

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021024.D
 Acq On : 05 Aug 2022 13:24
 Operator : CG/JU
 Sample : PB146650BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 06 00:27:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

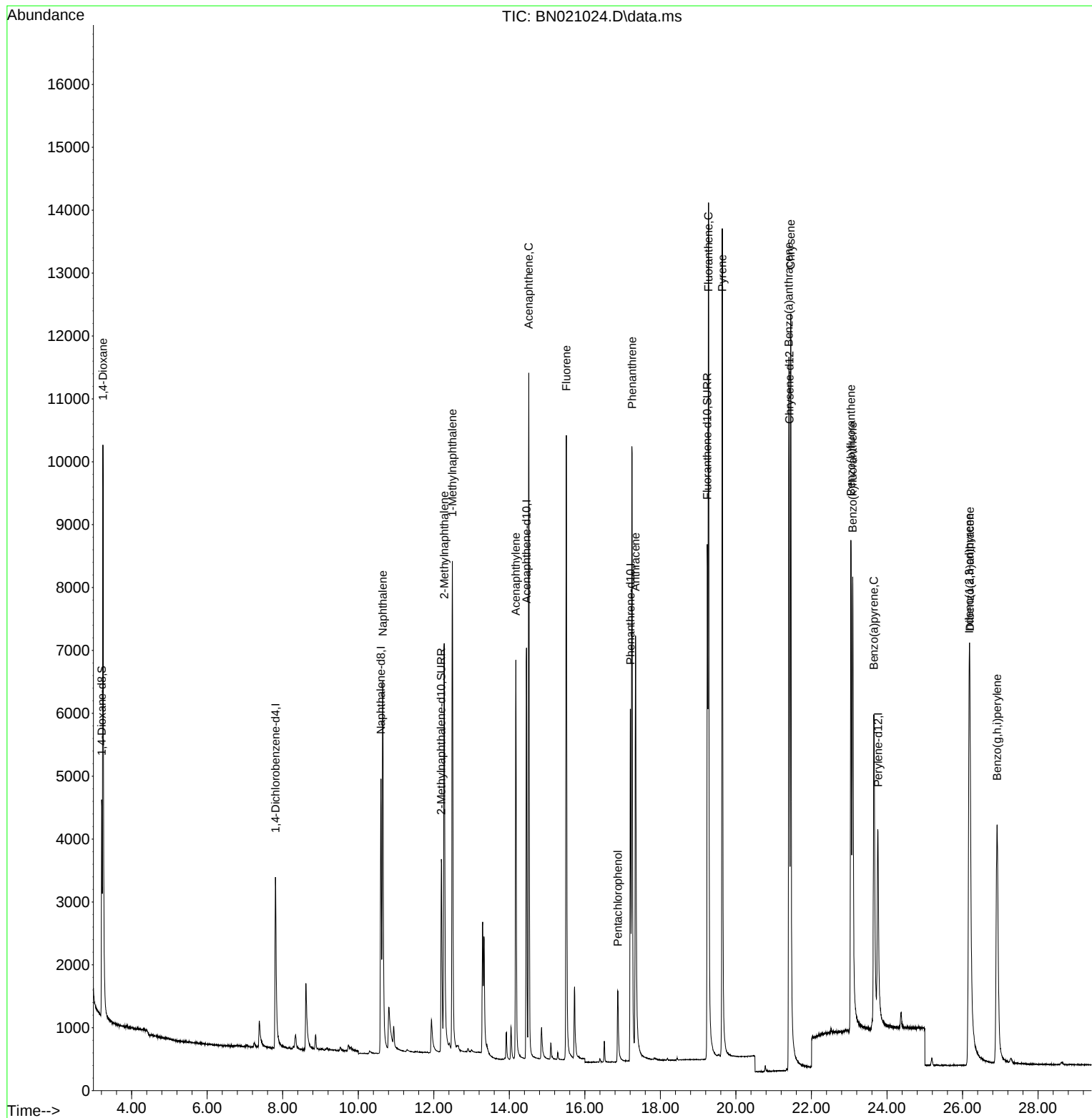
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2147	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	6976	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	3880	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	7514	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6141	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	5073	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2350	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4917	0.481	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	10182	0.537	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	6130	2.166	ng/ul#	82
5) Naphthalene	10.650	128	9741	0.455	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	5907	0.454	ng/ul	100
8) 1-Methylnaphthalene	12.492	142	6043	0.465	ng/ul	99
10) Acenaphthylene	14.173	152	8243	0.454	ng/ul	99
11) Acenaphthene	14.515	153	6733	0.449	ng/ul	99
12) Fluorene	15.510	166	7442	0.454	ng/ul	100
14) Pentachlorophenol	16.870	266	1077	0.930	ng/ul	99
15) Phenanthrene	17.250	178	11962	0.445	ng/ul	99
16) Anthracene	17.343	178	9862	0.474	ng/ul	100
19) Fluoranthene	19.275	202	13227	0.487	ng/ul	99
20) Pyrene	19.638	202	13494	0.481	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9737	0.486	ng/ul	99
22) Chrysene	21.453	228	12085	0.458	ng/ul	99
24) Benzo(b)fluoranthene	23.046	252	10835	0.461	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	11605	0.468	ng/ul	98
26) Benzo(a)pyrene	23.654	252	10054	0.469	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.175	276	11028	0.431	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.196	278	8771	0.434	ng/ul	97
29) Benzo(g,h,i)perylene	26.917	276	9826	0.431	ng/ul	99

