

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025021.D
 Acq On : 20 Apr 2023 04:10
 Operator : CG/JU
 Sample : SST0.194
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:46:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 07:43:17 2023
 Response via : Initial Calibration

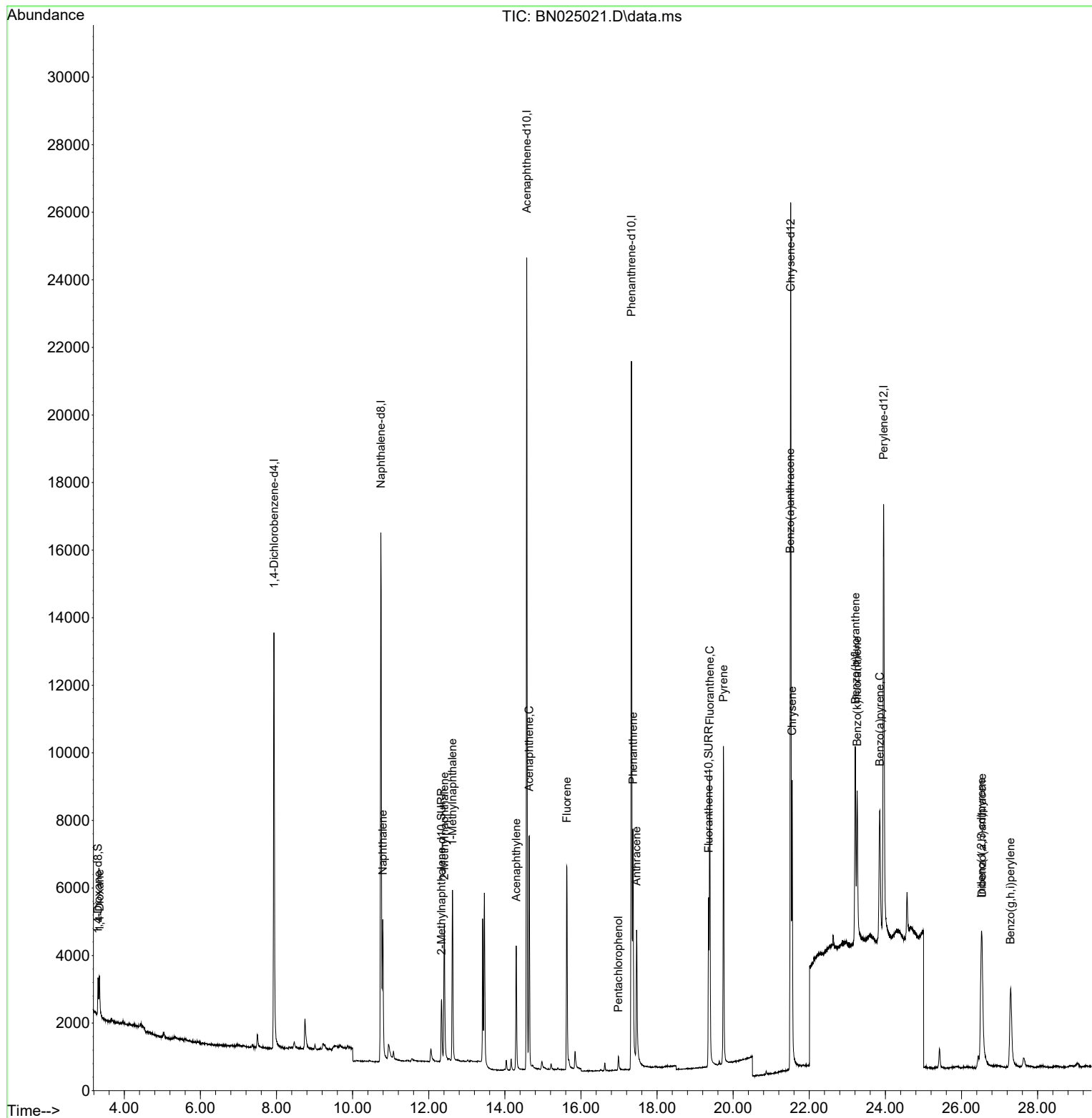
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	7198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.742	136	22104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	12969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	26444	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	22332	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	18107	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	785	0.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	2765	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	6035	0.109	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.347	88	898	0.104	ng/ul#	76
5) Naphthalene	10.792	128	5907	0.105	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	3370	0.096	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	3691	0.099	ng/ul	99
10) Acenaphthylene	14.298	152	4607	0.095	ng/ul	96
11) Acenaphthene	14.640	153	4100	0.098	ng/ul	99
12) Fluorene	15.630	166	4448	0.095	ng/ul	98
14) Pentachlorophenol	16.984	266	363	0.064	ng/ul	99
15) Phenanthrene	17.369	178	7882	0.106	ng/ul	97
16) Anthracene	17.462	178	5767	0.093	ng/ul	96
19) Fluoranthene	19.383	202	8178	0.106	ng/ul	96
20) Pyrene	19.745	202	8574	0.109	ng/ul	97
21) Benzo(a)anthracene	21.500	228	6519	0.092	ng/ul	98
22) Chrysene	21.550	228	7343	0.096	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	7248	0.100	ng/ul	77
25) Benzo(k)fluoranthene	23.257	252	6849	0.097	ng/ul#	75
26) Benzo(a)pyrene	23.853	252	6316	0.105	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.518	276	6876	0.097	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.541	278	5240	0.094	ng/ul#	84
29) Benzo(g,h,i)perylene	27.289	276	5974	0.099	ng/ul	95

