

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020424.D
 Acq On : 25 Jun 2022 08:23
 Operator : CG/JU
 Sample : PB145555BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:41:55 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

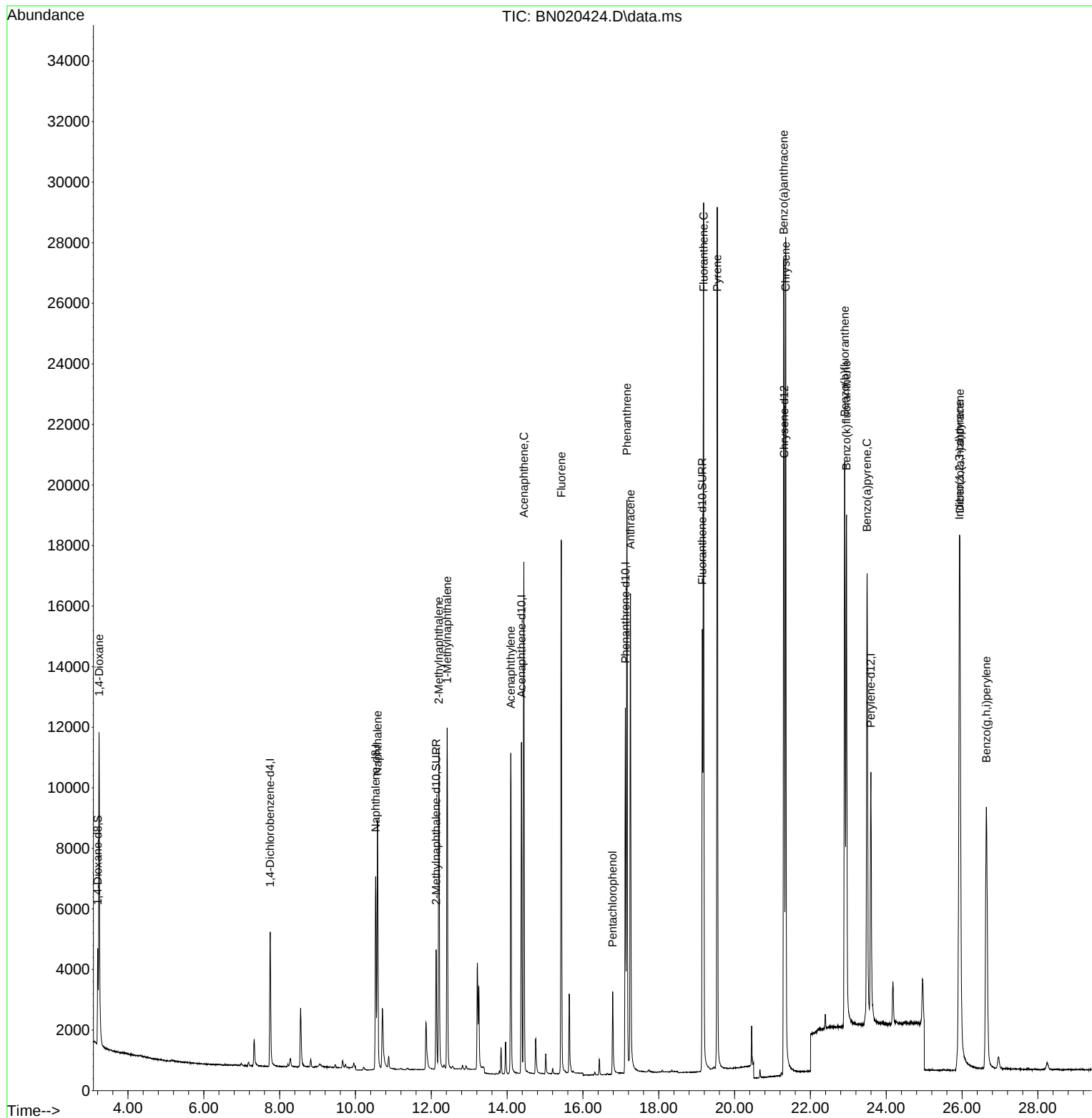
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	2737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.533	136	9127	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.380	164	6294	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.118	188	14553	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	13348	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	11426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2182	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	5654	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	16668	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	6877	2.124	ng/ul#	82
5) Naphthalene	10.583	128	11956	0.424	ng/ul	99
7) 2-Methylnaphthalene	12.200	142	8129	0.431	ng/ul	99
8) 1-Methylnaphthalene	12.420	142	8257	0.462	ng/ul	100
10) Acenaphthylene	14.098	152	12872	0.432	ng/ul	99
11) Acenaphthene	14.440	153	9932	0.416	ng/ul	99
12) Fluorene	15.430	166	11851	0.419	ng/ul	100
14) Pentachlorophenol	16.785	266	2079	0.709	ng/ul	100
15) Phenanthrene	17.161	178	20935	0.414	ng/ul	100
16) Anthracene	17.254	178	18755	0.429	ng/ul	100
19) Fluoranthene	19.181	202	25176	0.413	ng/ul	98
20) Pyrene	19.544	202	26124	0.413	ng/ul	100
21) Benzo(a)anthracene	21.294	228	23090	0.482	ng/ul	100
22) Chrysene	21.347	228	24842	0.466	ng/ul	99
24) Benzo(b)fluoranthene	22.905	252	24077	0.455	ng/ul	99
25) Benzo(k)fluoranthene	22.951	252	23492	0.440	ng/ul	98
26) Benzo(a)pyrene	23.492	252	22428	0.467	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.930	276	23077	0.483	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.943	278	18705	0.484	ng/ul	98
29) Benzo(g,h,i)perylene	26.641	276	19596	0.477	ng/ul	98