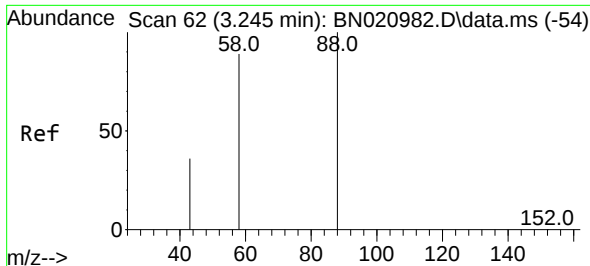
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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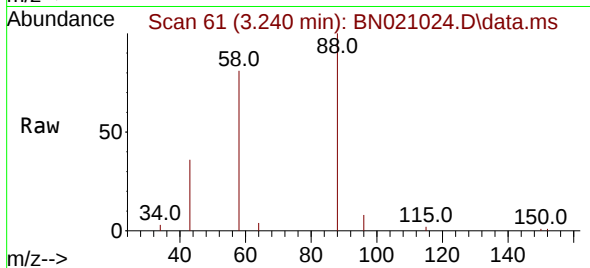
Quant Time: Aug 06 00:27:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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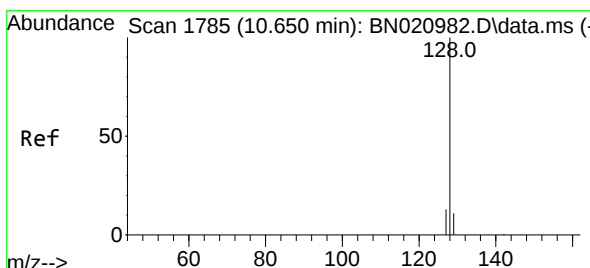
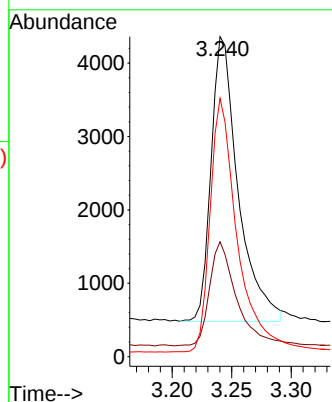
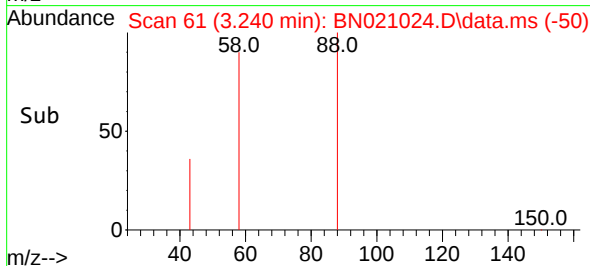


#2
 1,4-Dioxane
 Concen: 2.166 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021024.D
 Acq: 05 Aug 2022 13:24

Instrument :
 BNA_N
 ClientSampleId :

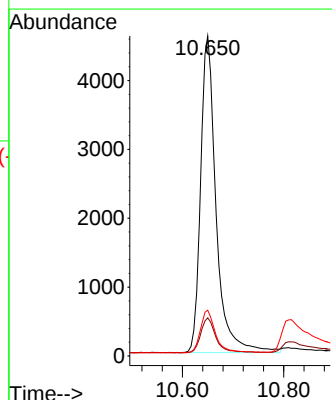
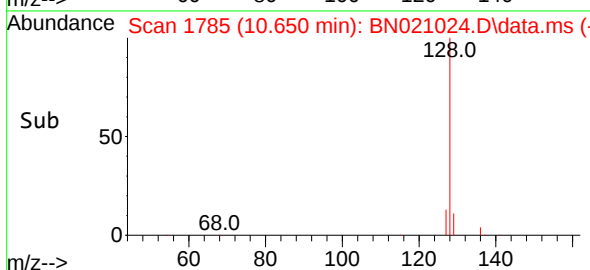
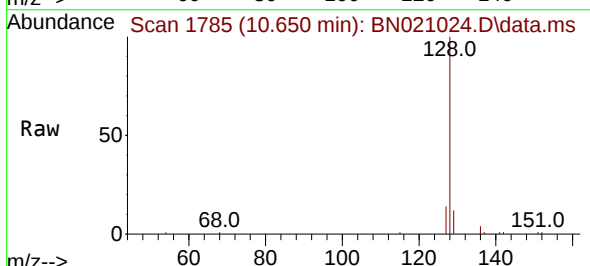


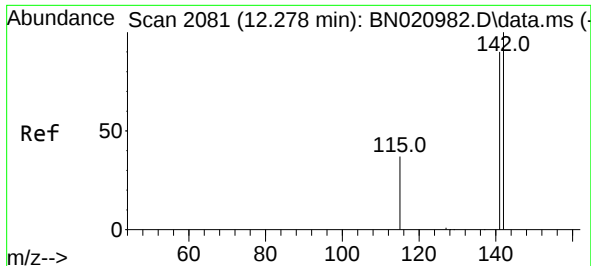
Tgt Ion: 88 Resp: 6130
 Ion Ratio Lower Upper
 88 100
 43 35.9 31.4 47.0
 58 80.7 49.0 73.6#



#5
 Naphthalene
 Concen: 0.455 ng/ul
 RT: 10.650 min Scan# 1785
 Delta R.T. -0.001 min
 Lab File: BN021024.D
 Acq: 05 Aug 2022 13:24

Tgt Ion: 128 Resp: 9741
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.8 14.6
 127 14.3 11.6 17.4

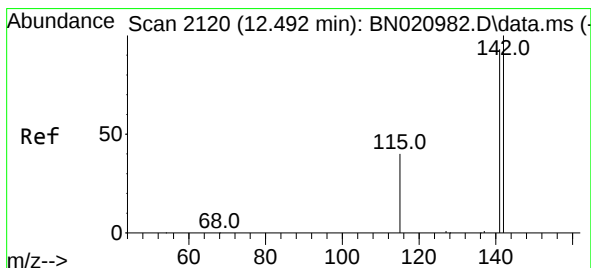
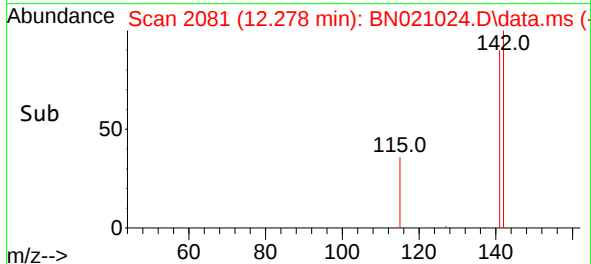
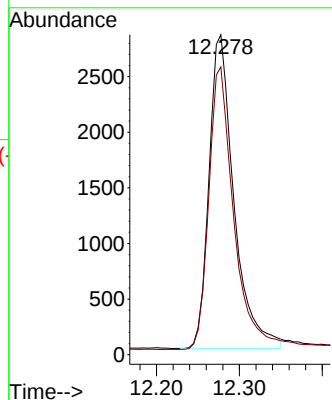
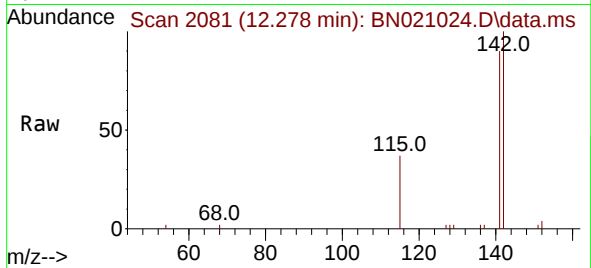




