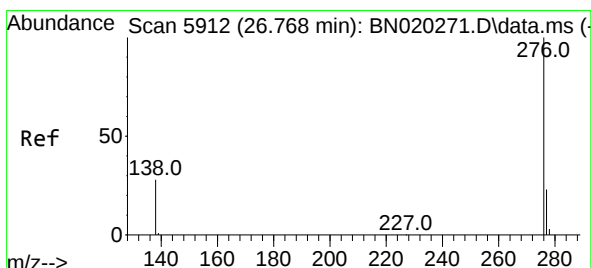
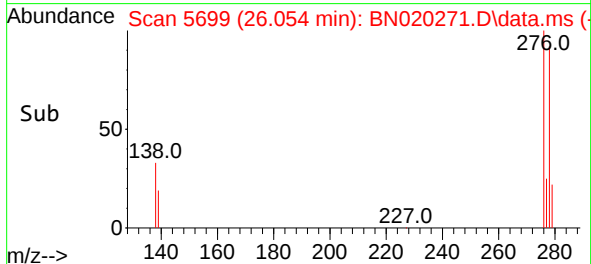
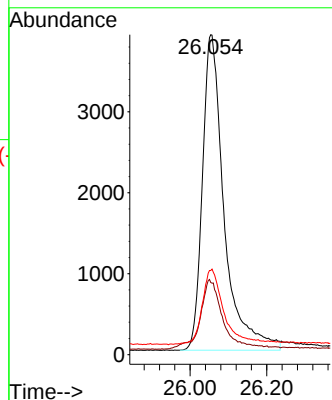
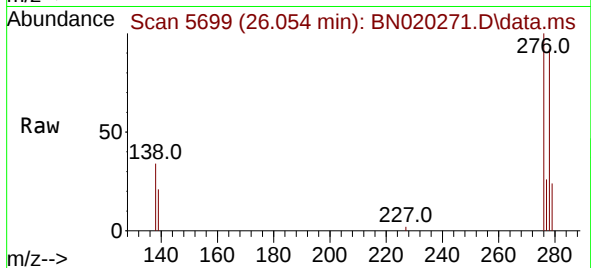
Tgt Ion:278 Resp: 15360

Ion Ratio Lower Upper

278 100

139 22.5 18.2 27.2

279 26.3 20.8 31.2



#29

Benzo(g,h,i)perylene

Concen: 0.308 ng/ul

RT: 26.768 min Scan# 5912

Delta R.T. 0.003 min

Lab File: BN020271.D

Acq: 20 Jun 2022 10:41

Tgt Ion:276 Resp: 17424

Ion Ratio Lower Upper

276 100

138 28.9 23.0 34.4

277 24.0 19.7 29.5