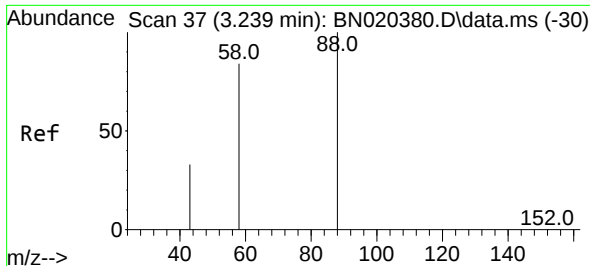
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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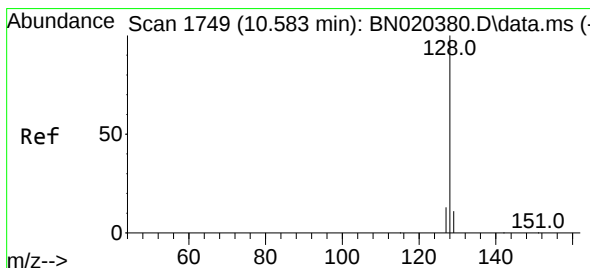
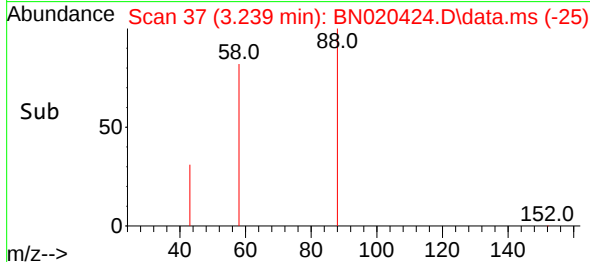
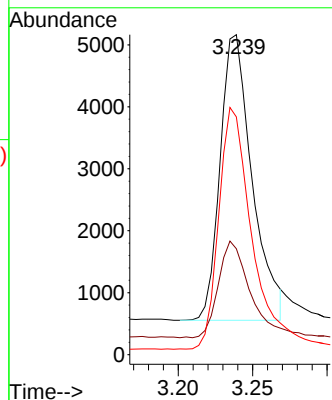
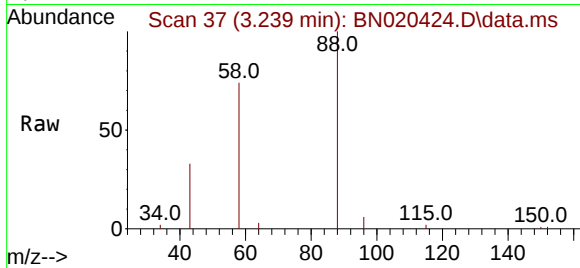




#2
1,4-Dioxane
Concen: 2.124 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

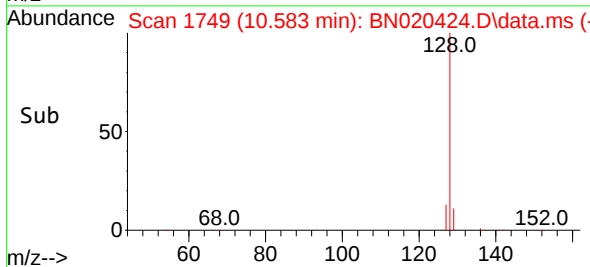
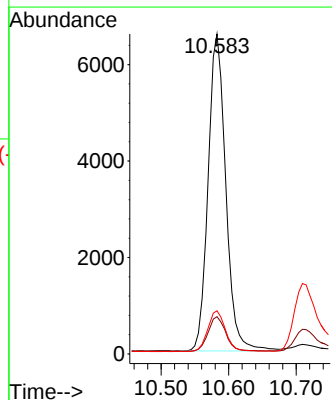
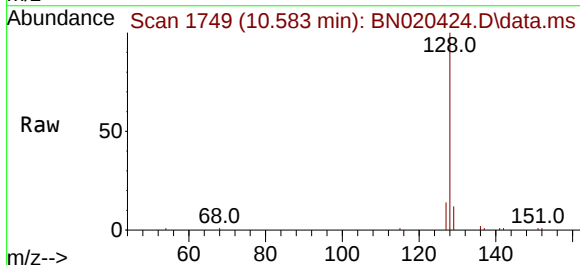
Instrument :
BNA_N
ClientSampleId :

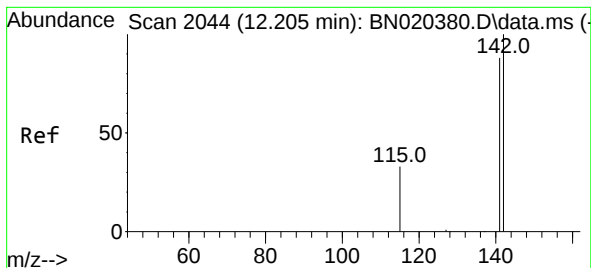
Tgt Ion: 88 Resp: 6877
Ion Ratio Lower Upper
88 100
43 33.1 32.5 48.7
58 74.3 46.2 69.2#



#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.583 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Tgt Ion:128 Resp: 11956
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.5 11.3 16.9

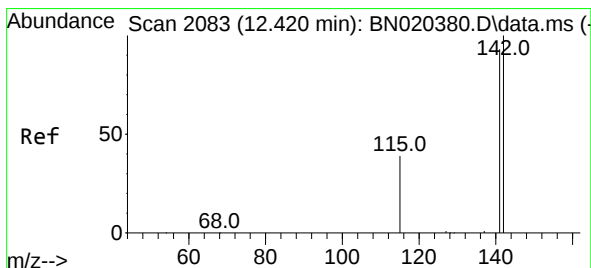
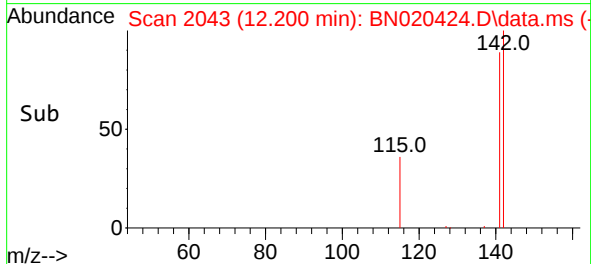
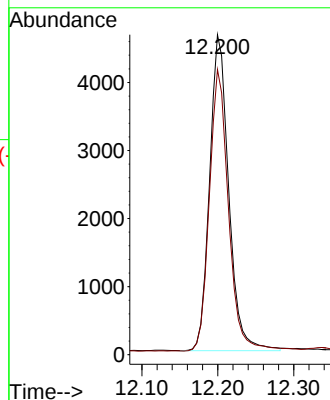
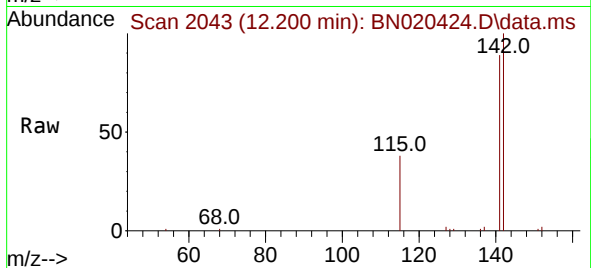