#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.001 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

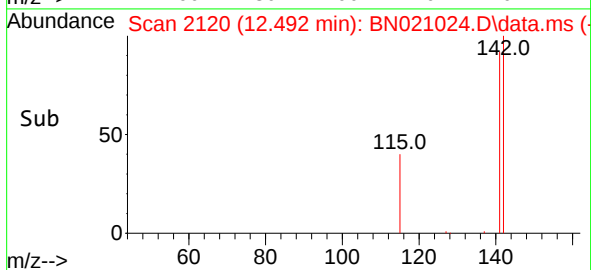
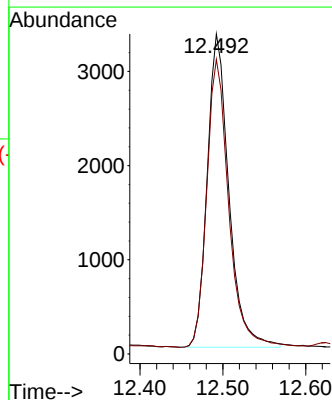
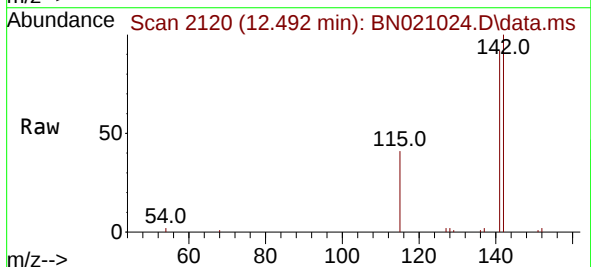
Instrument :
BNA_N
ClientSampleId :

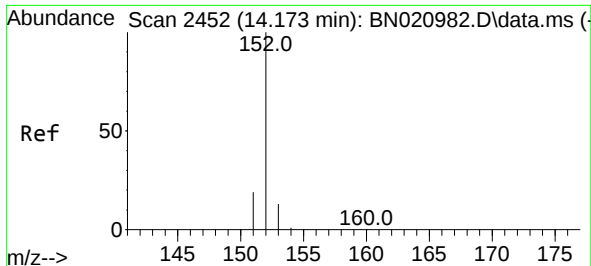
Tgt Ion:142 Resp: 5907
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Tgt Ion:142 Resp: 6043
Ion Ratio Lower Upper
142 100
141 93.0 73.9 110.9

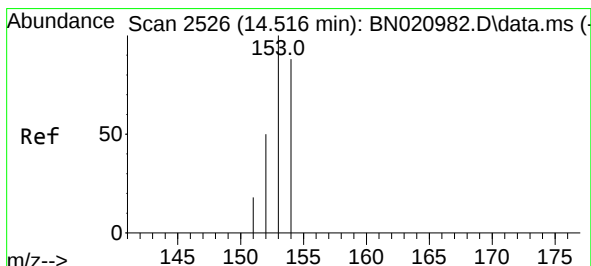
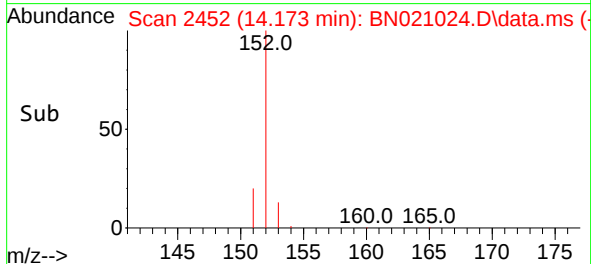
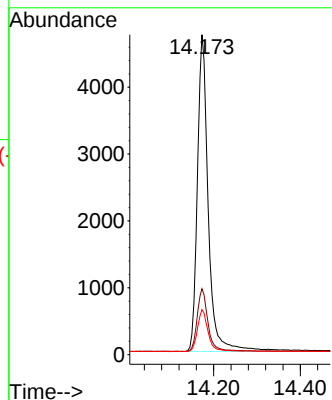
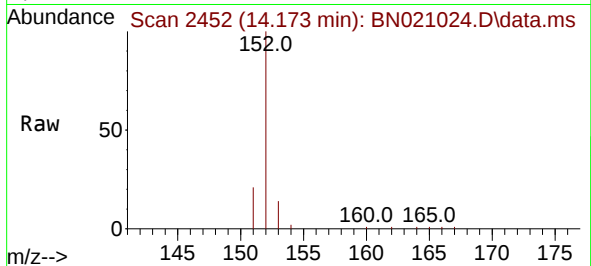




#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 14.173 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

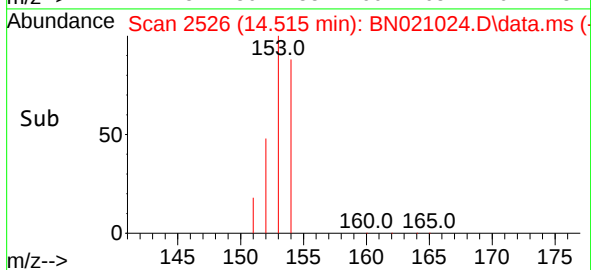
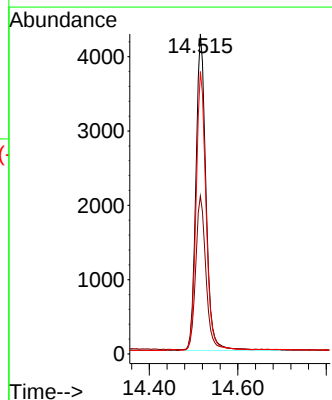
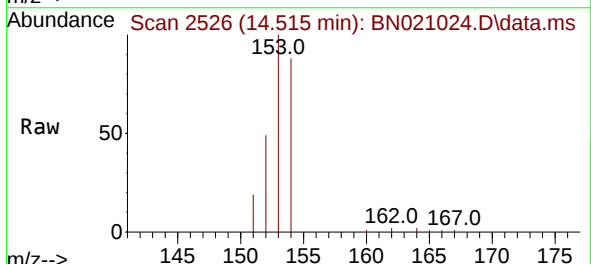
Instrument :
BNA_N
ClientSampleId :

