

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020412.D
 Acq On : 25 Jun 2022 00:33
 Operator : CG/JU
 Sample : N3313-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YB7L2MSD

Quant Time: Jun 25 01:29:35 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)

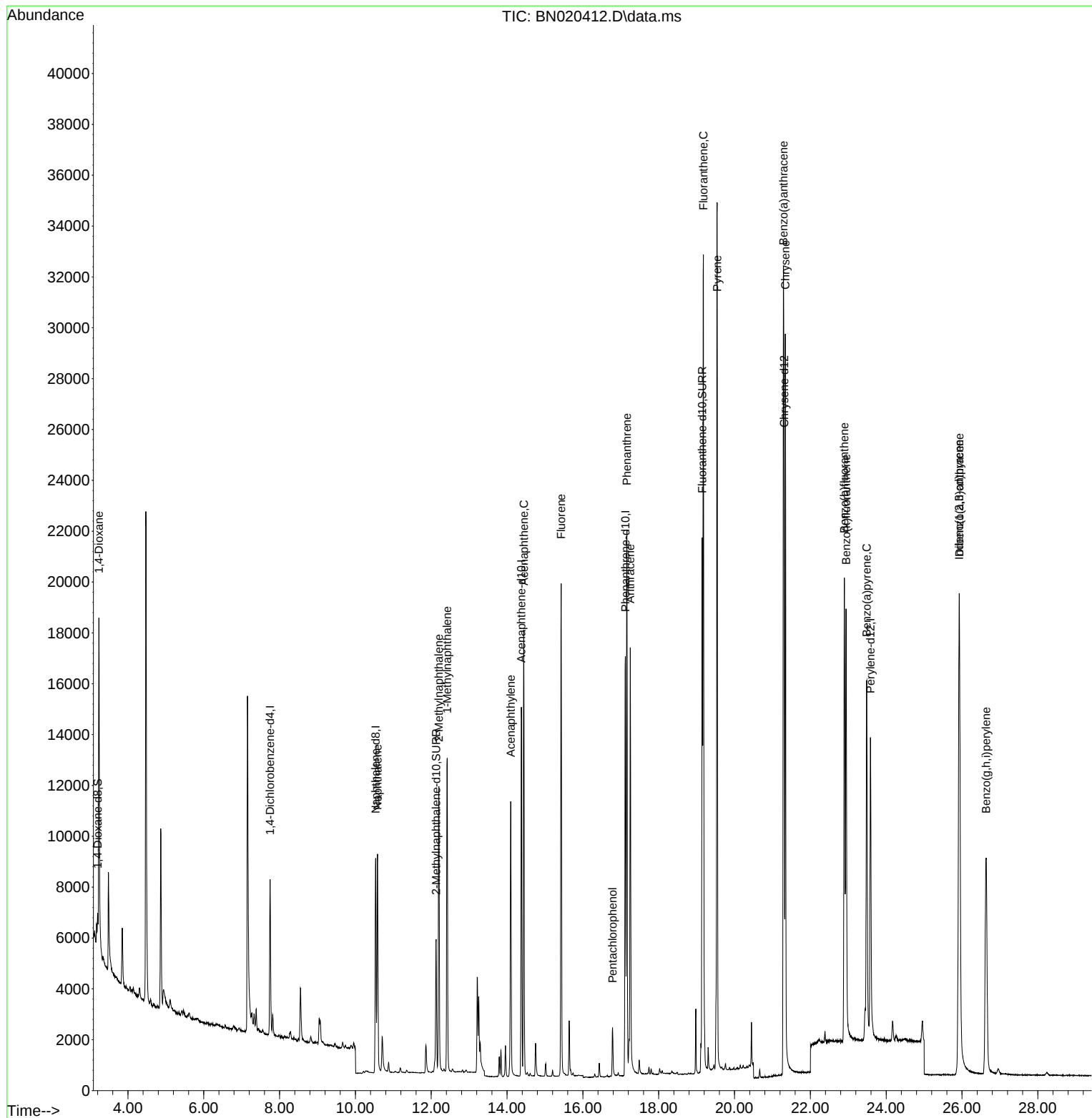
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3450	0.400	ng/u1	0.00
4) Naphthalene-d8	10.535	136	12185	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.377	164	8307	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.120	188	19523	0.400	ng/u1	0.00
17) Chrysene-d12	21.306	240	18965	0.400	ng/u1	0.00
23) Perylene-d12	23.586	264	16279	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	980	0.245	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.130	152	8061	0.403	ng/u1	0.00
18) Fluoranthene-d10	19.146	212	22883	0.366	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	8608	2.109	ng/u1#	44
5) Naphthalene	10.584	128	12445	0.331	ng/u1	99
7) 2-Methylnaphthalene	12.201	142	8578	0.341	ng/u1	99
8) 1-Methylnaphthalene	12.421	142	9013	0.378	ng/u1	100
10) Acenaphthylene	14.095	152	13377	0.340	ng/u1	100
11) Acenaphthene	14.442	153	10346	0.328	ng/u1	99
12) Fluorene	15.427	166	12745	0.341	ng/u1	98
14) Pentachlorophenol	16.782	266	1487	0.378	ng/u1	99
15) Phenanthrene	17.162	178	23559	0.347	ng/u1	100
16) Anthracene	17.251	178	19438	0.332	ng/u1	100
19) Fluoranthene	19.179	202	28676	0.331	ng/u1	99
20) Pyrene	19.541	202	29670	0.330	ng/u1	99
21) Benzo(a)anthracene	21.289	228	23787	0.349	ng/u1	99
22) Chrysene	21.341	228	25750	0.340	ng/u1	99
24) Benzo(b)fluoranthene	22.896	252	23612	0.313	ng/u1	99
25) Benzo(k)fluoranthene	22.943	252	23972	0.315	ng/u1	100
26) Benzo(a)pyrene	23.484	252	21823	0.319	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	25.923	276	23346	0.343	ng/u1#	98
28) Dibenzo(a,h)anthracene	25.930	278	19789	0.360	ng/u1	97
29) Benzo(g,h,i)perylene	26.637	276	19663	0.336	ng/u1	98

