

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020411.D
 Acq On : 24 Jun 2022 23:57
 Operator : CG/JU
 Sample : N3313-03MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 25 00:55:52 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)

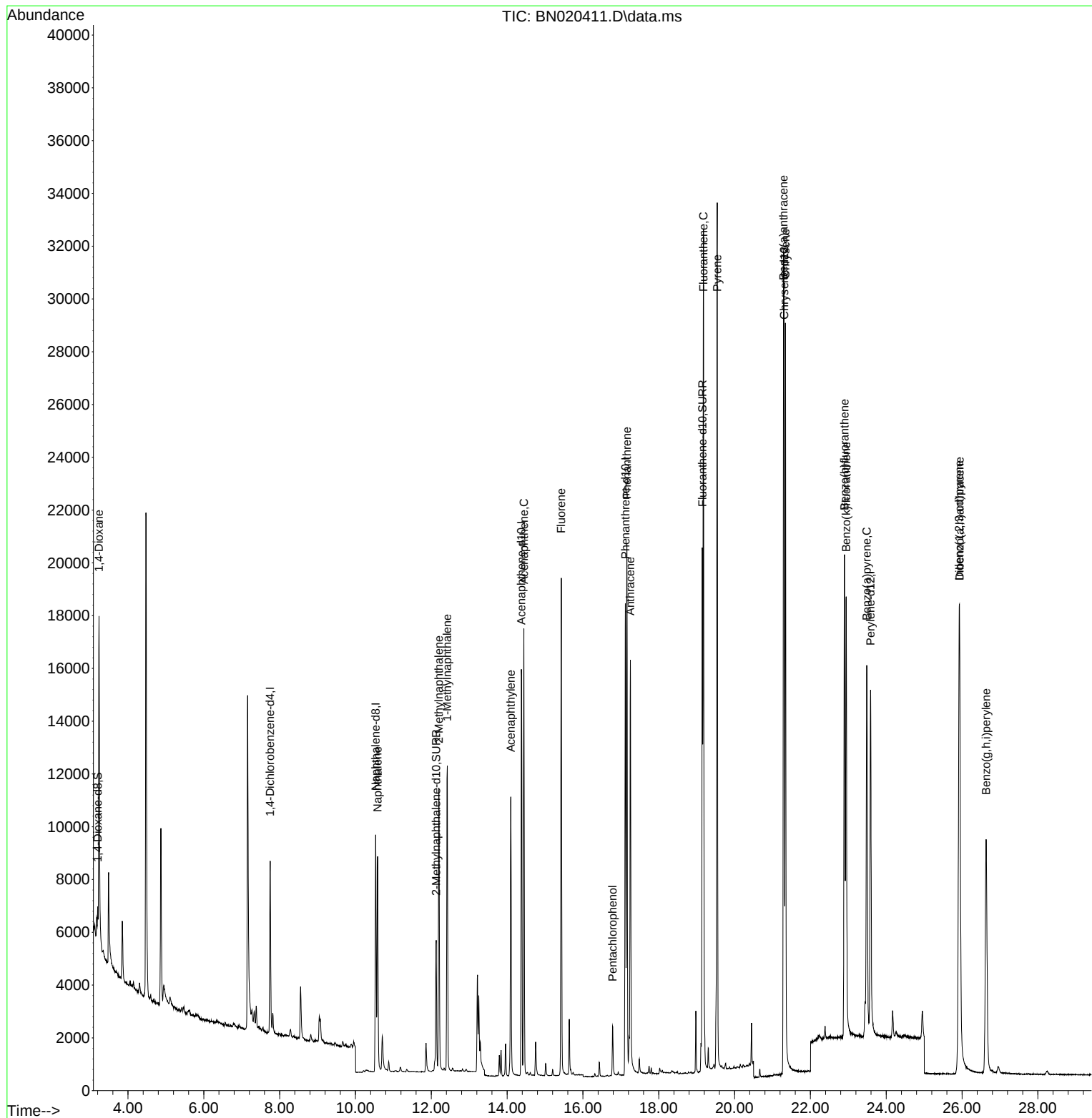
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	3702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	12972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	8888	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	20879	0.400	ng/ul	0.00
17) Chrysene-d12	21.306	240	20598	0.400	ng/ul	0.00
23) Perylene-d12	23.586	264	18059	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	955	0.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	7608	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	21963	0.323	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	8200	1.872	ng/ul#	41
5) Naphthalene	10.584	128	11827	0.295	ng/ul	99
7) 2-Methylnaphthalene	12.201	142	8203	0.306	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	8517	0.335	ng/ul	99
10) Acenaphthylene	14.099	152	12834	0.305	ng/ul	99
11) Acenaphthene	14.442	153	9866	0.293	ng/ul	99
12) Fluorene	15.427	166	12210	0.306	ng/ul	99
14) Pentachlorophenol	16.782	266	1402	0.333	ng/ul	99
15) Phenanthrene	17.158	178	22450	0.309	ng/ul	99
16) Anthracene	17.251	178	18700	0.298	ng/ul	99
19) Fluoranthene	19.178	202	27518	0.293	ng/ul	100
20) Pyrene	19.541	202	28521	0.292	ng/ul	100
21) Benzo(a)anthracene	21.289	228	23195	0.313	ng/ul	99
22) Chrysene	21.341	228	25066	0.304	ng/ul	100
24) Benzo(b)fluoranthene	22.899	252	23229	0.278	ng/ul	99
25) Benzo(k)fluoranthene	22.943	252	23539	0.279	ng/ul	100
26) Benzo(a)pyrene	23.487	252	21629	0.285	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.923	276	23027	0.305	ng/ul	99
28) Dibenzo(a,h)anthracene	25.936	278	19517	0.320	ng/ul	98
29) Benzo(g,h,i)perylene	26.634	276	19507	0.301	ng/ul	98