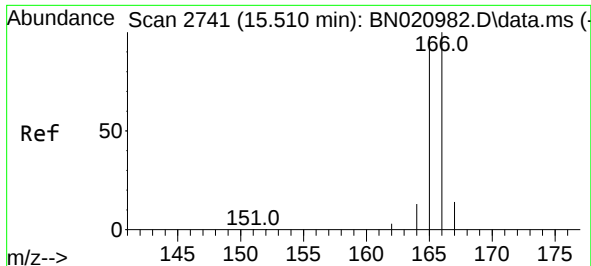
Tgt Ion:152 Resp: 8243
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

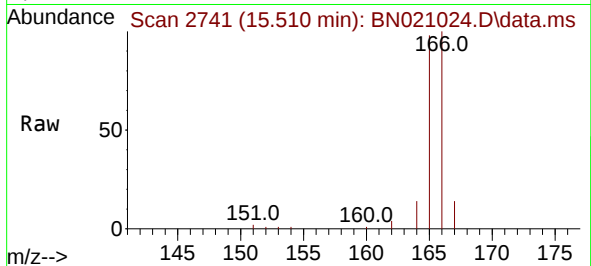
Tgt Ion:153 Resp: 6733
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 88.3 70.7 106.1



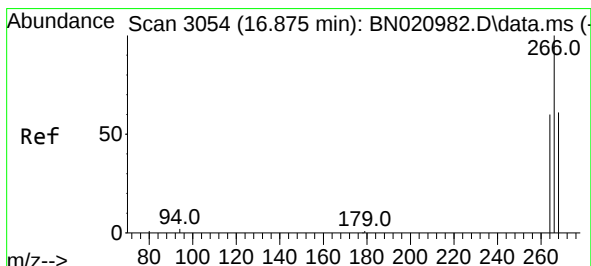
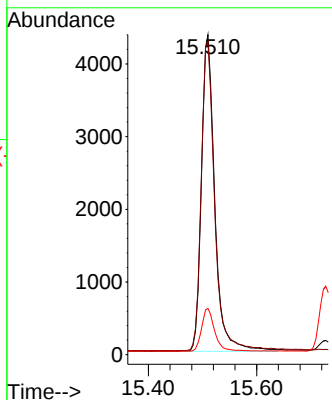
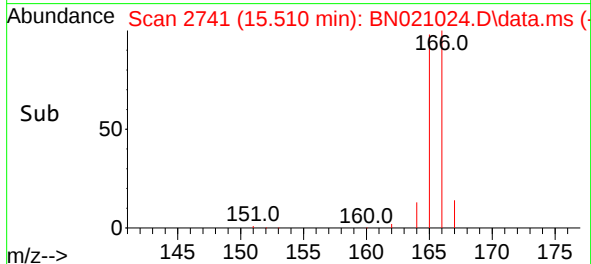


#12
 Fluorene
 Concen: 0.454 ng/ul
 RT: 15.510 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN021024.D
 Acq: 05 Aug 2022 13:24

Instrument :
 BNA_N
 ClientSampleId :

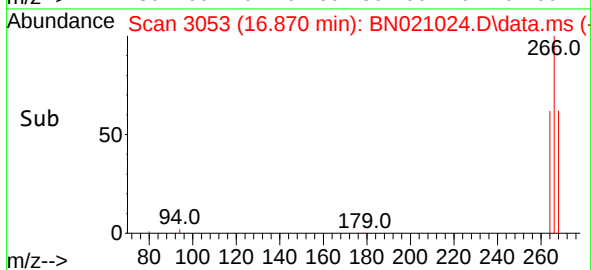
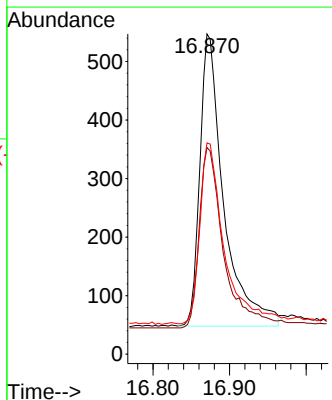
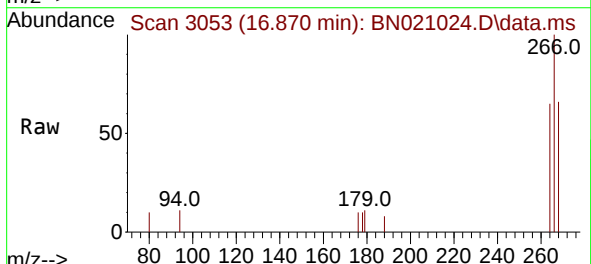


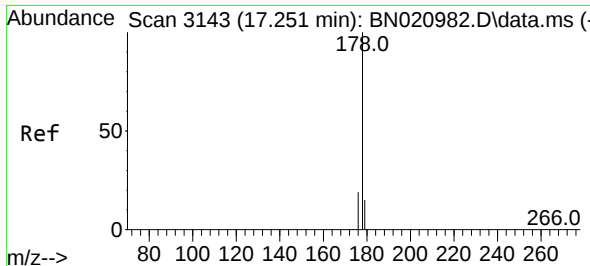
Tgt Ion:166 Resp: 7442
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.6 117.8
 167 14.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.930 ng/ul
 RT: 16.870 min Scan# 3053
 Delta R.T. -0.010 min
 Lab File: BN021024.D
 Acq: 05 Aug 2022 13:24

Tgt Ion:266 Resp: 1077
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.8 74.8
 268 63.1 50.6 75.8