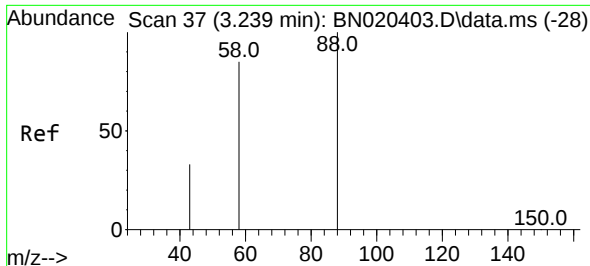
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

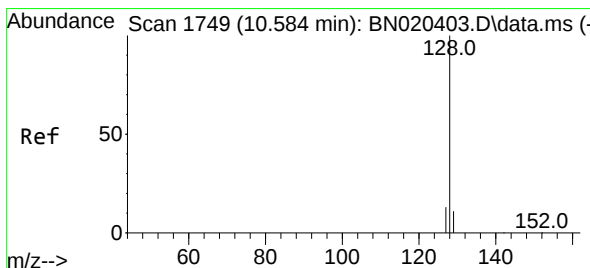
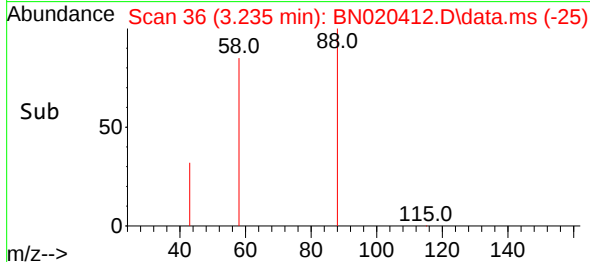
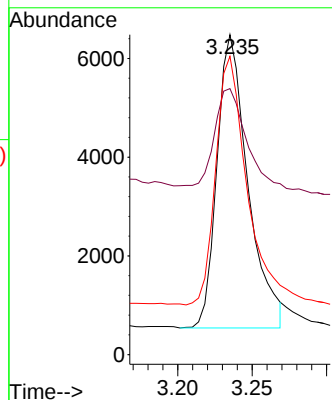
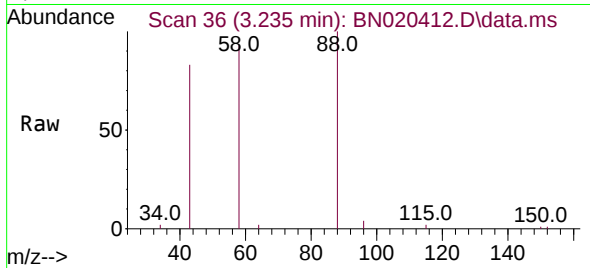




#2
 1,4-Dioxane
 Concen: 2.109 ng/ul
 RT: 3.235 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN020412.D
 Acq: 25 Jun 2022 00:33

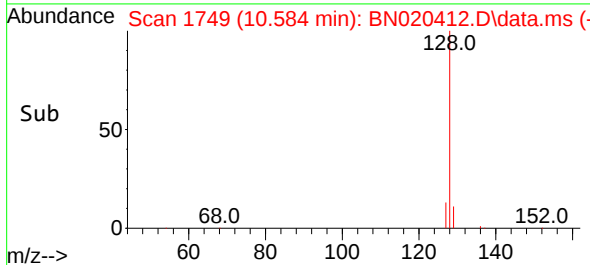
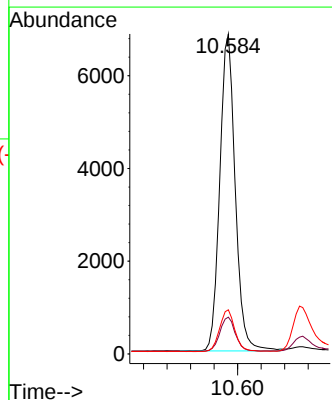
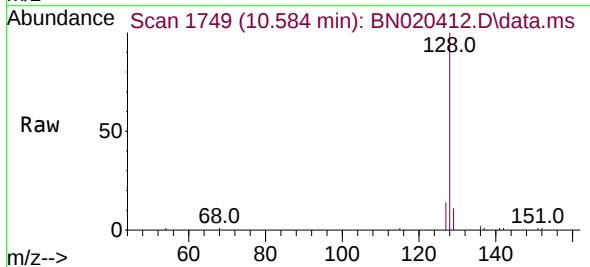
Instrument :
 BNA_N
 ClientSampleId :
 YB7L2MSD

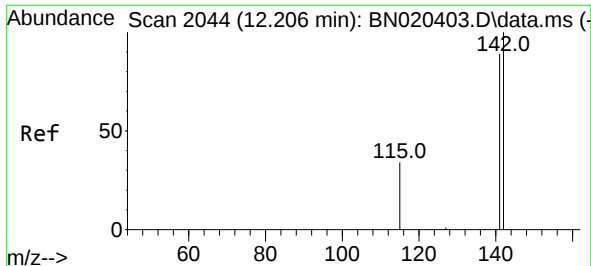
Tgt Ion: 88 Resp: 8608
 Ion Ratio Lower Upper
 88 100
 43 83.1 32.5 48.7#
 58 93.2 46.2 69.2#



#5
 Naphthalene
 Concen: 0.331 ng/ul
 RT: 10.584 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: BN020412.D
 Acq: 25 Jun 2022 00:33

Tgt Ion: 128 Resp: 12445
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 13.8 11.3 16.9