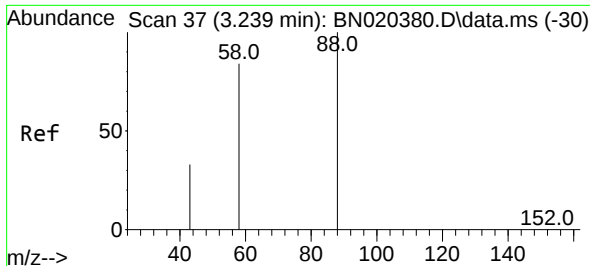
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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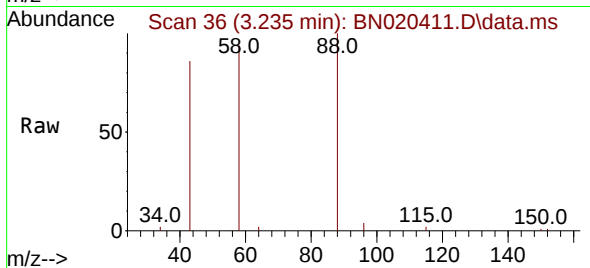
Quant Time: Jun 25 00:55:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
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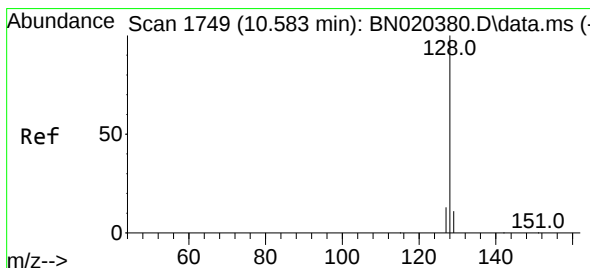
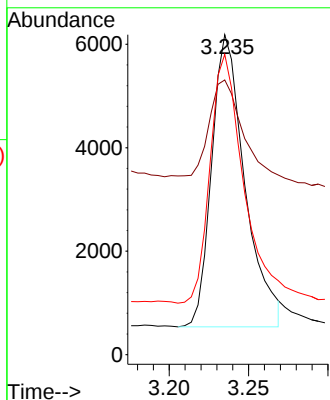
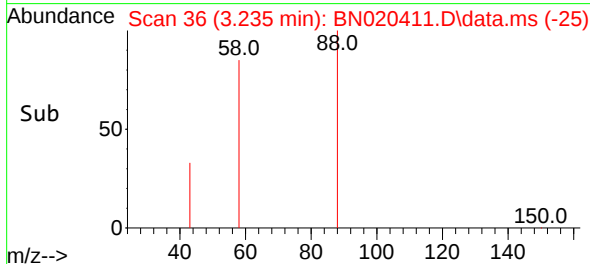


#2
1,4-Dioxane
Concen: 1.872 ng/ul
RT: 3.235 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Instrument :
BNA_N
ClientSampleId :

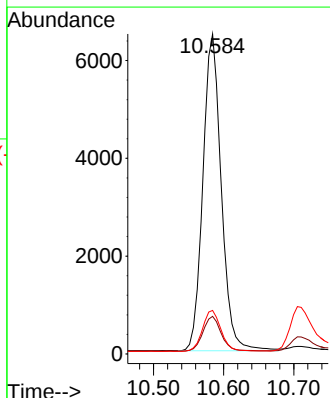
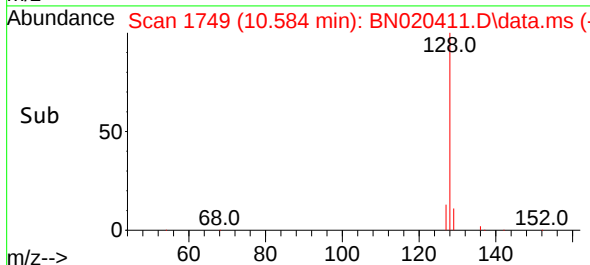
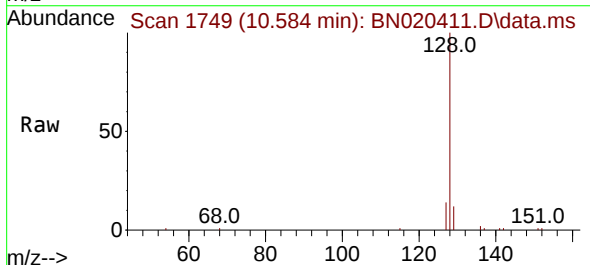


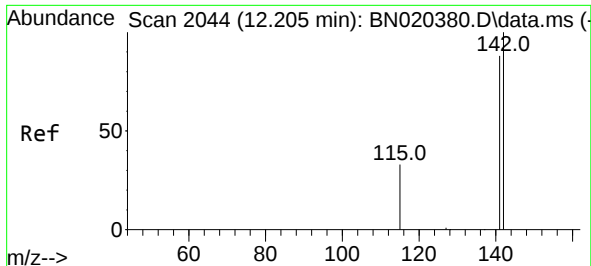
Tgt Ion: 88 Resp: 8200
Ion Ratio Lower Upper
88 100
43 85.9 32.5 48.7#
58 93.8 46.2 69.2#



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Tgt Ion: 128 Resp: 11827
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.6 11.3 16.9

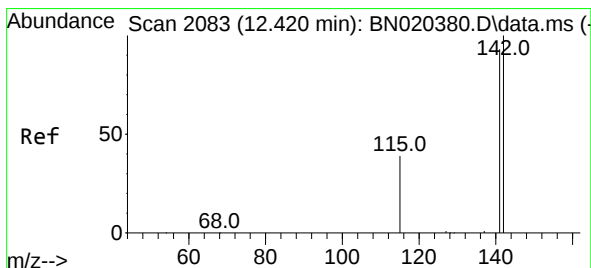
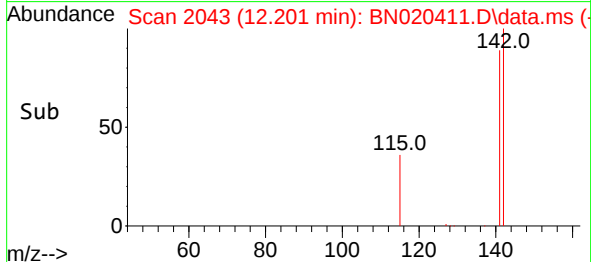
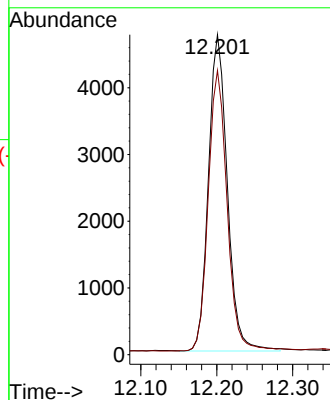
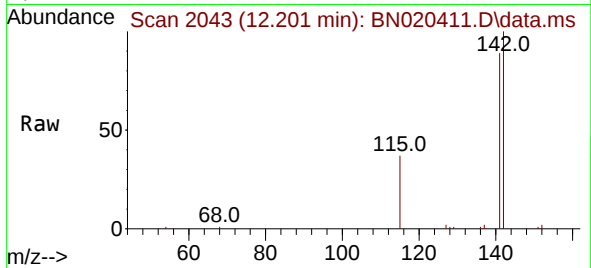