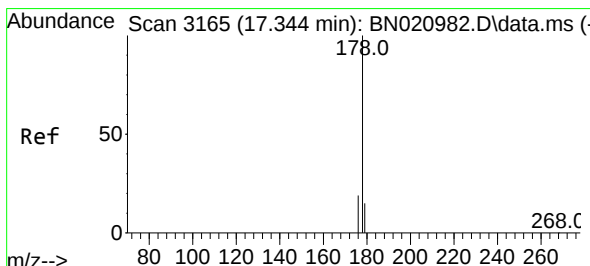
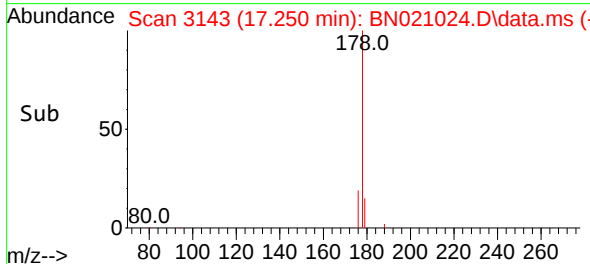
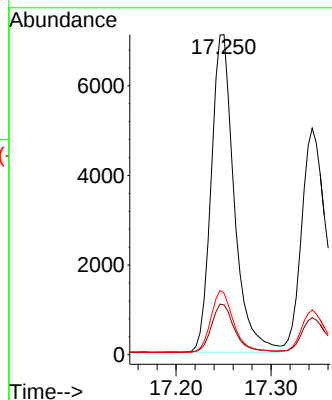
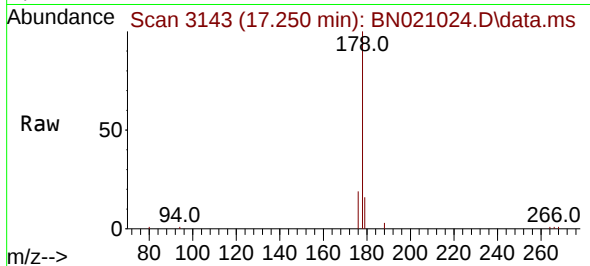




#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.250 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

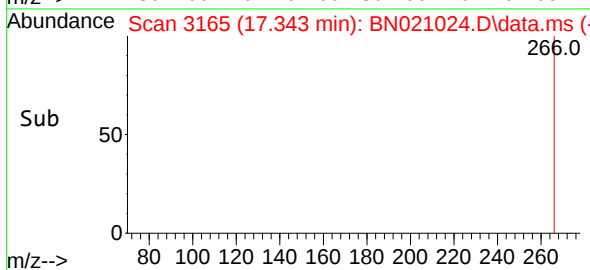
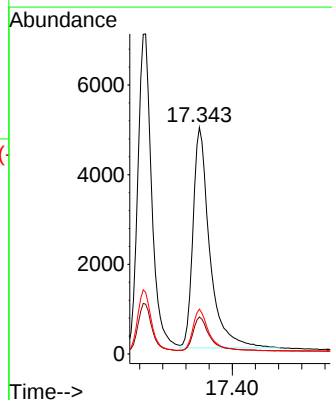
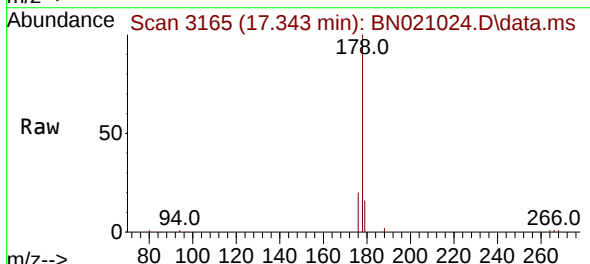
Instrument :
BNA_N
ClientSampleId :

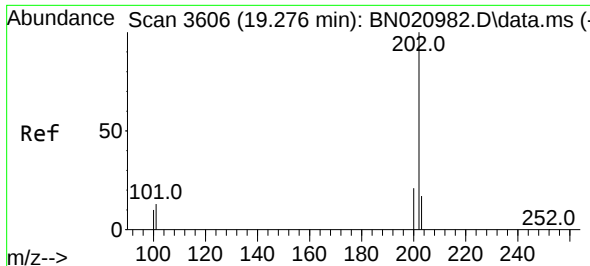
Tgt Ion:178 Resp: 11962
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.3 15.9 23.9



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

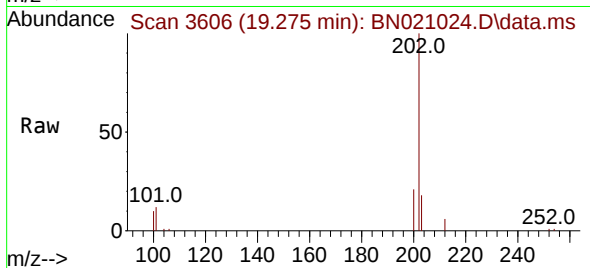
Tgt Ion:178 Resp: 9862
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.8 15.9 23.9



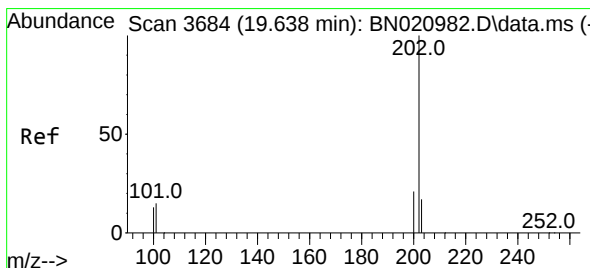
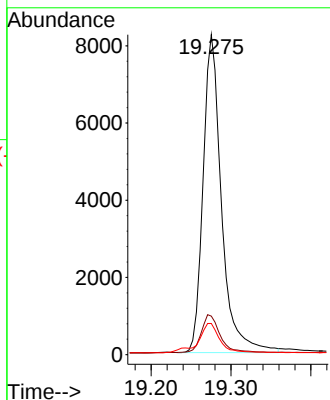
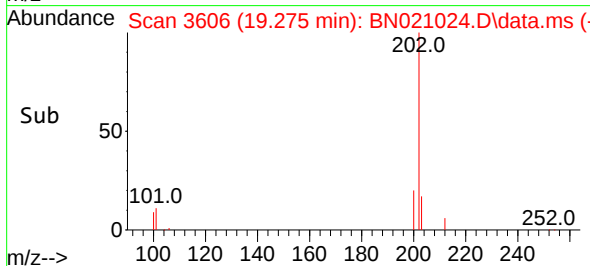