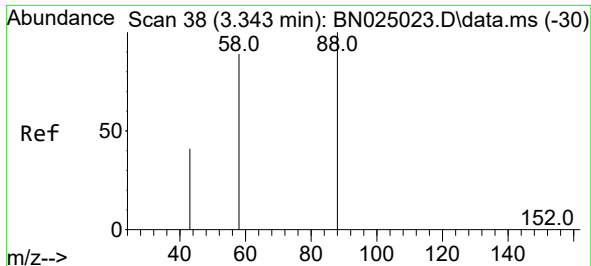
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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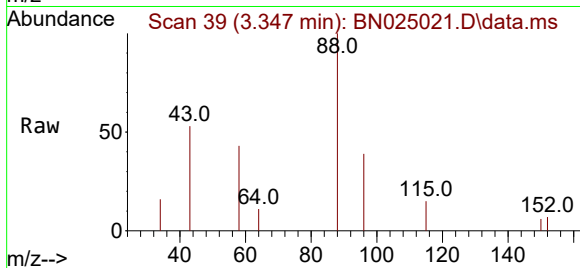
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 07:43:17 2023
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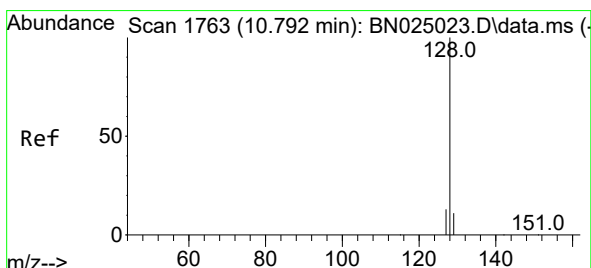
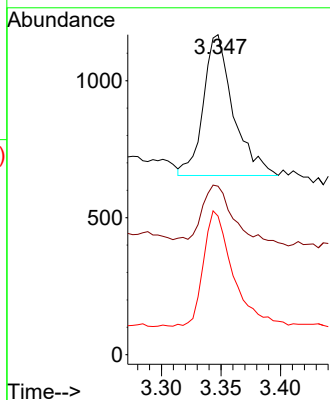
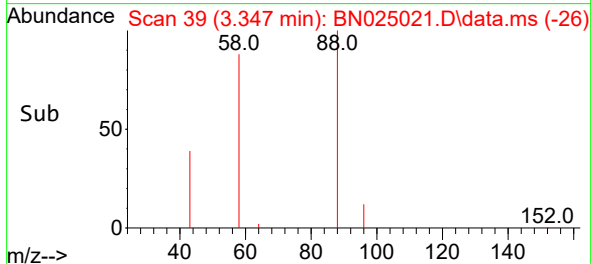


#2
 1,4-Dioxane
 Concen: 0.104 ng/ul
 RT: 3.347 min Scan# 39
 Delta R.T. 0.004 min
 Lab File: BN025021.D
 Acq: 20 Apr 2023 04:10