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

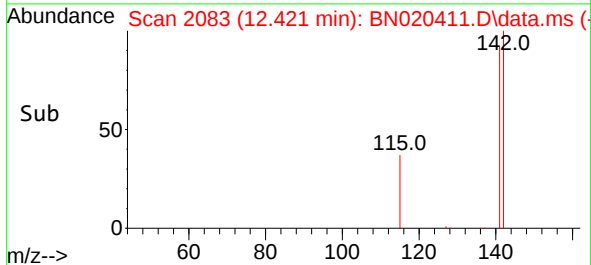
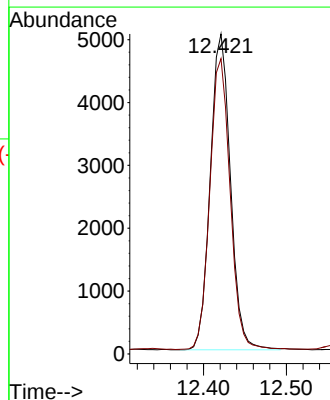
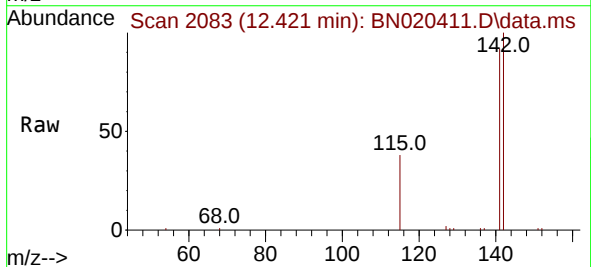
Instrument :
BNA_N
ClientSampleId :

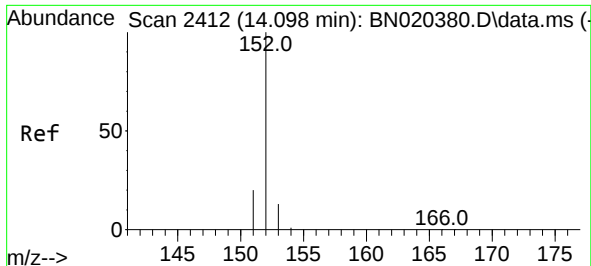
Tgt Ion:142 Resp: 8203
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Tgt Ion:142 Resp: 8517
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

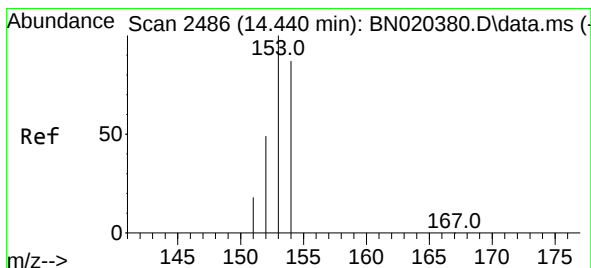
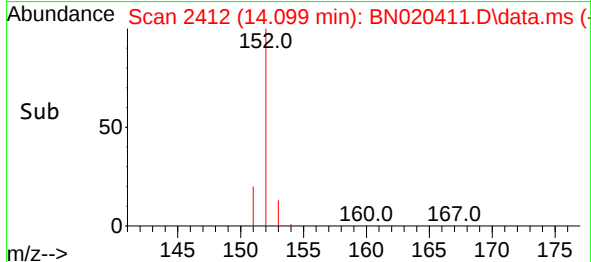
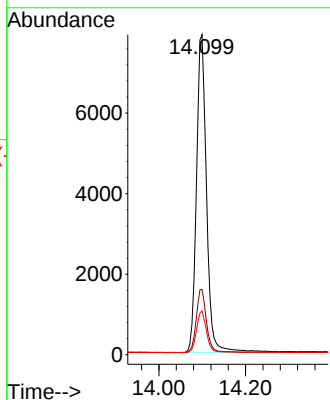
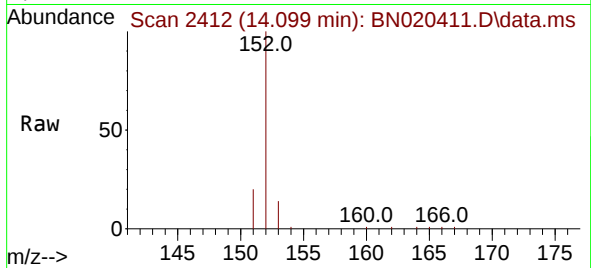




#10
Acenaphthylene
Concen: 0.305 ng/u1
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

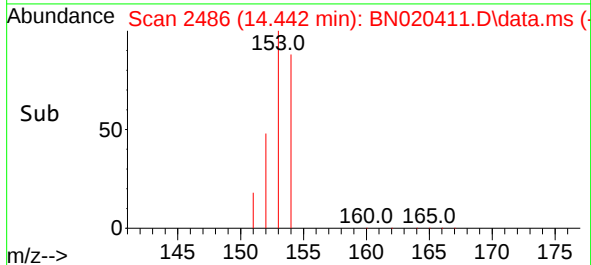
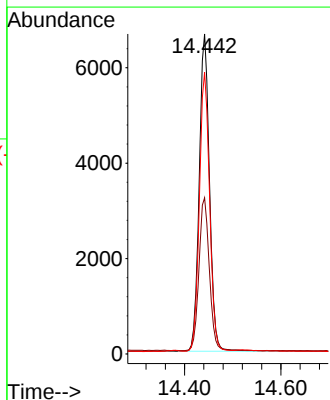
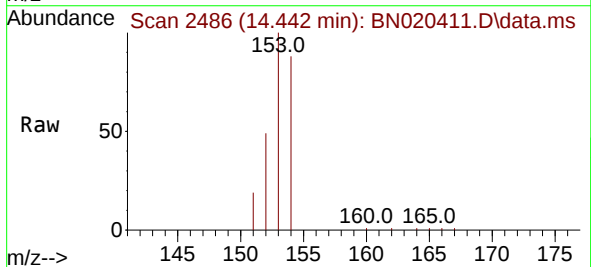
Instrument :
BNA_N
ClientSampleId :