#19
Fluoranthene
Concen: 0.487 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Instrument :
BNA_N
ClientSampleId :

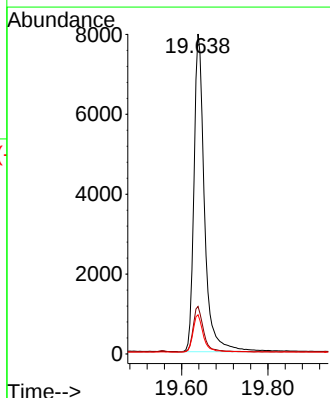
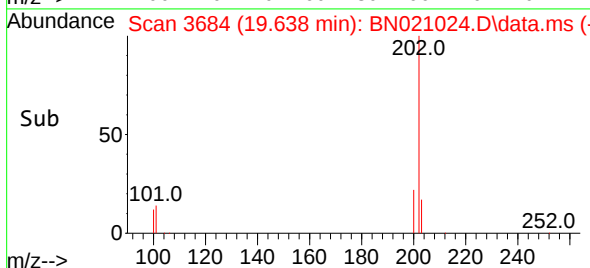
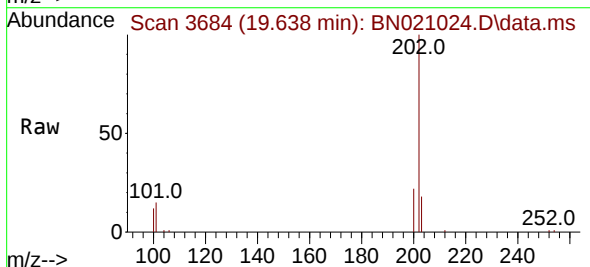


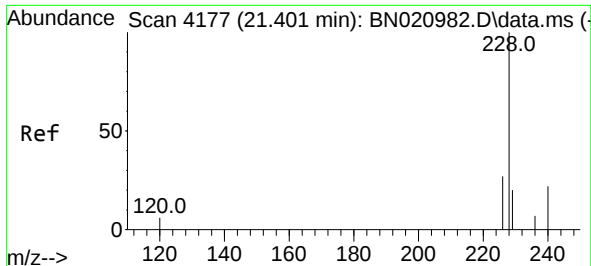
Tgt Ion:202 Resp: 13227
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.638 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Tgt Ion:202 Resp: 13494
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.3 9.0 13.4

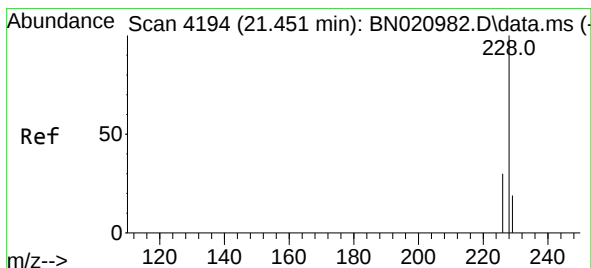
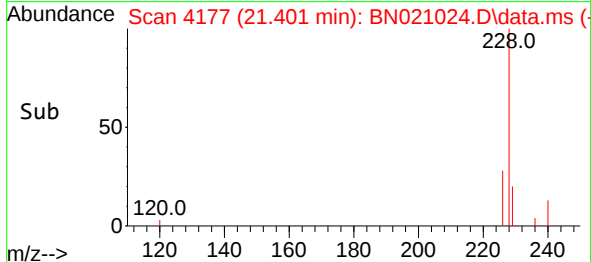
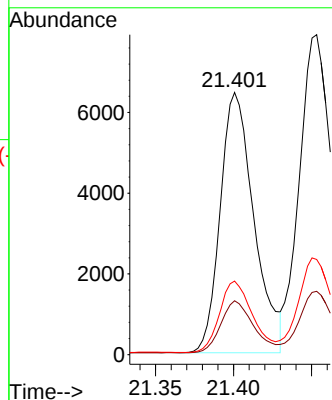
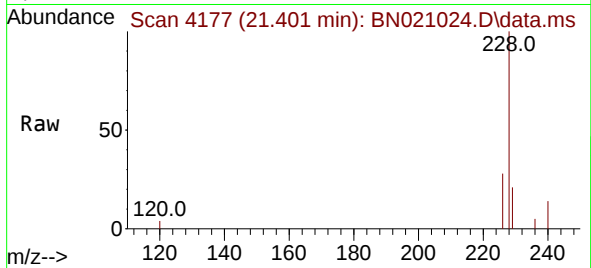




#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

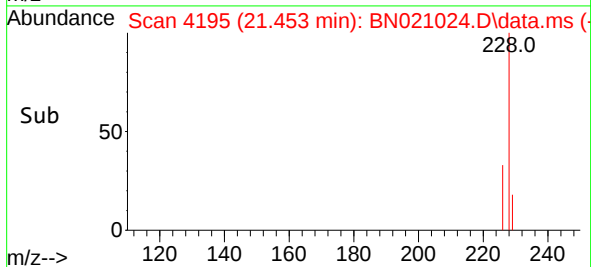
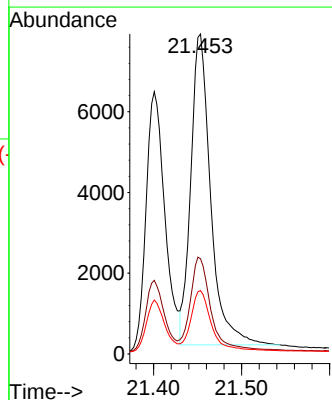
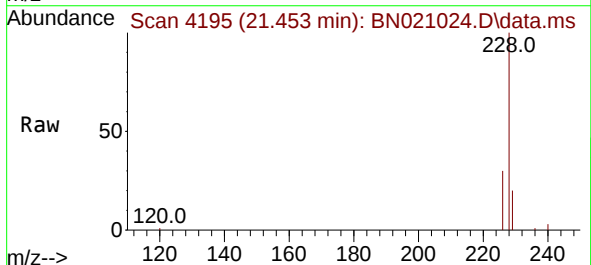
Instrument :
BNA_N
ClientSampleId :