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.200 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

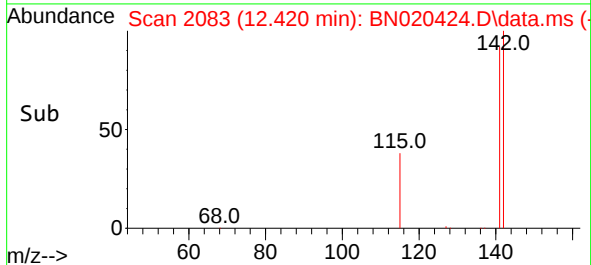
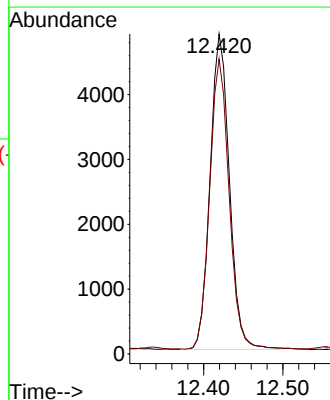
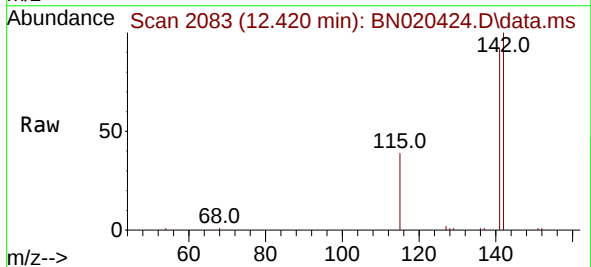
Instrument :
BNA_N
ClientSampleId :

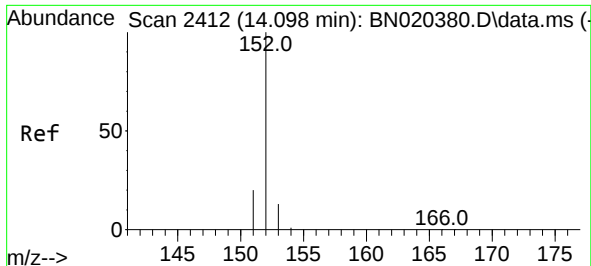
Tgt Ion:142 Resp: 8129
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Tgt Ion:142 Resp: 8257
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

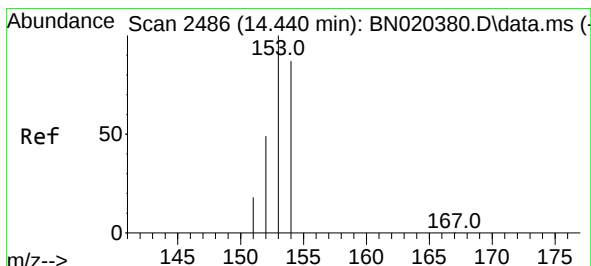
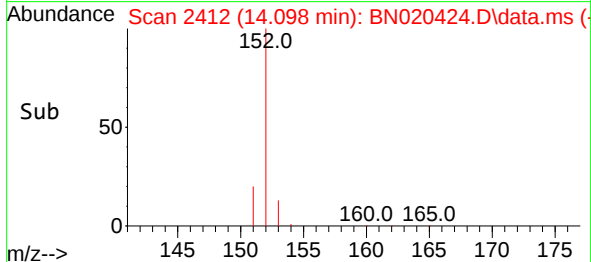
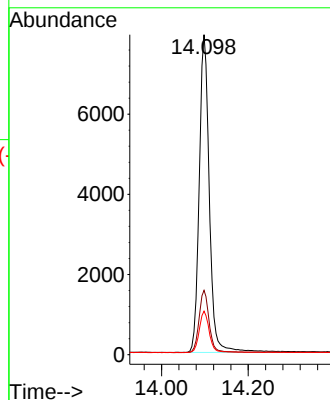
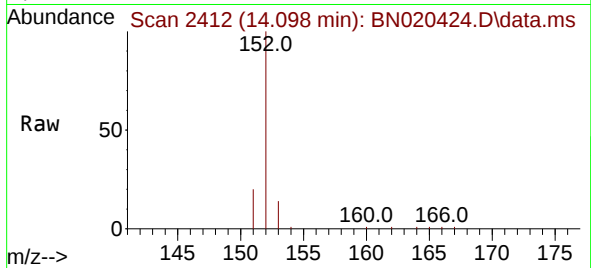




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.098 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

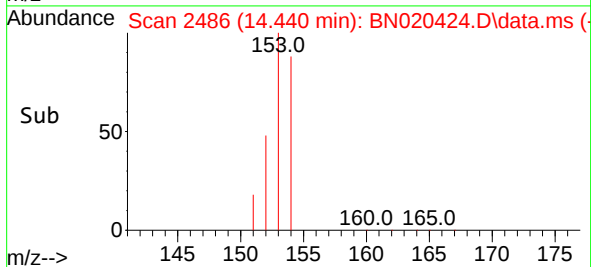
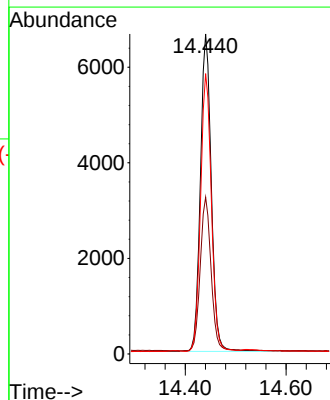
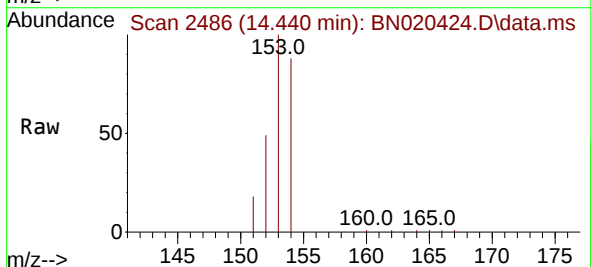
Instrument :
BNA_N
ClientSampleId :