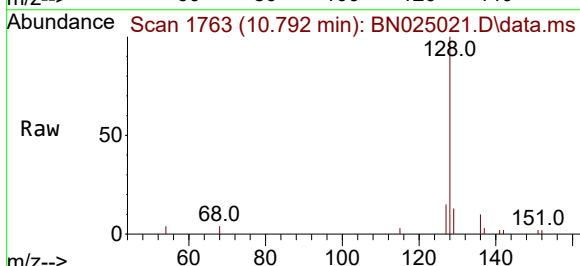
Instrument :
 BNA_N
 ClientSampleId :



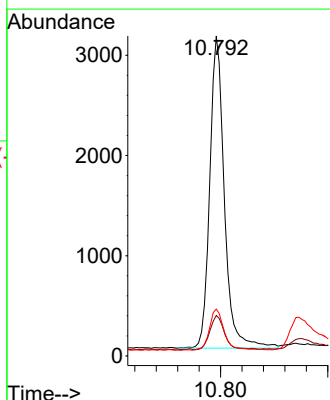
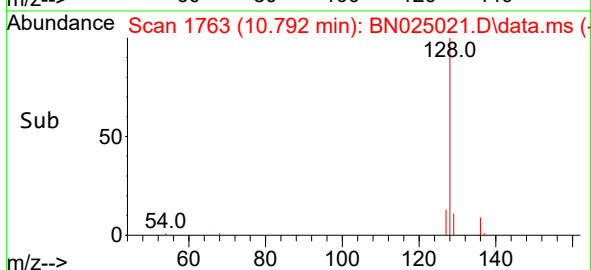
Tgt Ion: 88 Resp: 898
 Ion Ratio Lower Upper
 88 100
 43 52.7 37.0 55.4
 58 43.3 56.9 85.3#

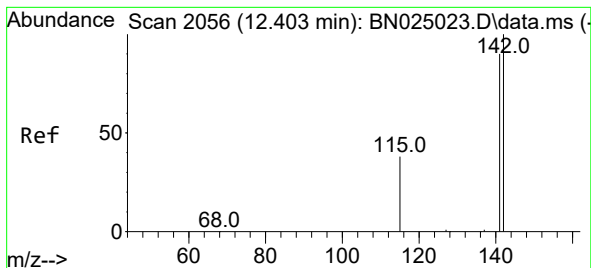


#5
 Naphthalene
 Concen: 0.105 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. -0.000 min
 Lab File: BN025021.D
 Acq: 20 Apr 2023 04:10



Tgt Ion: 128 Resp: 5907
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.0 13.6
 127 14.7 10.7 16.1

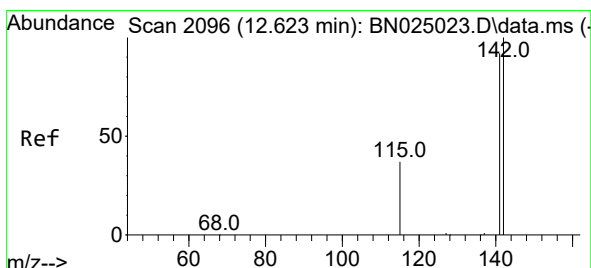
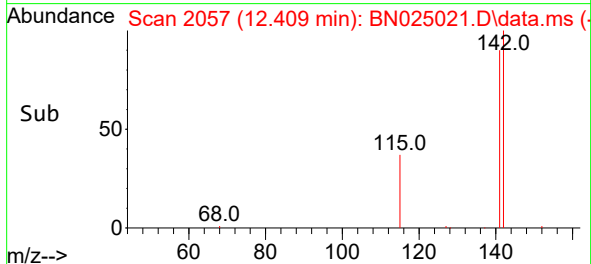
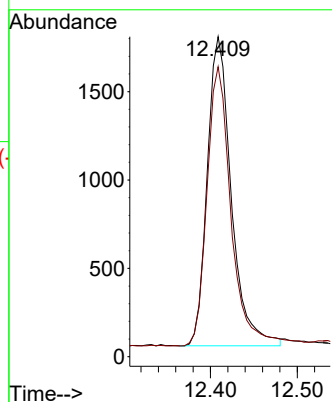
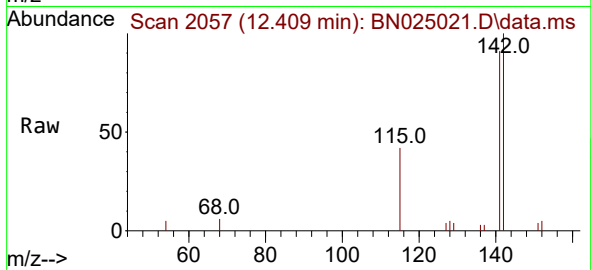