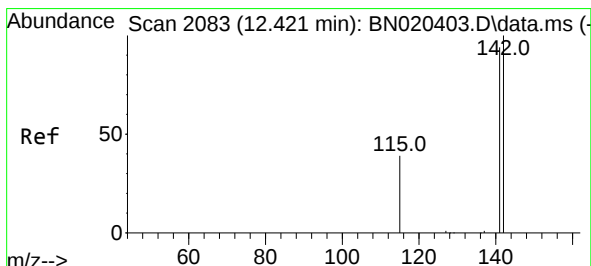
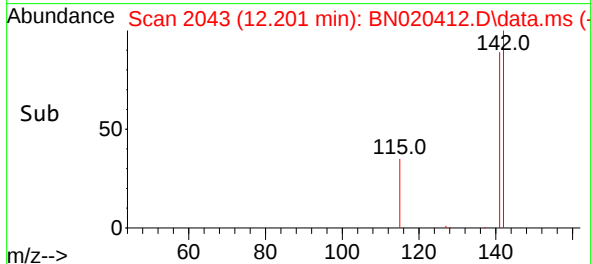
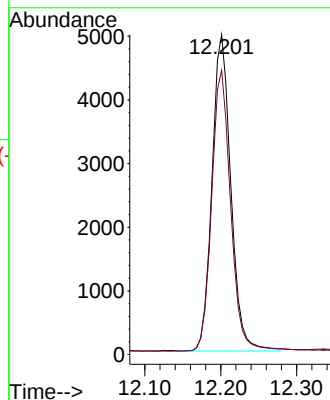
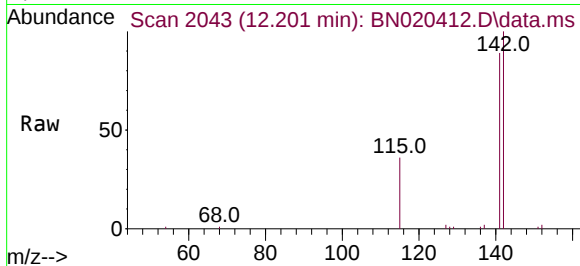




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

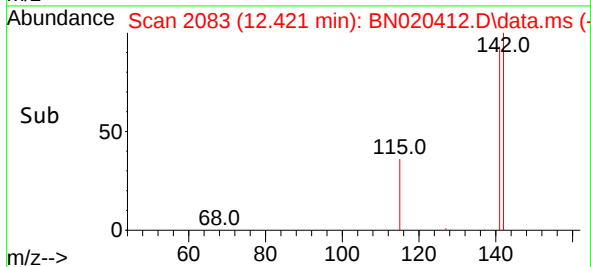
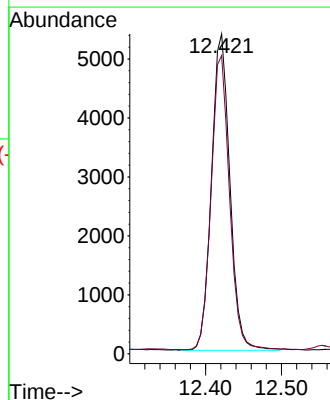
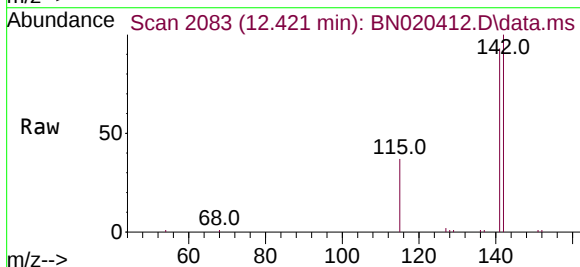
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

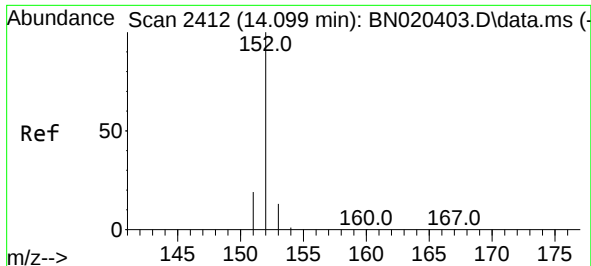
Tgt Ion:142 Resp: 8578
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:142 Resp: 9013
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

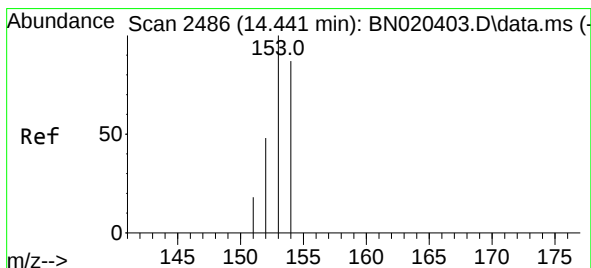
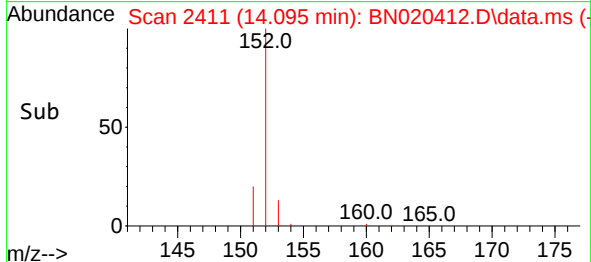
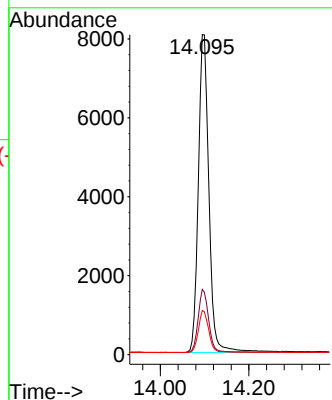
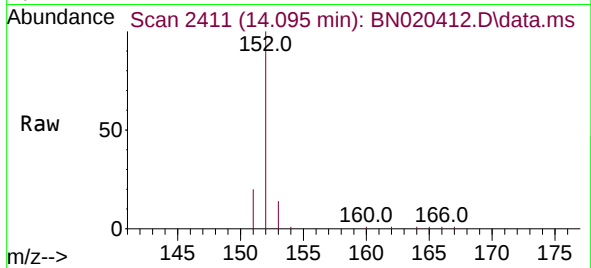




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.095 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