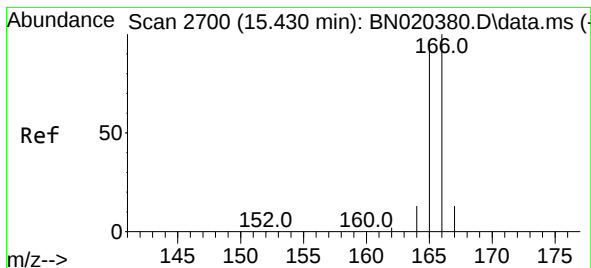
Tgt Ion:152 Resp: 12872
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Tgt Ion:153 Resp: 9932
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.6 70.0 105.0





#12

Fluorene

Concen: 0.419 ng/ul

RT: 15.430 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN020424.D

Acq: 25 Jun 2022 08:23

Instrument :

BNA_N

ClientSampleId :

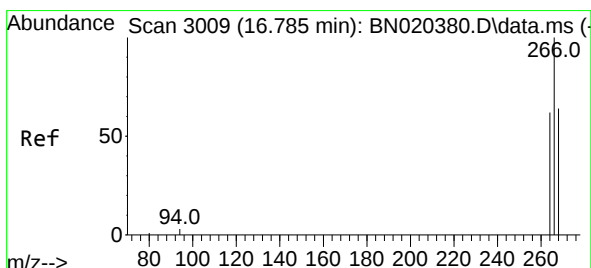
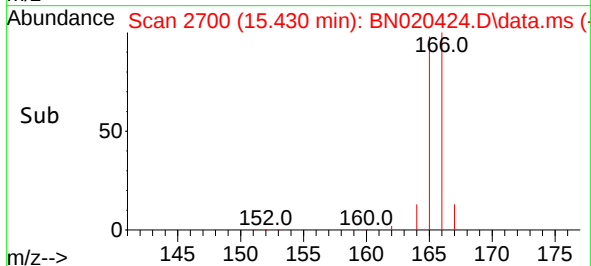
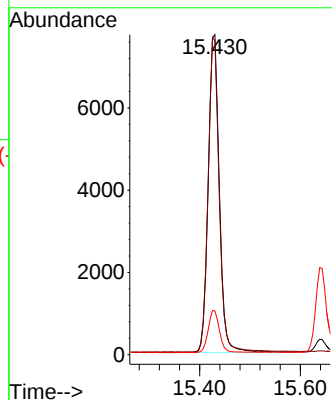
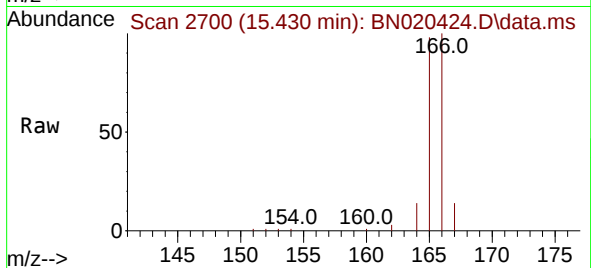
Tgt Ion:166 Resp: 11851

Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.2

167 13.7 11.3 16.9



#14

Pentachlorophenol

Concen: 0.709 ng/ul

RT: 16.785 min Scan# 3009

Delta R.T. -0.000 min

Lab File: BN020424.D

Acq: 25 Jun 2022 08:23

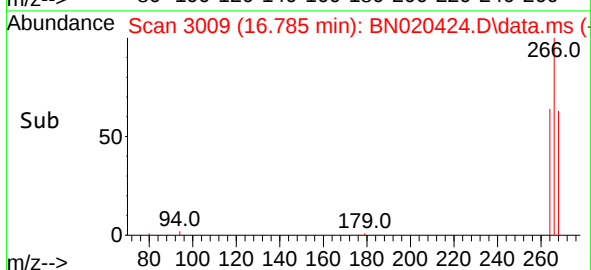
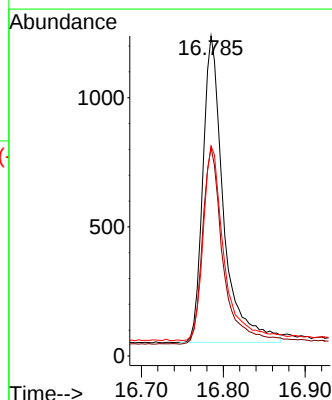
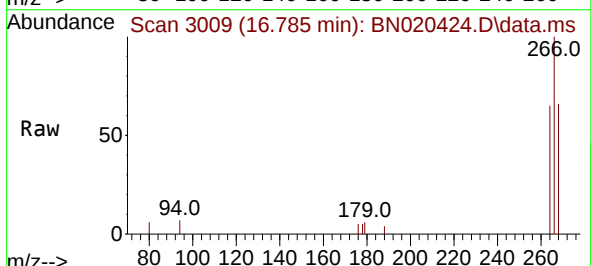
Tgt Ion:266 Resp: 2079