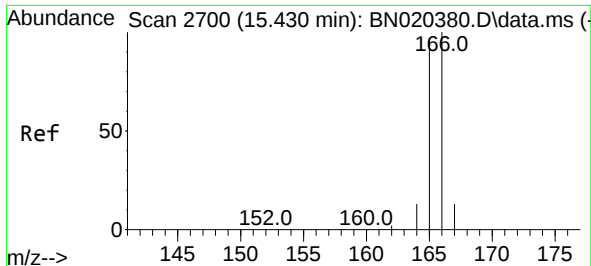
Tgt Ion:152 Resp: 12834
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.293 ng/u1
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

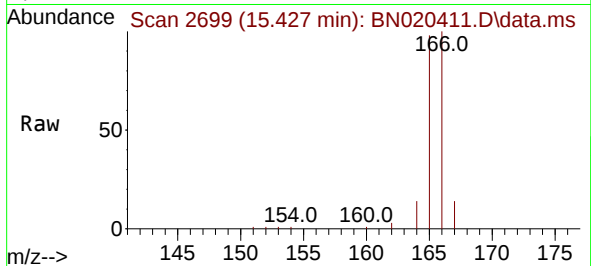
Tgt Ion:153 Resp: 9866
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.0 70.0 105.0



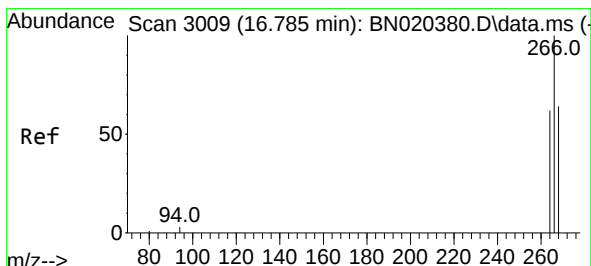
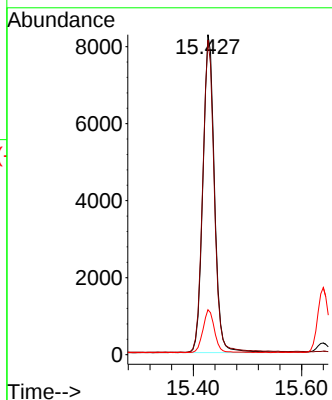
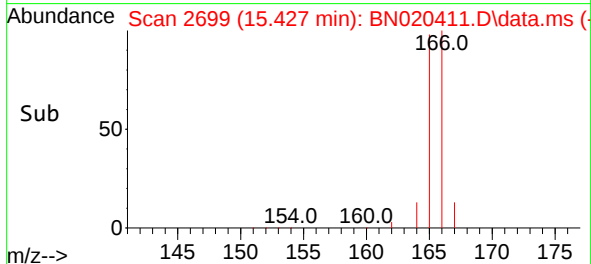


#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.427 min Scan# 20411
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

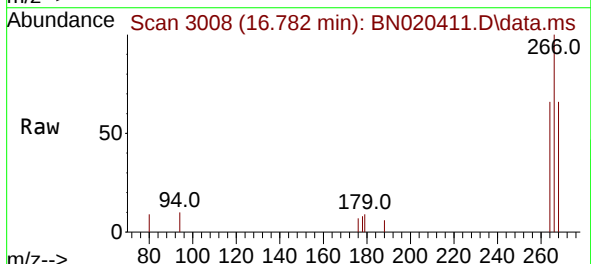
Instrument :
BNA_N
ClientSampleId :



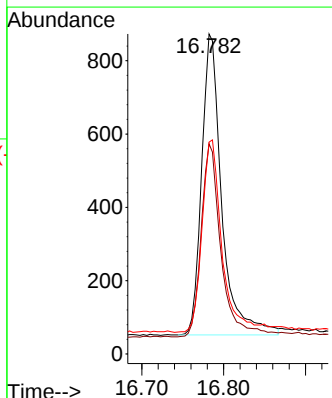
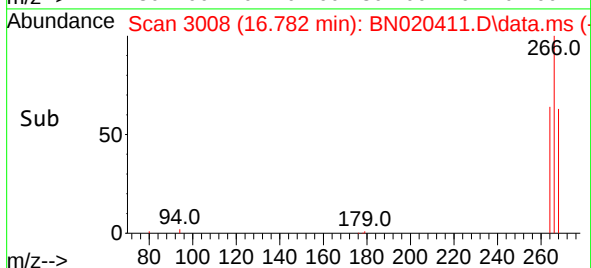
Tgt Ion:166 Resp: 12210
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 14.0 11.3 16.9

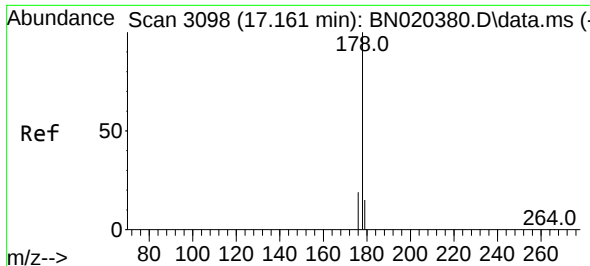


#14
Pentachlorophenol
Concen: 0.333 ng/ul
RT: 16.782 min Scan# 3008
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57