#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.409 min Scan# 2056
Delta R.T. 0.005 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

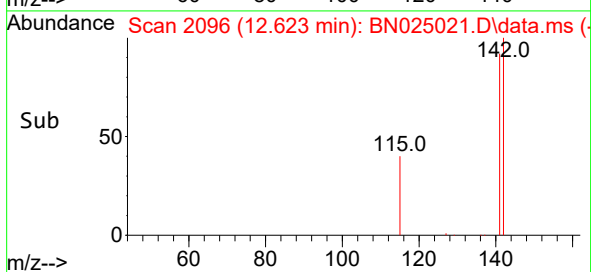
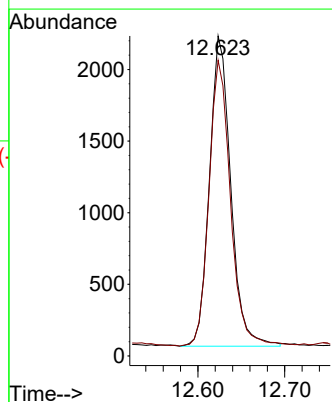
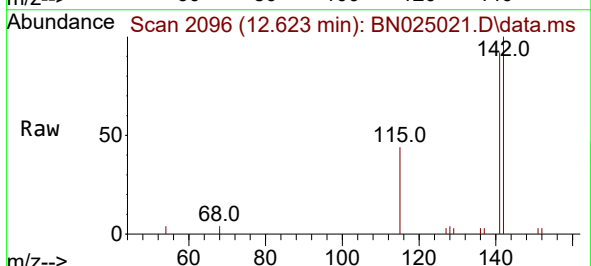
Instrument :
BNA_N
ClientSampleId :

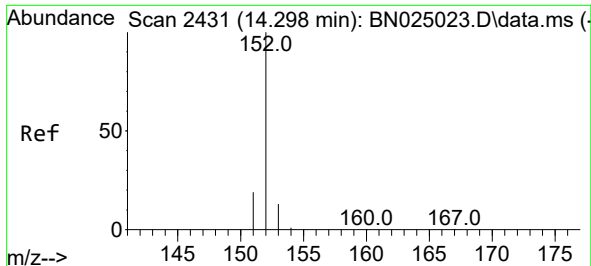
Tgt Ion:142 Resp: 3370
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

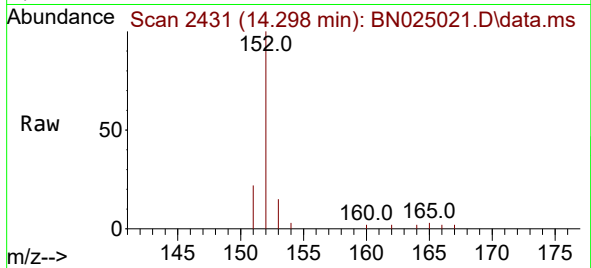
Tgt Ion:142 Resp: 3691
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6



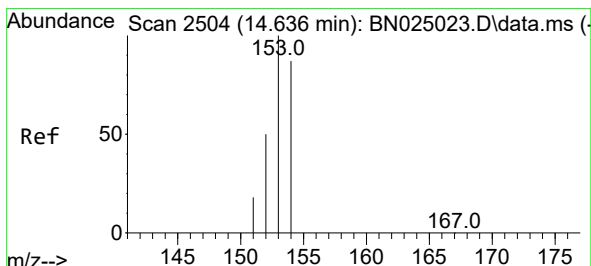
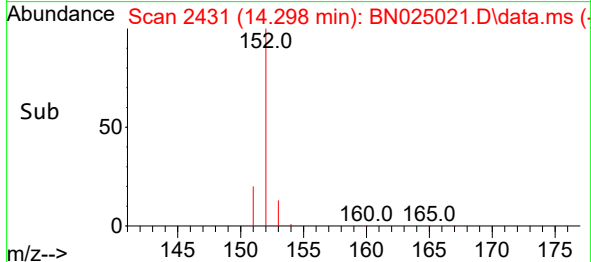
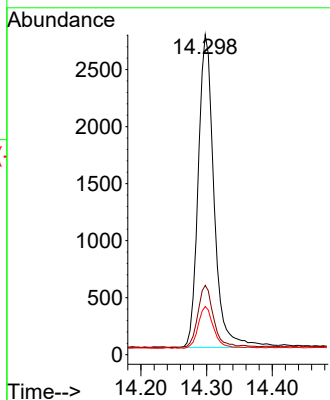