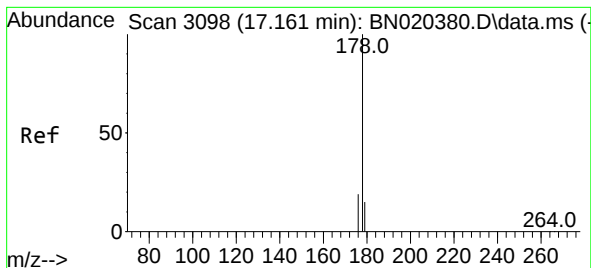
Ion Ratio Lower Upper

266 100

264 64.6 51.6 77.4

268 64.6 51.5 77.3





#15

Phenanthrene

Concen: 0.414 ng/ul

RT: 17.161 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN020424.D

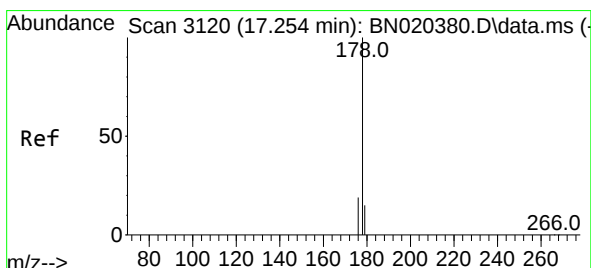
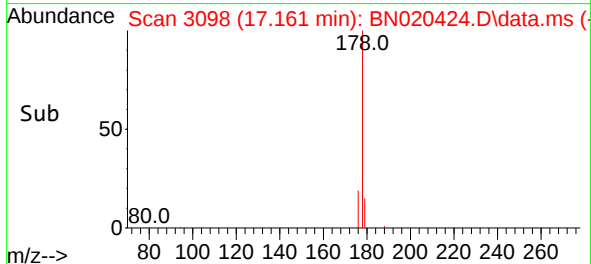
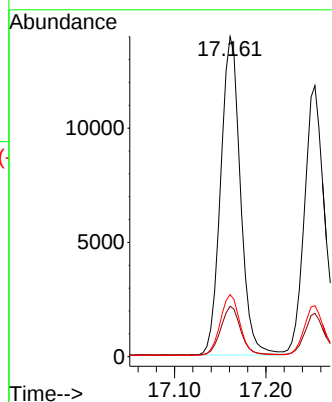
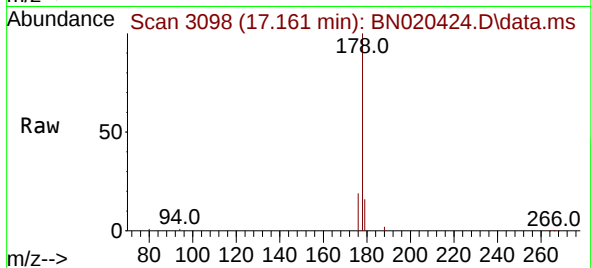
Acq: 25 Jun 2022 08:23

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:178	Resp:	20935
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.4	15.8 23.6



#16

Anthracene

Concen: 0.429 ng/ul

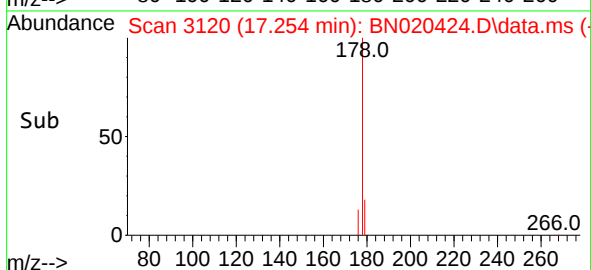
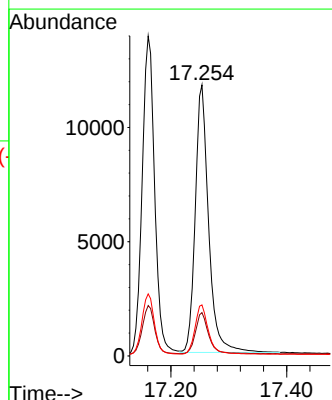
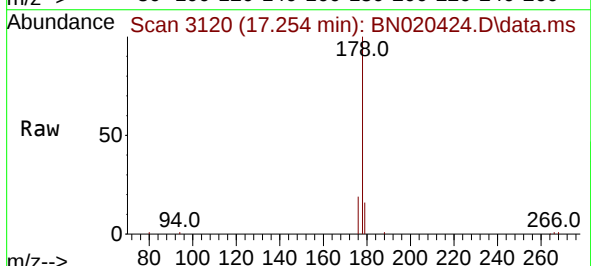
RT: 17.254 min Scan# 3120

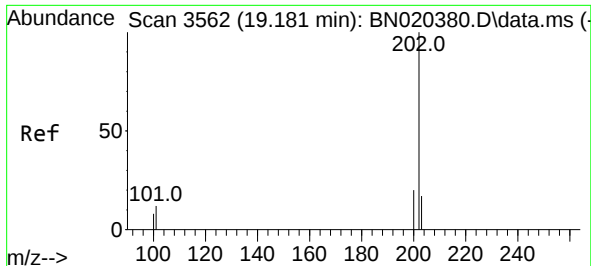
Delta R.T. -0.000 min

Lab File: BN020424.D

Acq: 25 Jun 2022 08:23

Tgt Ion:178	Resp:	18755
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.8 19.2
176	18.8	15.2 22.8

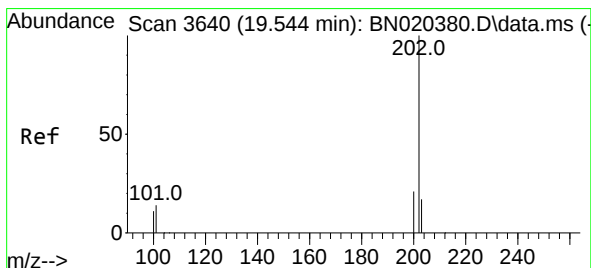
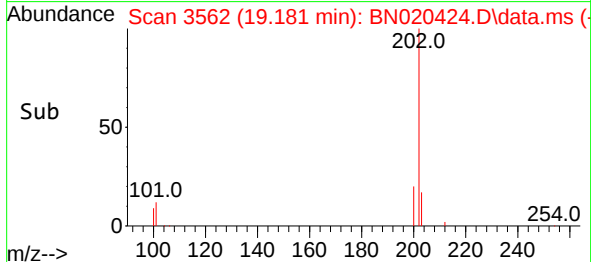
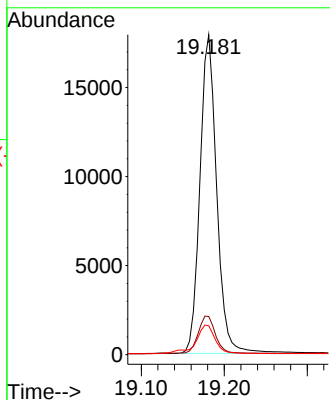
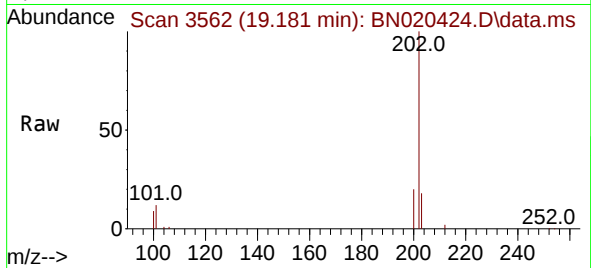




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.181 min Scan# 3562
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