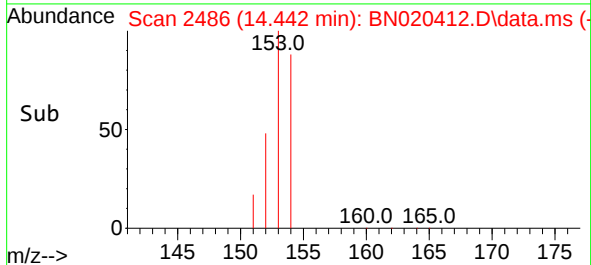
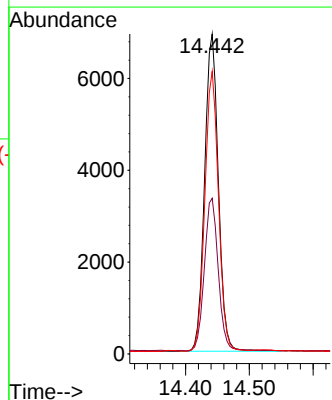
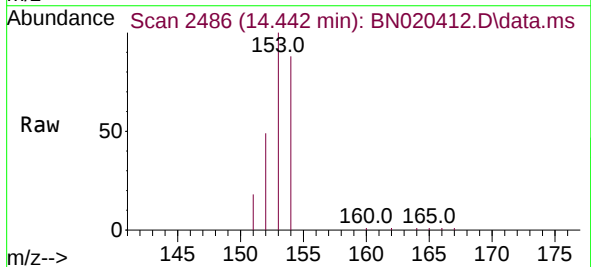
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

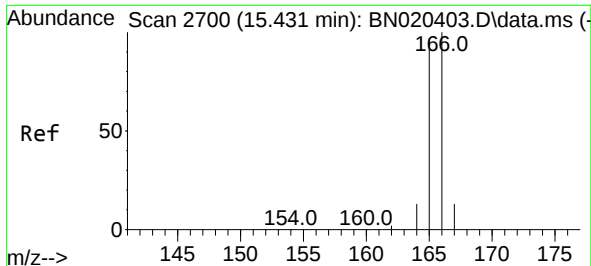
Tgt Ion:152 Resp: 13377
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

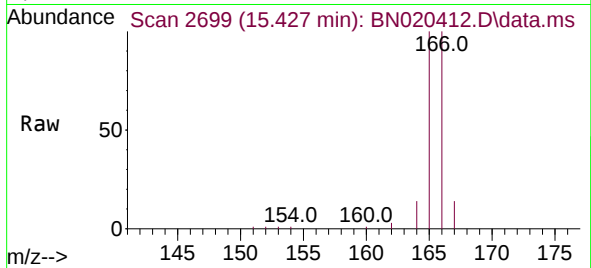
Tgt Ion:153 Resp: 10346
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 88.3 70.0 105.0



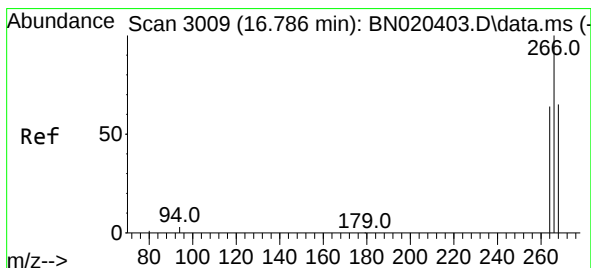
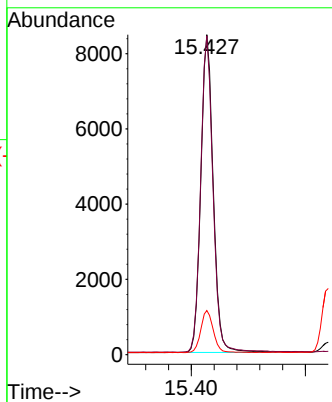
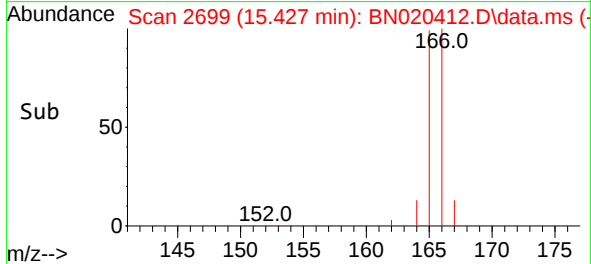


#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

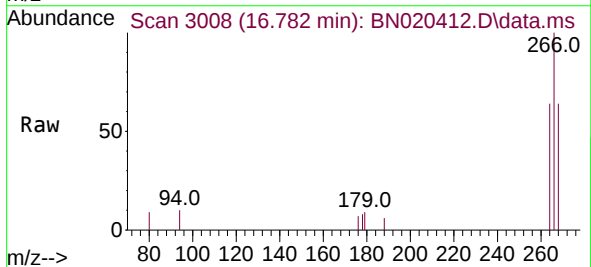
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



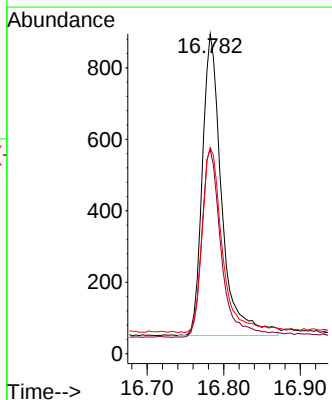
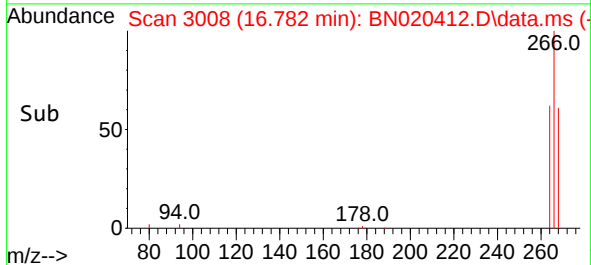
Tgt Ion:166 Resp: 12745
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.2
167 13.8 11.3 16.9

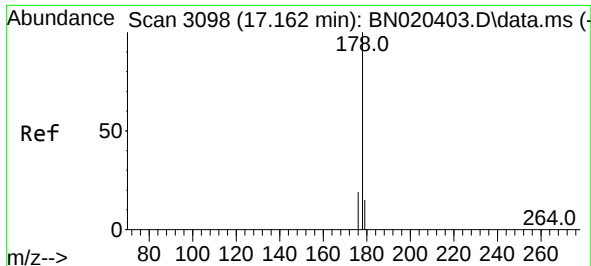


#14
Pentachlorophenol
Concen: 0.378 ng/ul
RT: 16.782 min Scan# 3008
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33



Tgt Ion:266 Resp: 1487
Ion Ratio Lower Upper
266 100
264 63.4 51.6 77.4
268 63.8 51.5 77.3