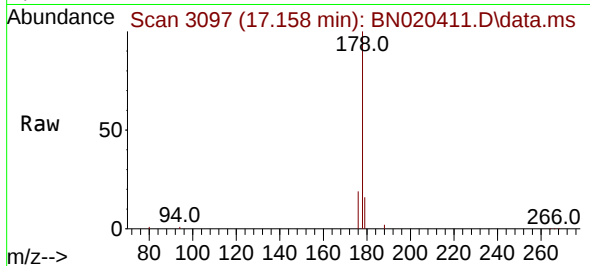
Tgt Ion:266 Resp: 1402
Ion Ratio Lower Upper
266 100
264 63.5 51.6 77.4
268 64.5 51.5 77.3



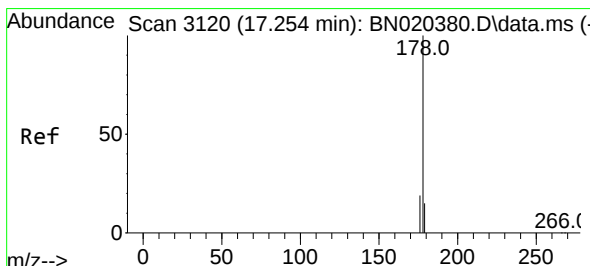
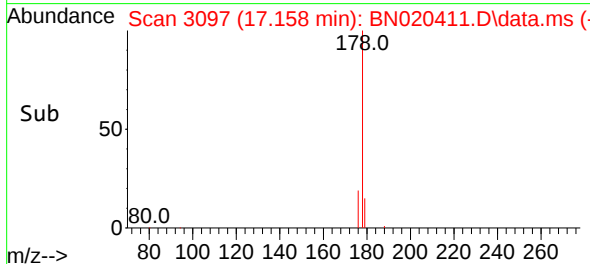
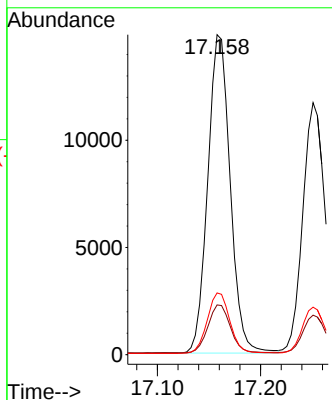


#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.158 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Instrument :
BNA_N
ClientSampleId :

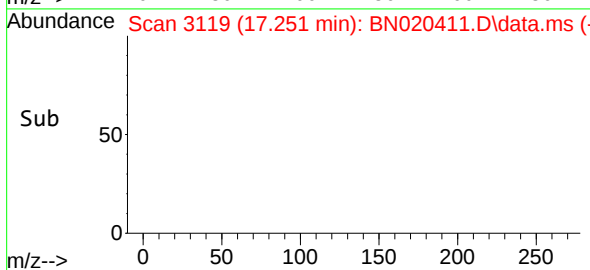
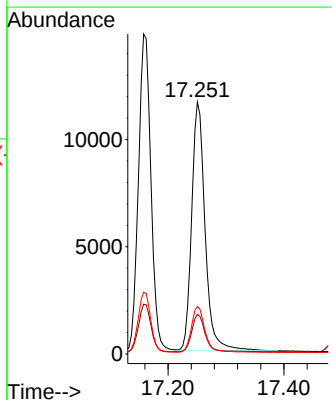
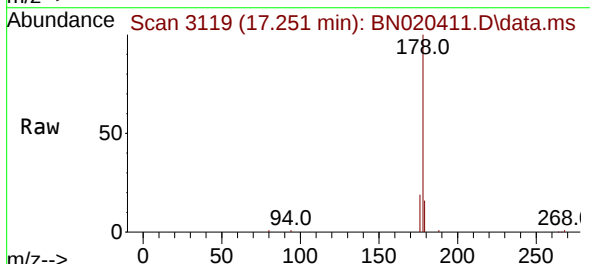


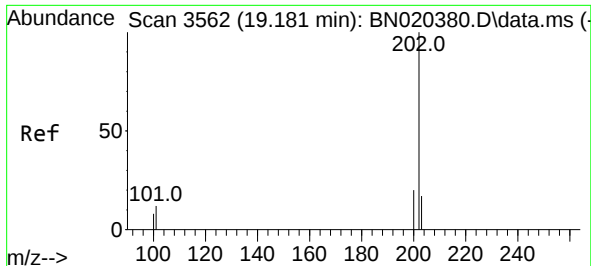
Tgt Ion:178 Resp: 22450
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.8 23.6



#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Tgt Ion:178 Resp: 18700
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.9 15.2 22.8

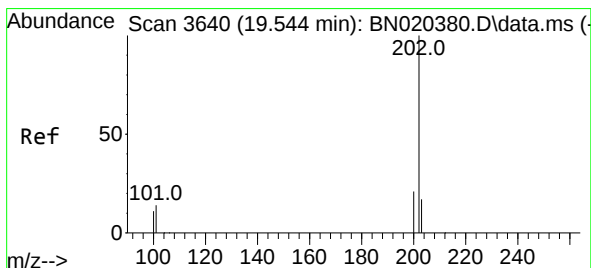
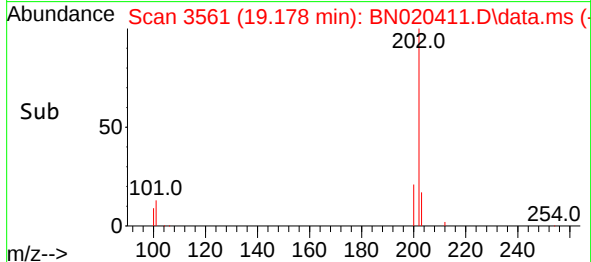
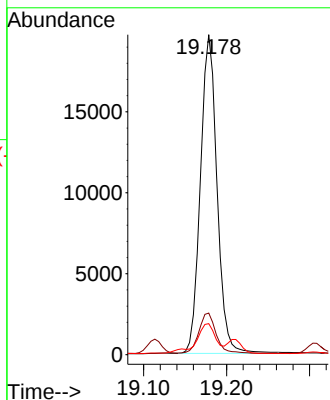
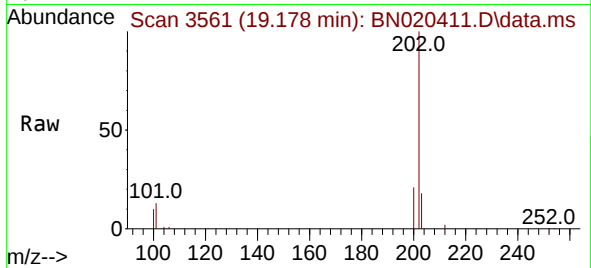