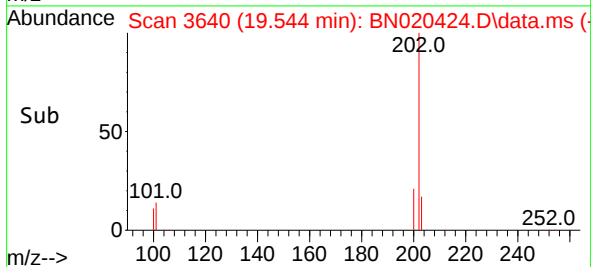
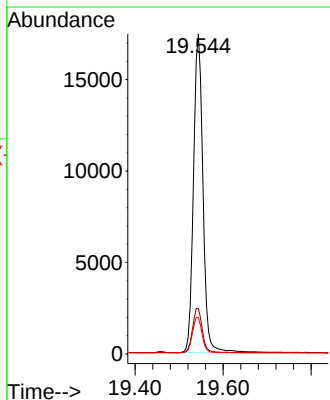
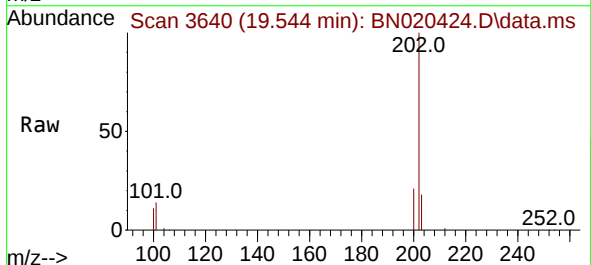
Instrument :
BNA_N
ClientSampleId :

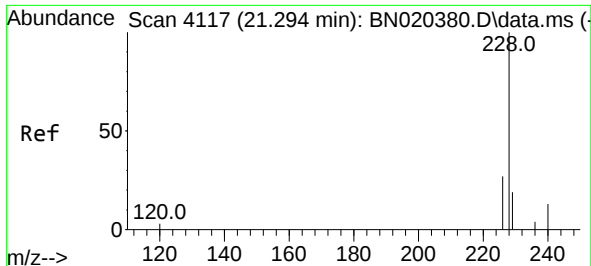
Tgt Ion:202 Resp: 25176
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 9.0 7.8 11.6



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.544 min Scan# 3640
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

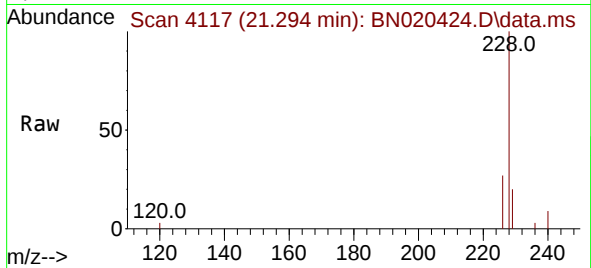
Tgt Ion:202 Resp: 26124
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 11.4 9.2 13.8



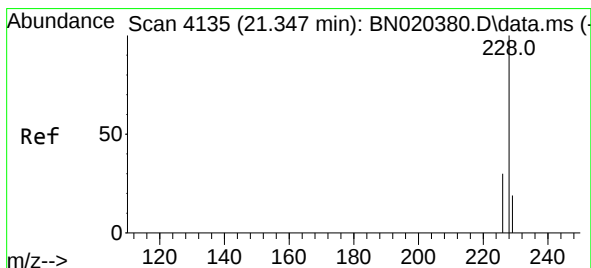
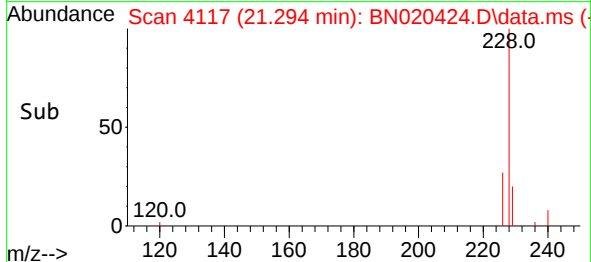
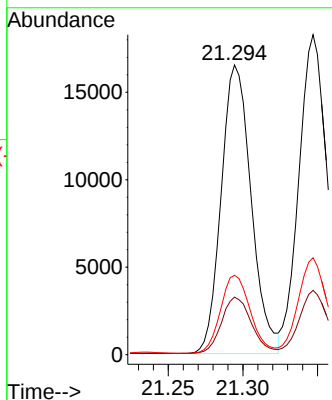


#21
Benzo(a)anthracene
Concen: 0.482 ng/ul
RT: 21.294 min Scan# 4117
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Instrument :
BNA_N
ClientSampleId :

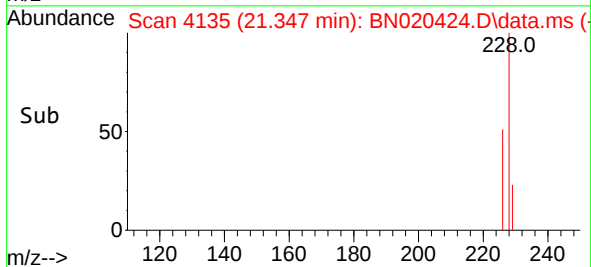
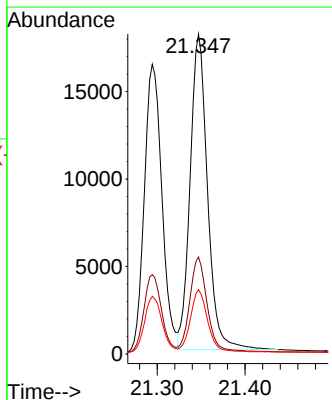
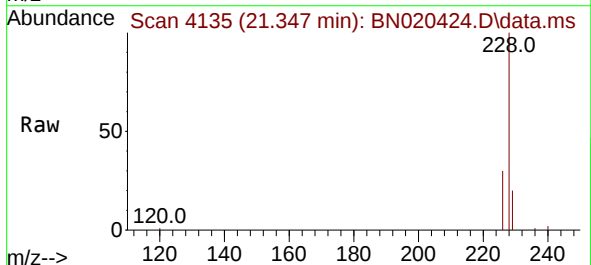