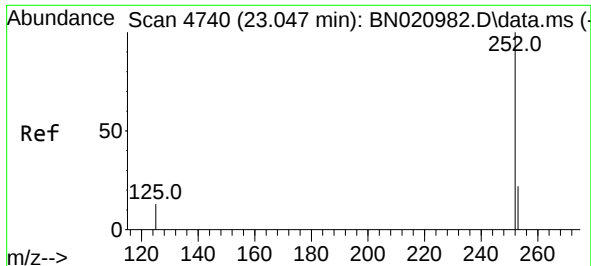
Tgt Ion:228 Resp: 9737
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.458 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

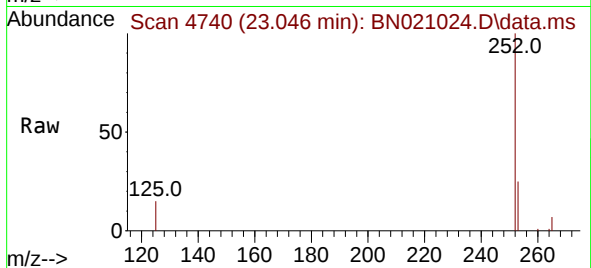
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Ion Ratio Lower Upper
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226 29.7 24.6 37.0
229 19.8 15.8 23.8



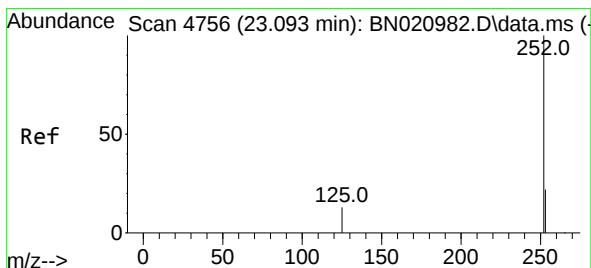
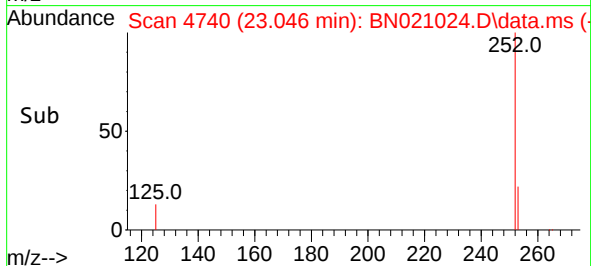
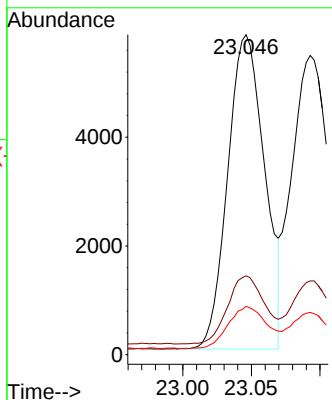


#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 23.046 min Scan# 4740
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Instrument :
BNA_N
ClientSampleId :

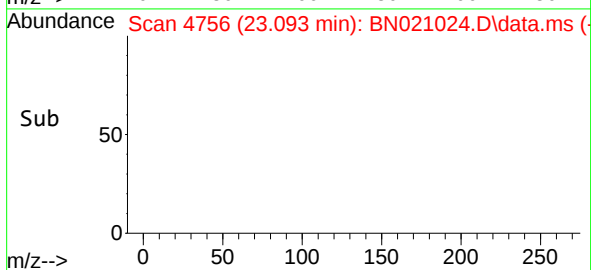
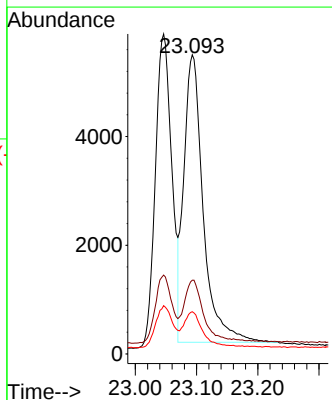
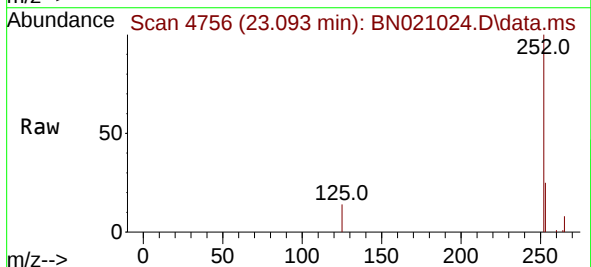


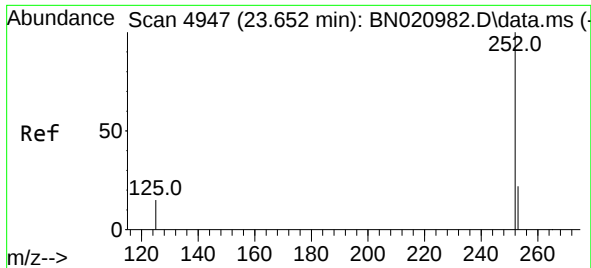
Tgt Ion:252 Resp: 10835
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.8
125 15.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

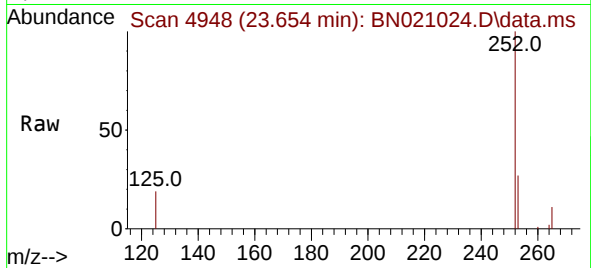
Tgt Ion:252 Resp: 11605
Ion Ratio Lower Upper
252 100
253 24.6 20.6 31.0
125 14.1 11.8 17.6