#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.178 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

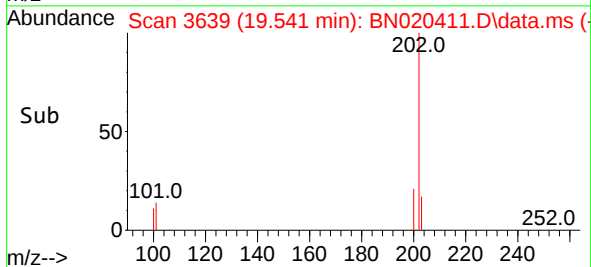
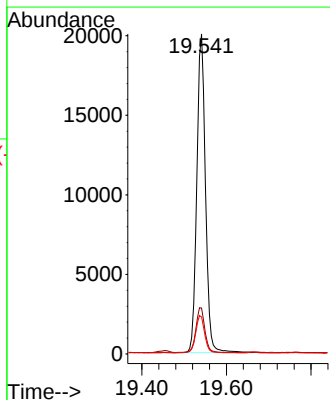
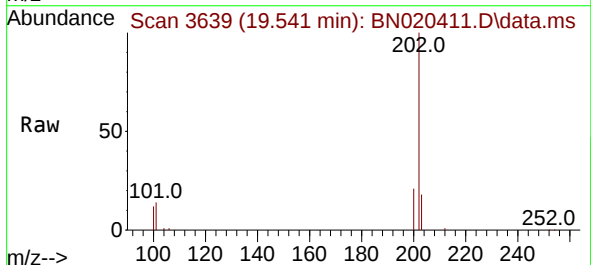
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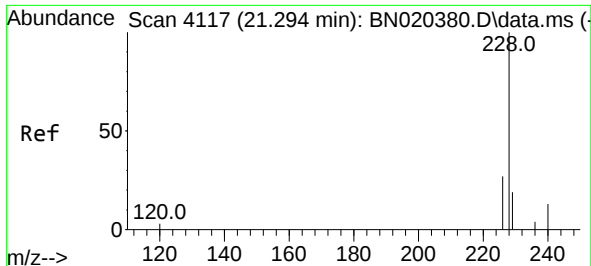
Tgt Ion:202 Resp: 27518
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Tgt Ion:202 Resp: 28521
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.5 9.2 13.8

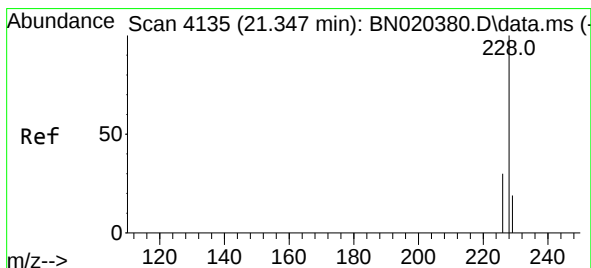
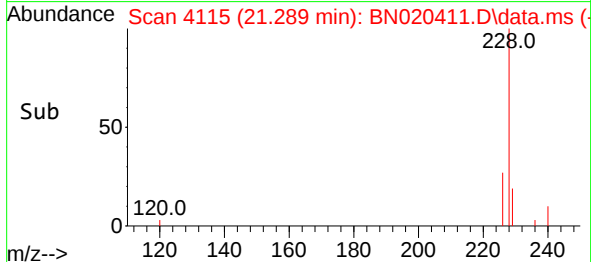
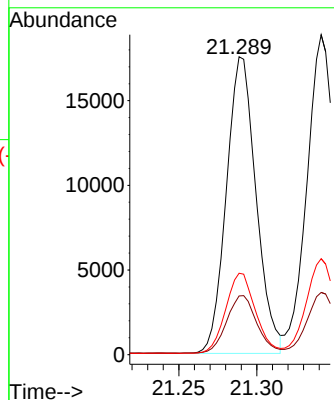
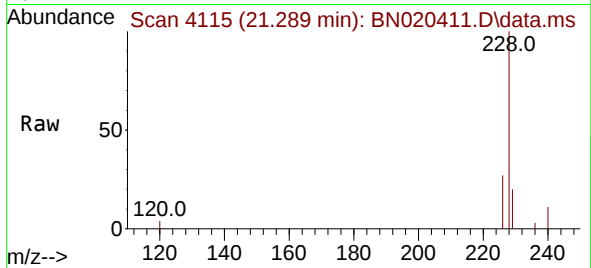




#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.289 min Scan# 4115
Delta R.T. -0.006 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

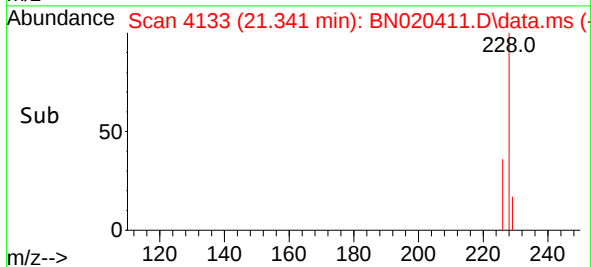
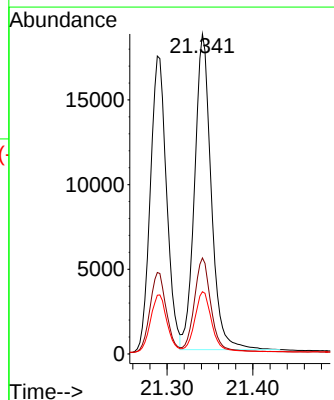
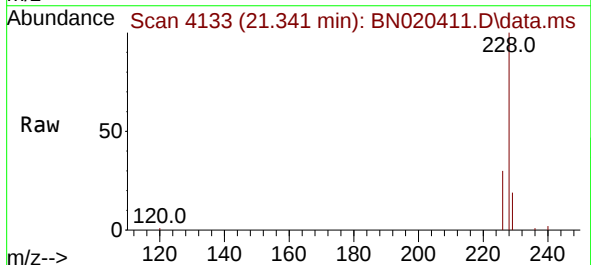
Instrument :
BNA_N
ClientSampleId :