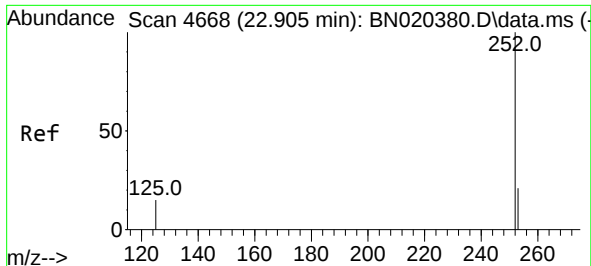
Tgt Ion:228 Resp: 23090
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Tgt Ion:228 Resp: 24842
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 20.1 15.8 23.8

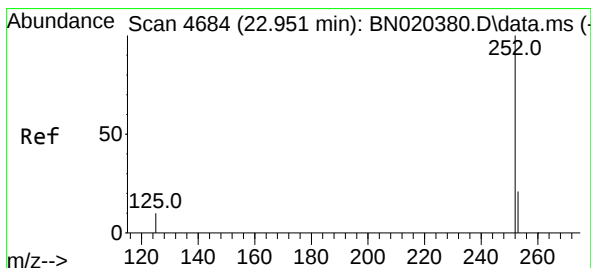
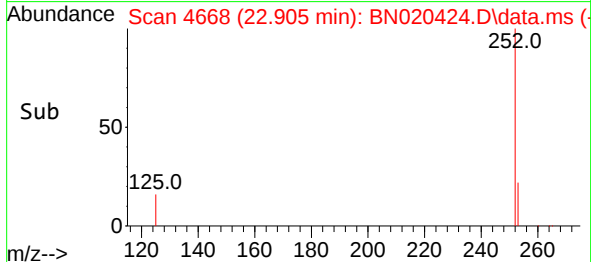
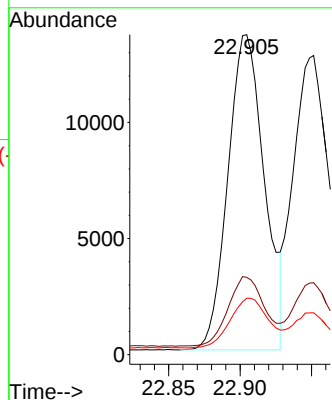
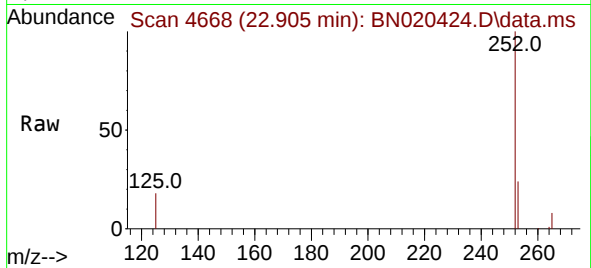




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

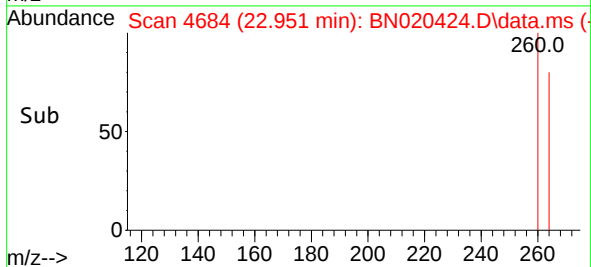
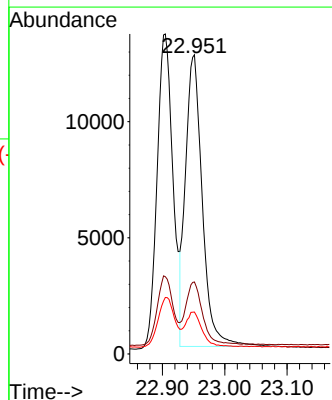
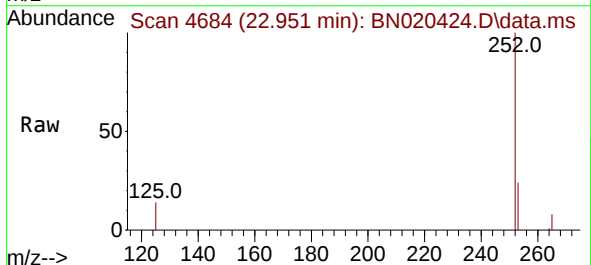
Instrument :
BNA_N
ClientSampleId :

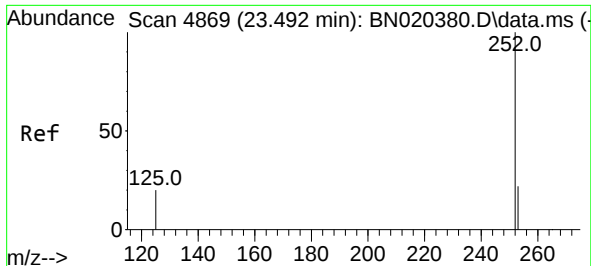
Tgt Ion:252 Resp: 24077
Ion Ratio Lower Upper
252 100
253 24.1 0.0 48.6
125 17.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.951 min Scan# 4684
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

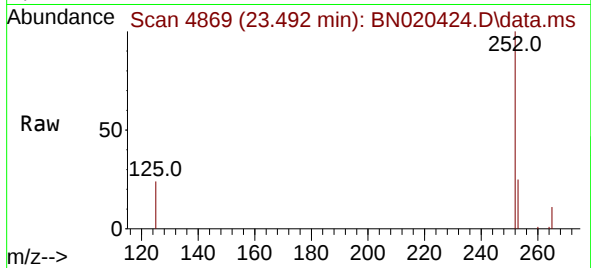
Tgt Ion:252 Resp: 23492
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 14.0 12.0 18.0