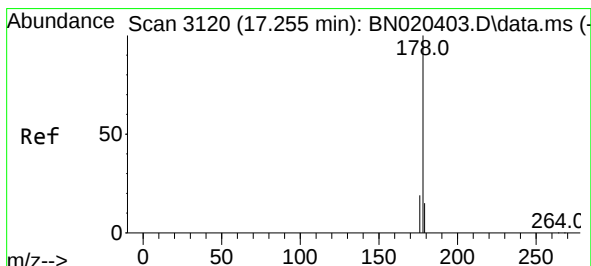
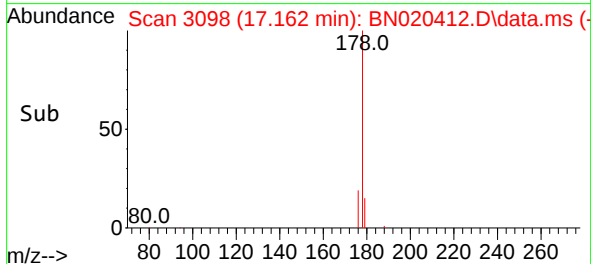
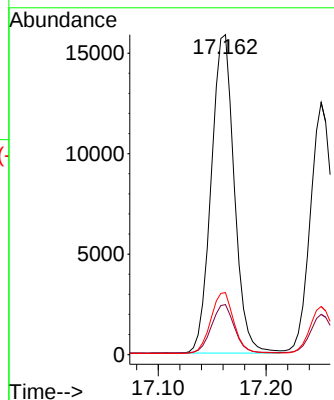
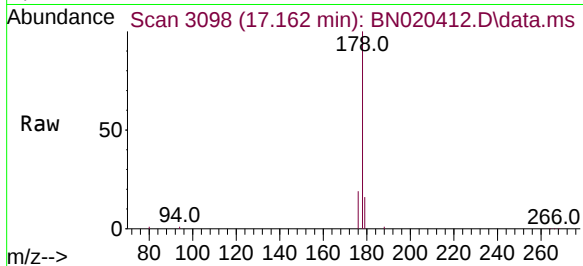




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

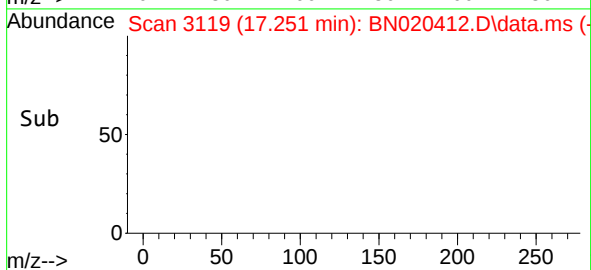
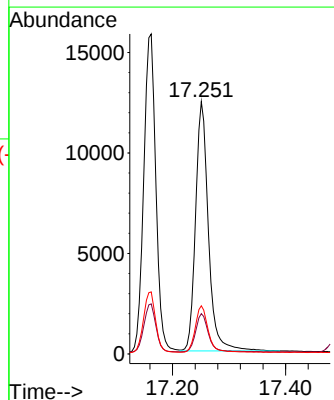
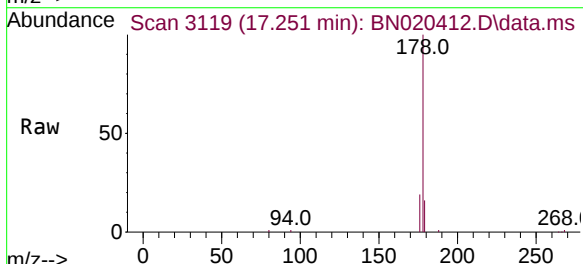
Instrument :
BNA_N
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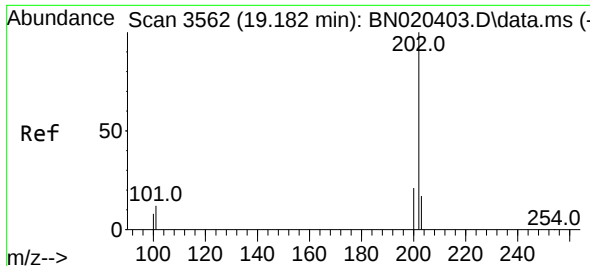
Tgt Ion:178	Resp:	23559
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 18.8
176	19.4	15.8 23.6



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:178	Resp:	19438
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	19.1	15.2 22.8

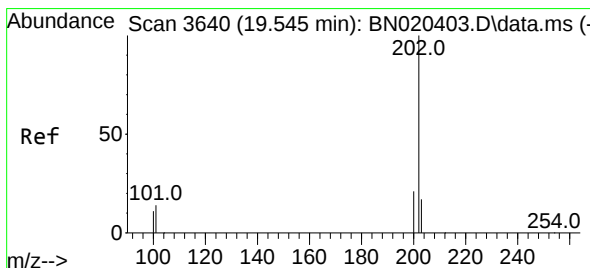
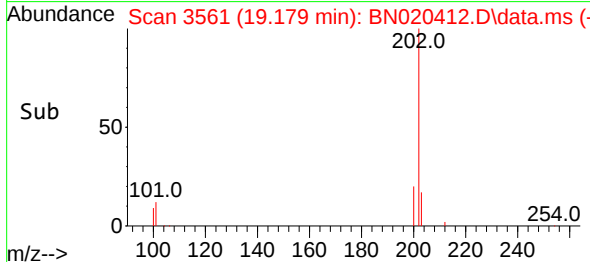
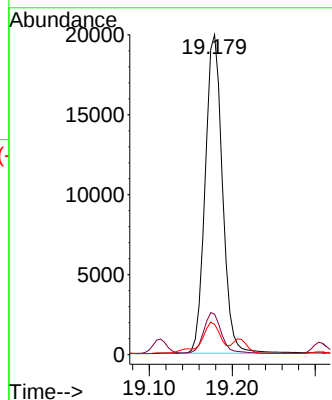
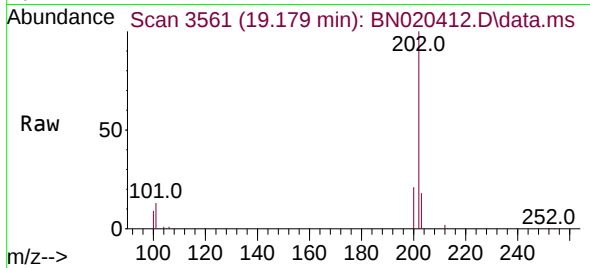