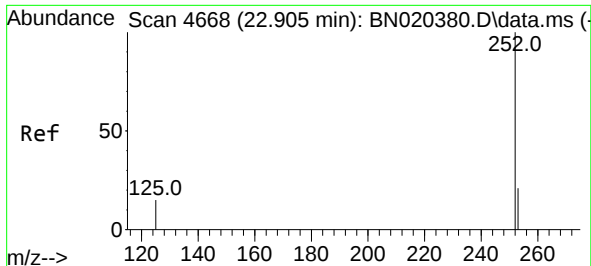
Tgt Ion:228 Resp: 23195
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.341 min Scan# 4133
Delta R.T. -0.006 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

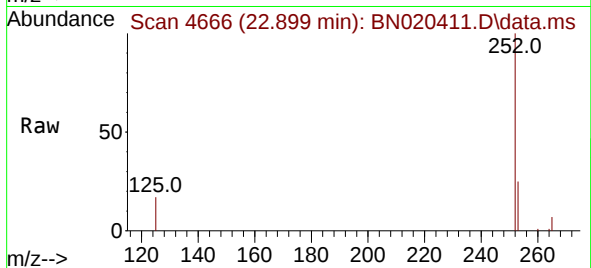
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Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.5 15.8 23.8



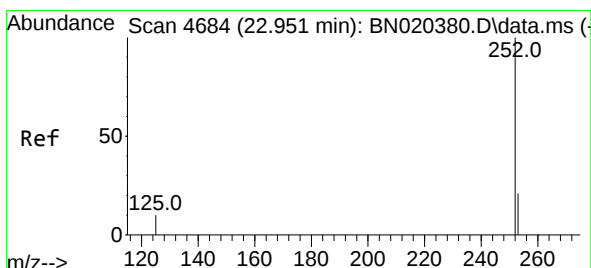
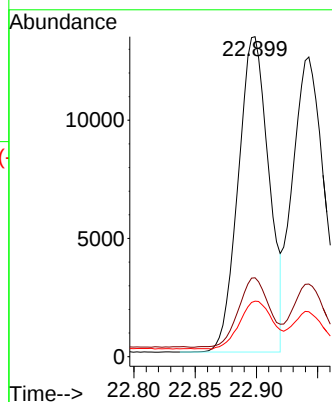


#24
Benzo(b)fluoranthene
Concen: 0.278 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.006 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Instrument :
BNA_N
ClientSampleId :

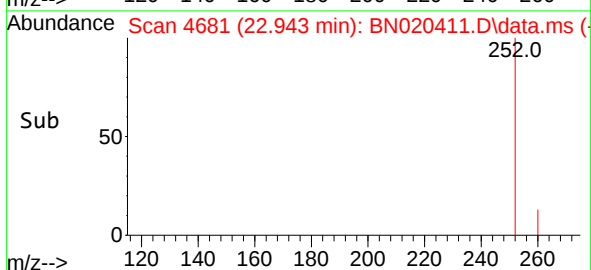
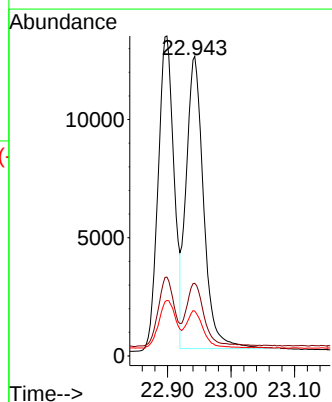
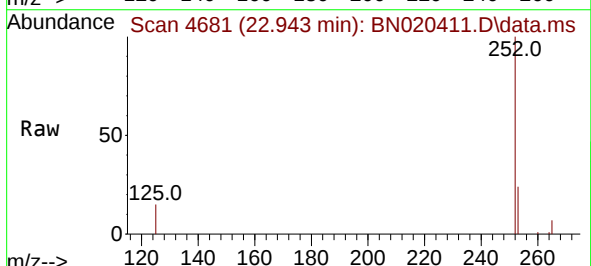


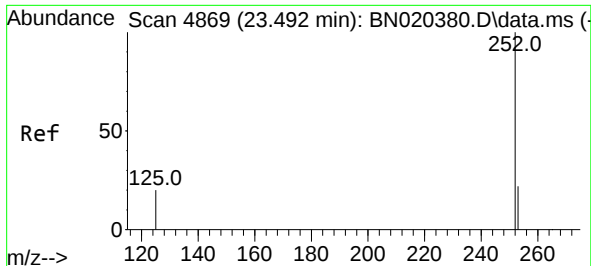
Tgt Ion:252 Resp: 23229
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 17.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.279 ng/ul
RT: 22.943 min Scan# 4681
Delta R.T. -0.009 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

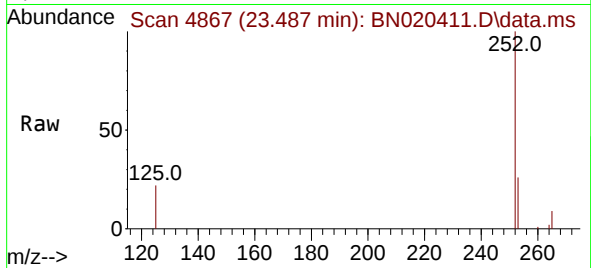
Tgt Ion:252 Resp: 23539
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 15.0 12.0 18.0