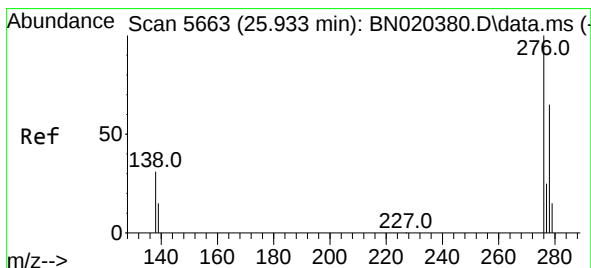
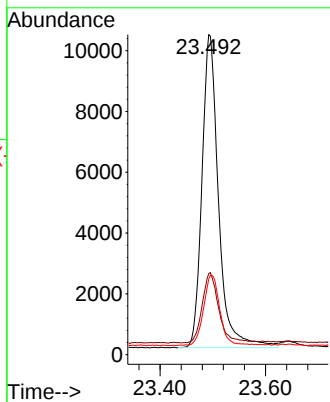
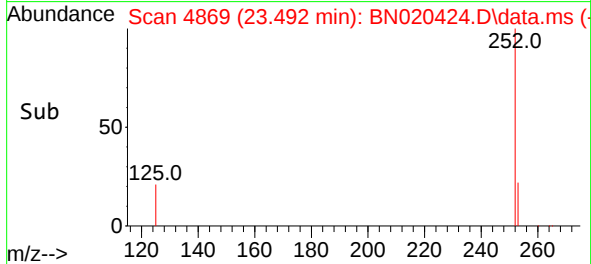


#26
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.492 min Scan# 4869
Delta R.T. -0.000 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

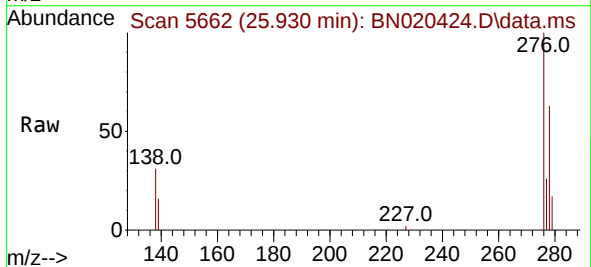
Instrument :
BNA_N
ClientSampleId :



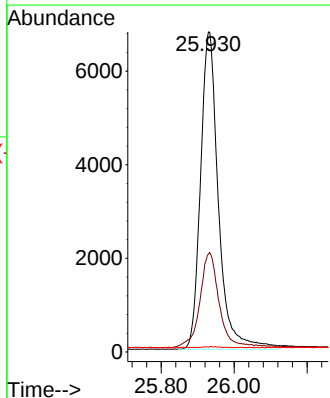
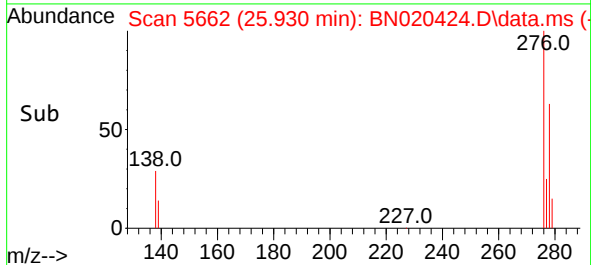
Tgt Ion:252 Resp: 22428
Ion Ratio Lower Upper
252 100
253 25.3 21.0 31.4
125 23.6 18.8 28.2

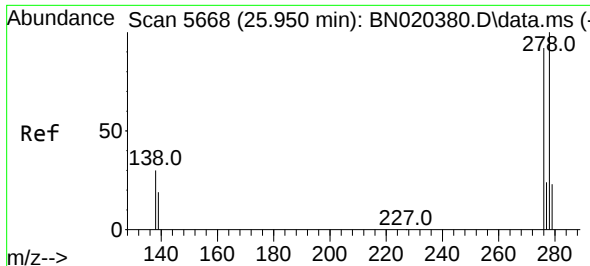


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng/ul
RT: 25.930 min Scan# 5662
Delta R.T. -0.003 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23



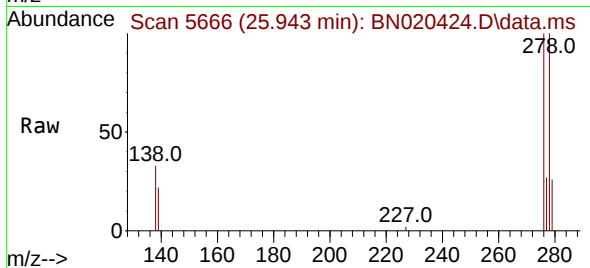
Tgt Ion:276 Resp: 23077
Ion Ratio Lower Upper
276 100
138 32.4 27.4 41.2
227 0.1 0.2 0.2#



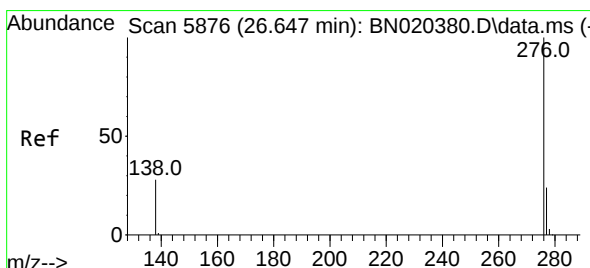
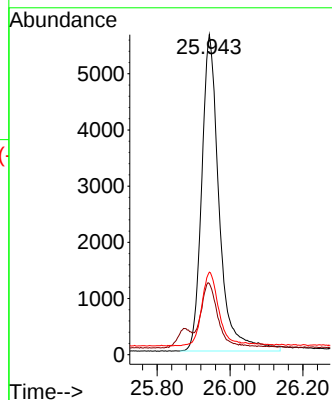
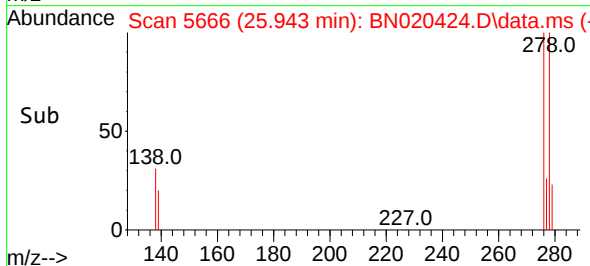


#28
Dibenzo(a,h)anthracene
Concen: 0.484 ng/ul
RT: 25.943 min Scan# 5666
Delta R.T. -0.007 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 18705
Ion Ratio Lower Upper
278 100
139 22.3 18.8 28.2
279 25.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 26.641 min Scan# 5874
Delta R.T. -0.007 min
Lab File: BN020424.D
Acq: 25 Jun 2022 08:23

Tgt Ion:276 Resp: 19596
Ion Ratio Lower Upper
276 100
138 28.0 23.5 35.3
277 24.7 20.1 30.1