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.179 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

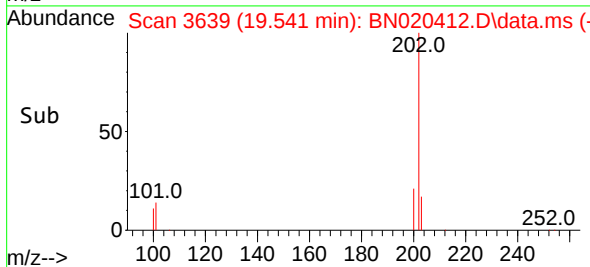
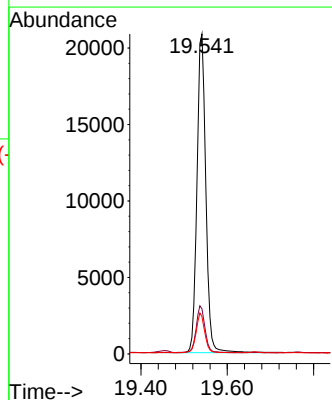
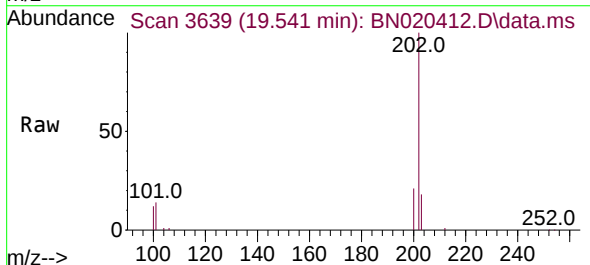
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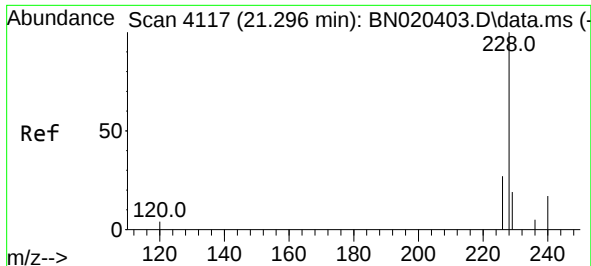
Tgt Ion:202 Resp: 28676
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.4 7.8 11.6



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:202 Resp: 29670
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.6 9.2 13.8

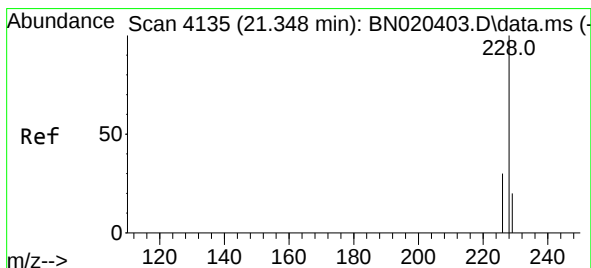
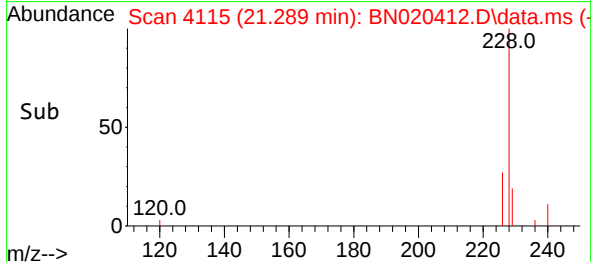
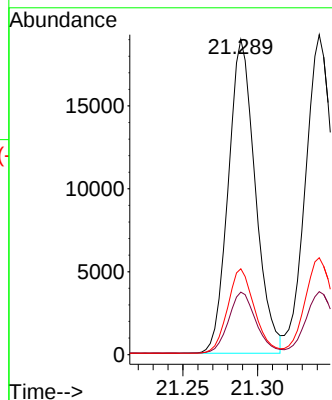
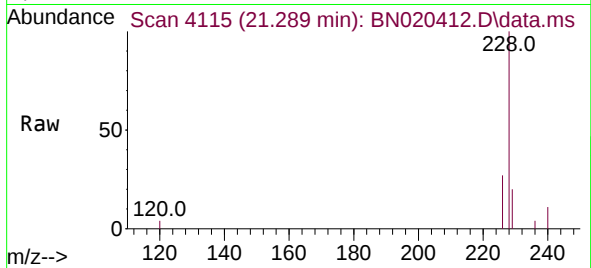




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.289 min Scan# 4115
Delta R.T. -0.006 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

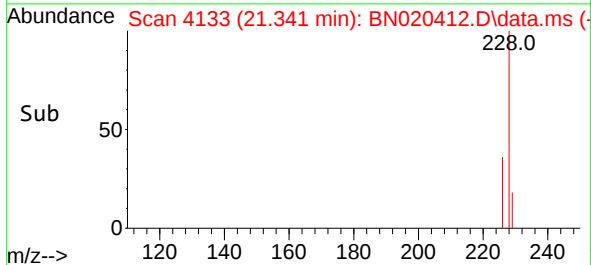
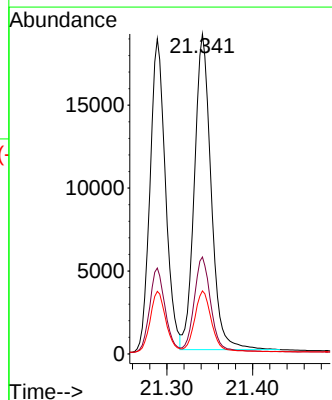
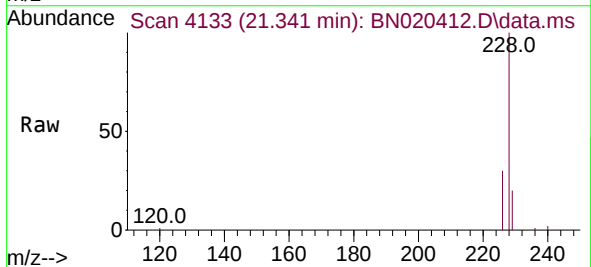
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