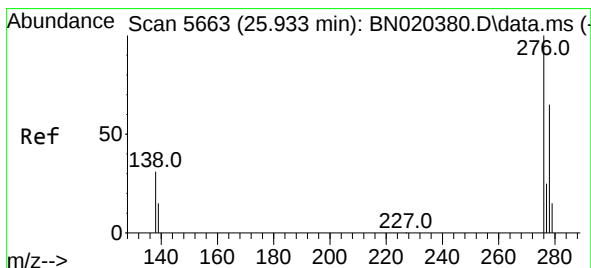
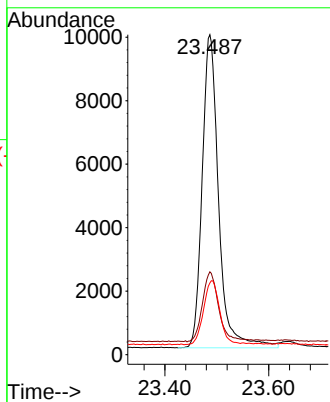
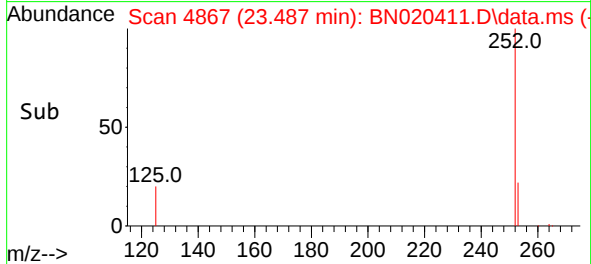


#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.487 min Scan# 4867
Delta R.T. -0.006 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Instrument :
BNA_N
ClientSampleId :

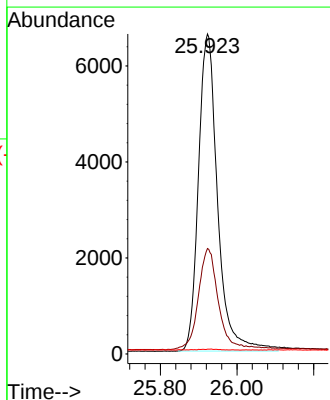
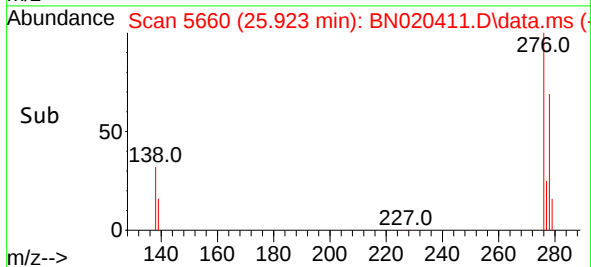
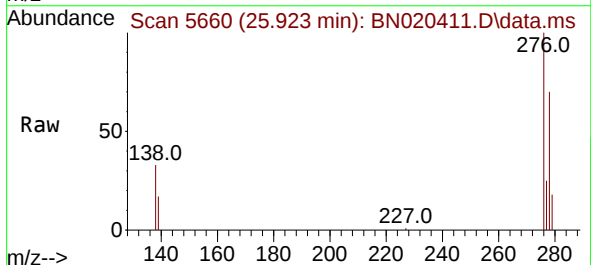


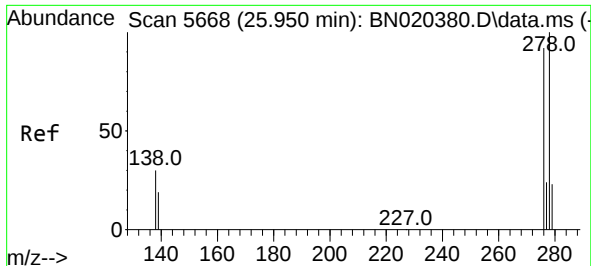
Tgt Ion:252 Resp: 21629
Ion Ratio Lower Upper
252 100
253 25.9 21.0 31.4
125 22.4 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 25.923 min Scan# 5660
Delta R.T. -0.010 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

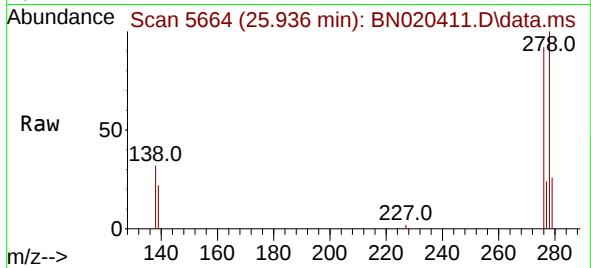
Tgt Ion:276 Resp: 23027
Ion Ratio Lower Upper
276 100
138 34.0 27.4 41.2
227 0.2 0.2 0.2



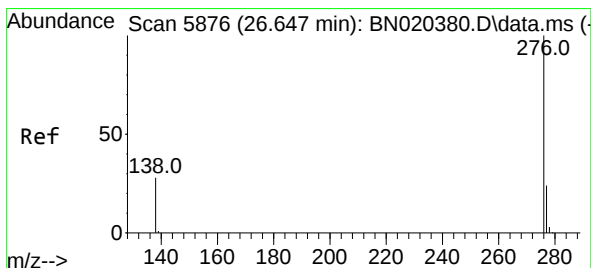
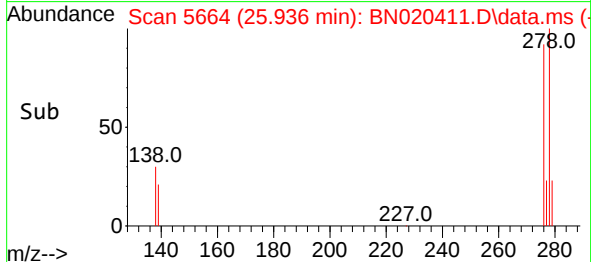
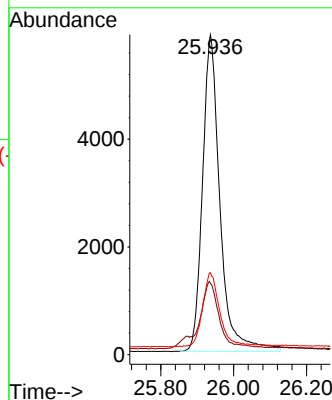


#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 25.936 min Scan# 5664
Delta R.T. -0.013 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 19517
Ion Ratio Lower Upper
278 100
139 22.3 18.8 28.2
279 25.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.634 min Scan# 5872
Delta R.T. -0.013 min
Lab File: BN020411.D
Acq: 24 Jun 2022 23:57

Tgt Ion:276 Resp: 19507
Ion Ratio Lower Upper
276 100
138 28.6 23.5 35.3
277 24.1 20.1 30.1