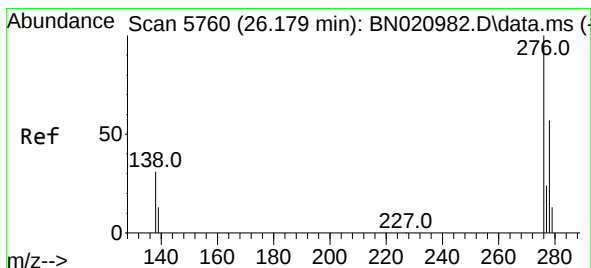
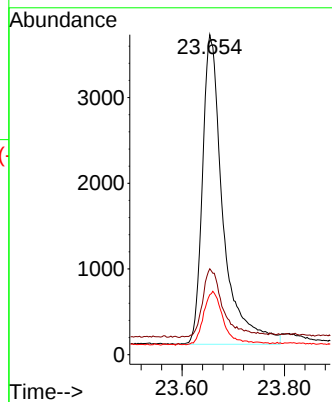
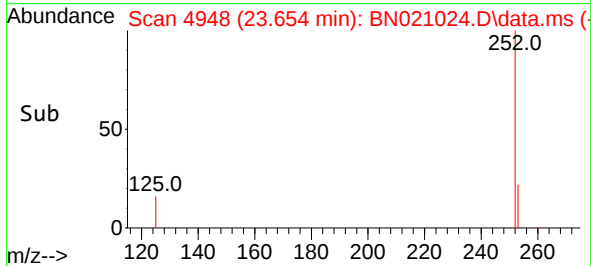


#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.654 min Scan# 4947
Delta R.T. -0.006 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Instrument :
BNA_N
ClientSampleId :

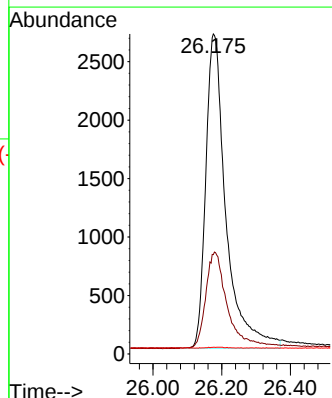
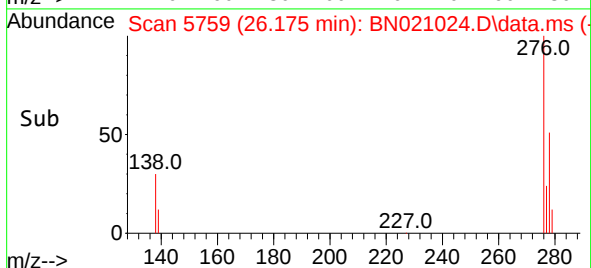
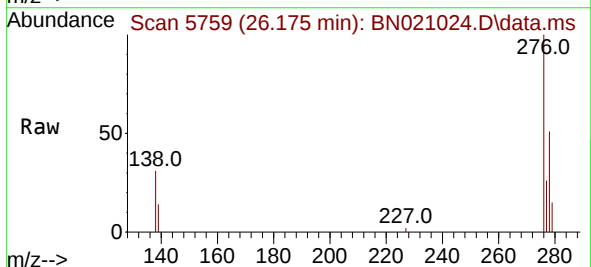


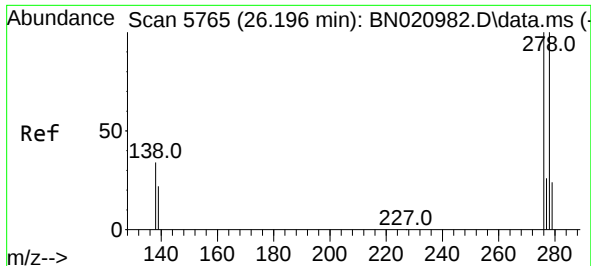
Tgt Ion:252 Resp: 10054
Ion Ratio Lower Upper
252 100
253 26.8 22.1 33.1
125 18.7 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.175 min Scan# 5759
Delta R.T. -0.010 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

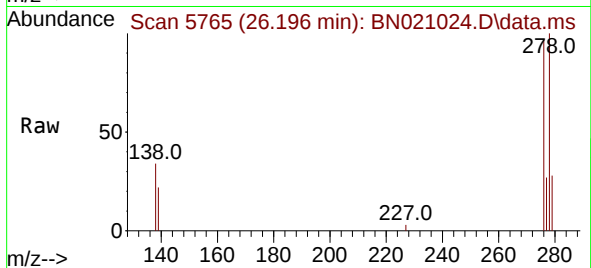
Tgt Ion:276 Resp: 11028
Ion Ratio Lower Upper
276 100
138 32.7 26.1 39.1
227 0.1 0.1 0.1#



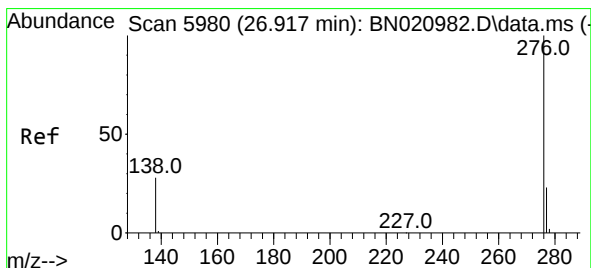
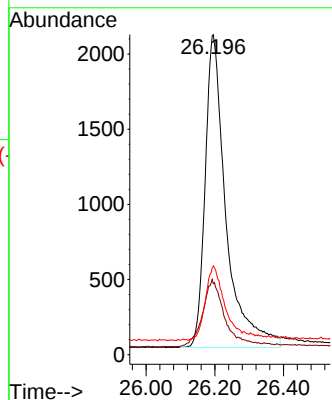
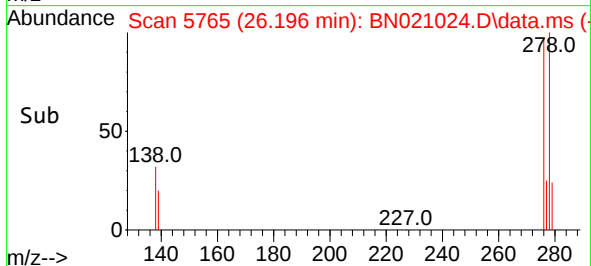


#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 8771
Ion Ratio Lower Upper
278 100
139 22.2 18.3 27.5
279 27.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021024.D
Acq: 05 Aug 2022 13:24

Tgt Ion:276 Resp: 9826
Ion Ratio Lower Upper
276 100
138 28.8 22.6 34.0
277 25.5 20.2 30.2