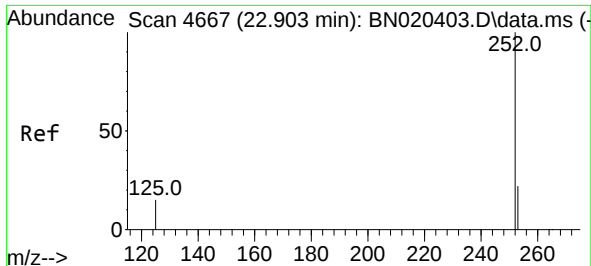
Tgt Ion:228 Resp: 23787
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.341 min Scan# 4133
Delta R.T. -0.006 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:228 Resp: 25750
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 19.7 15.8 23.8

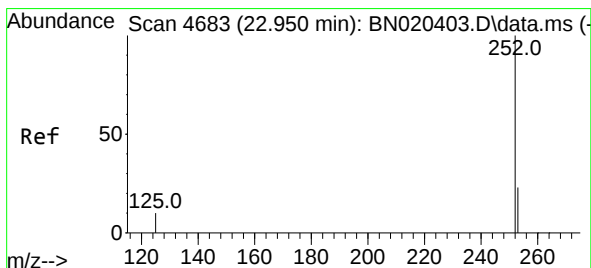
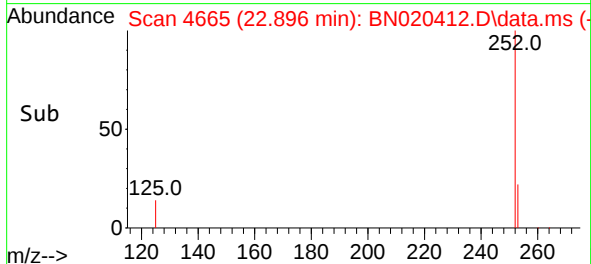
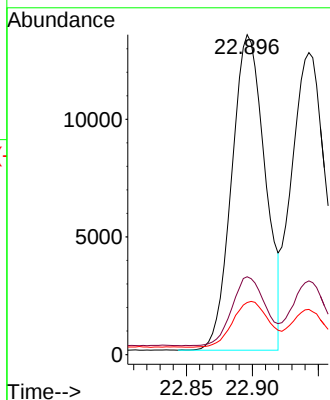
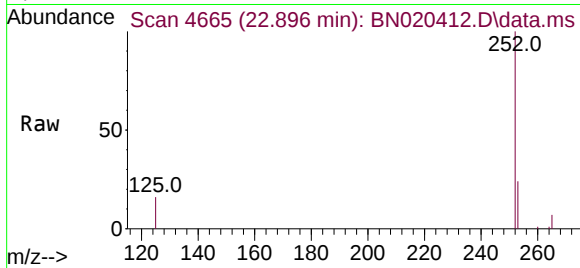




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.896 min Scan# 4665
Delta R.T. -0.009 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

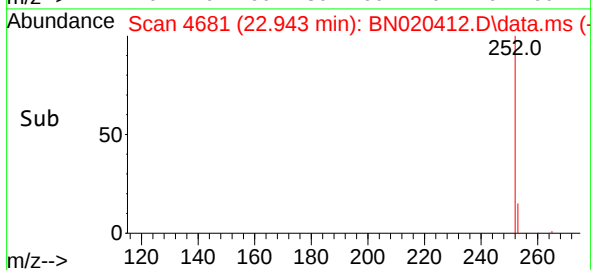
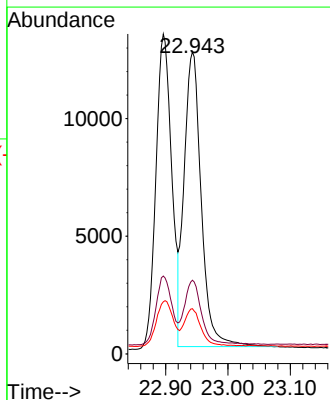
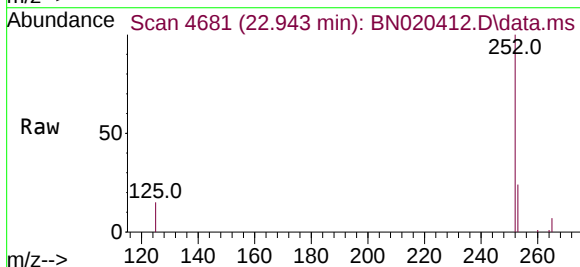
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

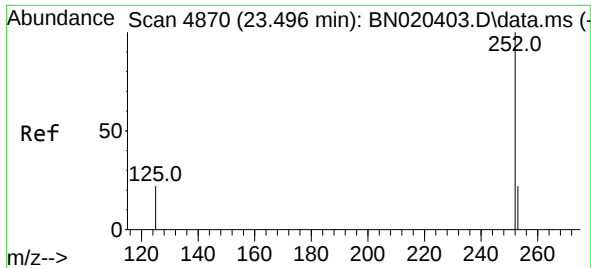
Tgt Ion:252 Resp: 23612
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.6
125 16.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 22.943 min Scan# 4681
Delta R.T. -0.009 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:252 Resp: 23972
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 14.9 12.0 18.0

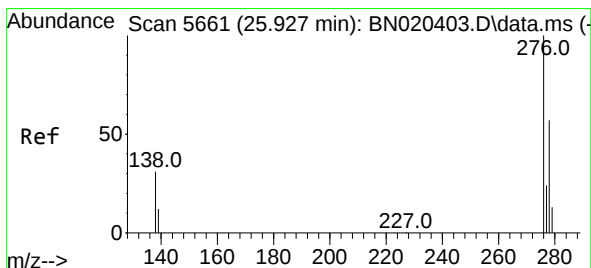
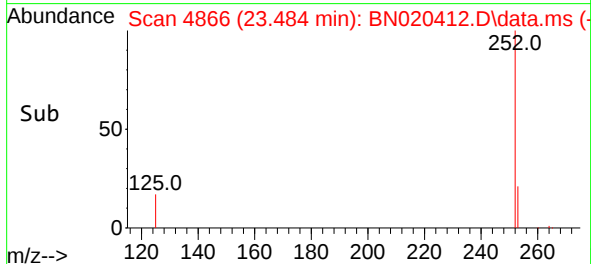
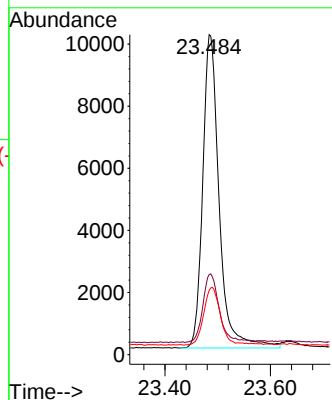
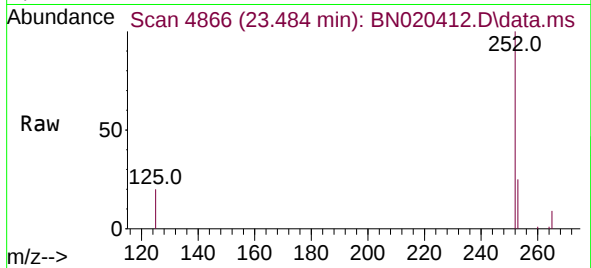




#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.484 min Scan# 4866
Delta R.T. -0.009 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

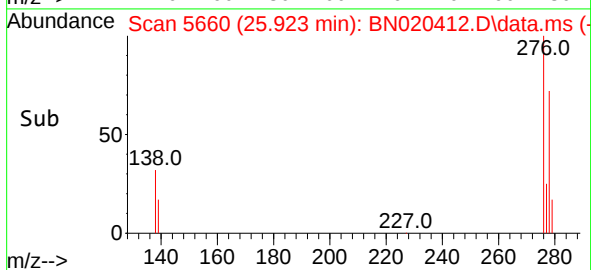
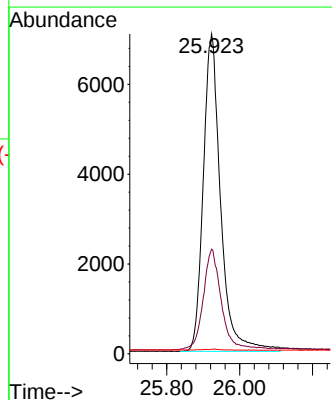
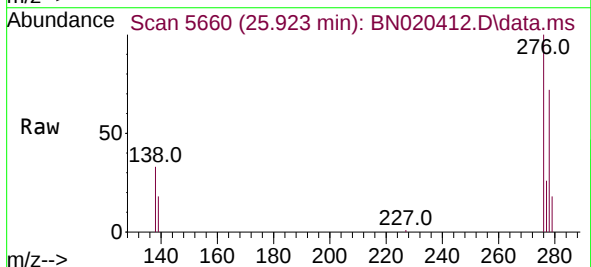
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

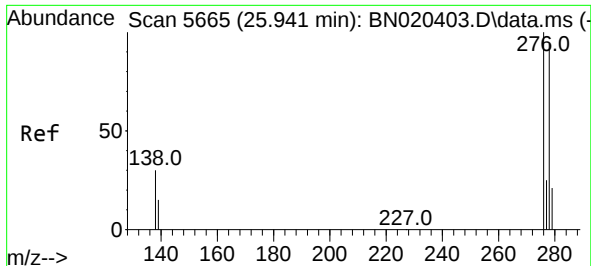
Tgt Ion:	252	Resp:	21823
Ion Ratio	Lower	Upper	
252	100		
253	25.0	21.0	31.4
125	20.1	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 25.923 min Scan# 5660
Delta R.T. -0.010 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:	276	Resp:	23346
Ion Ratio	Lower	Upper	
276	100		
138	33.3	27.4	41.2
227	0.1	0.2	0.2

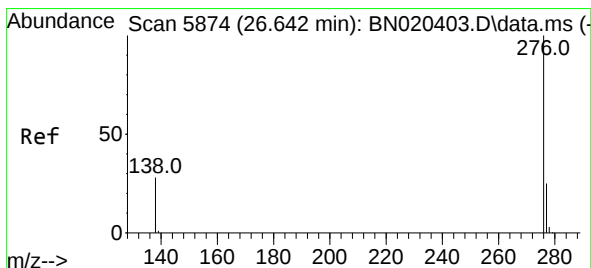
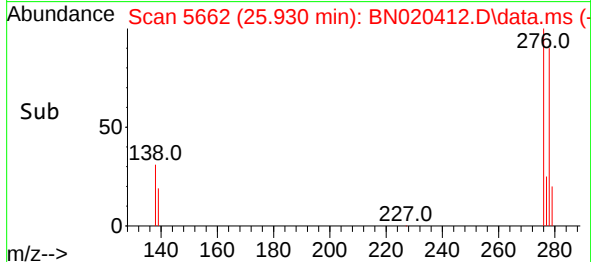
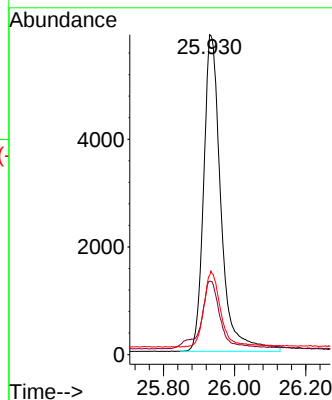
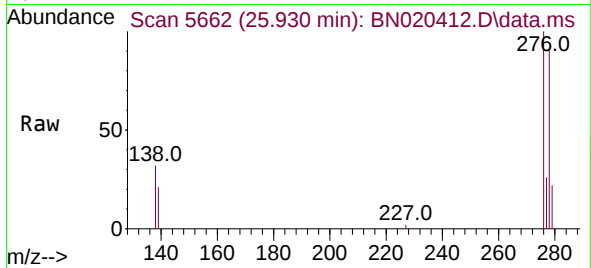




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.930 min Scan# 5662
Delta R.T. -0.020 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

Tgt Ion:278 Resp: 19789
Ion Ratio Lower Upper
278 100
139 22.9 18.8 28.2
279 24.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.637 min Scan# 5873
Delta R.T. -0.010 min
Lab File: BN020412.D
Acq: 25 Jun 2022 00:33

Tgt Ion:276 Resp: 19663
Ion Ratio Lower Upper
276 100
138 28.4 23.5 35.3
277 24.2 20.1 30.1