#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Instrument :
BNA_N
ClientSampleId :

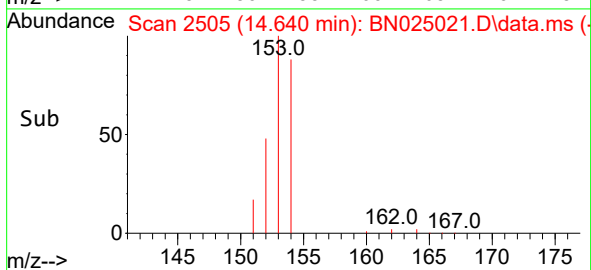
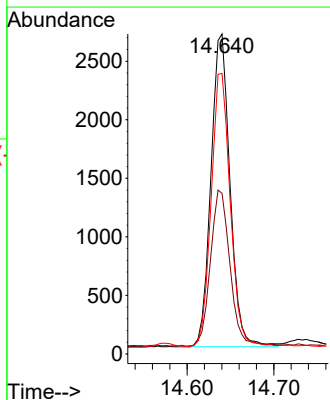
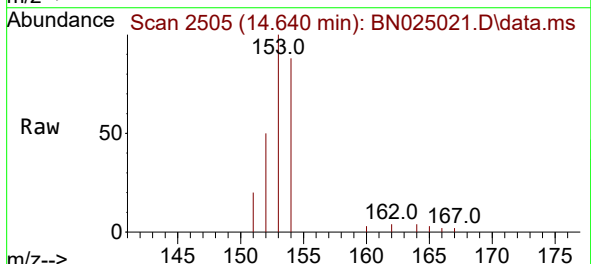


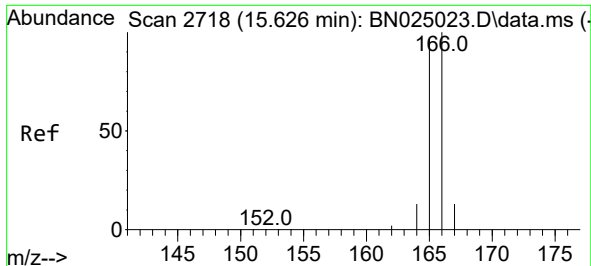
Tgt Ion:152 Resp: 4607
Ion Ratio Lower Upper
152 100
151 21.7 16.0 24.0
153 15.1 10.8 16.2



#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.005 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Tgt Ion:153 Resp: 4100
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 87.7 69.4 104.2

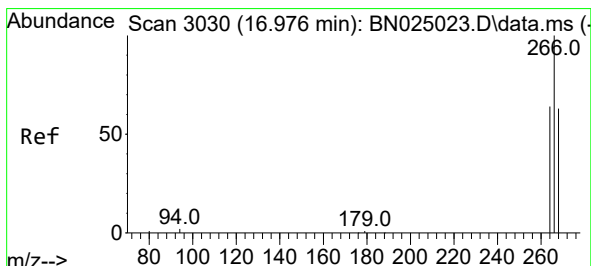
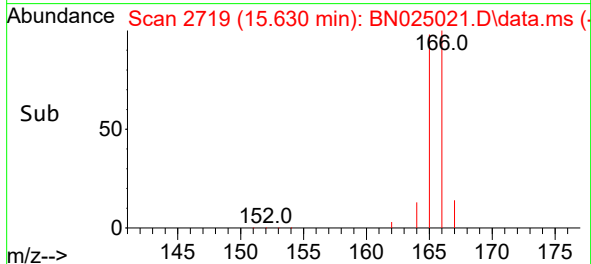
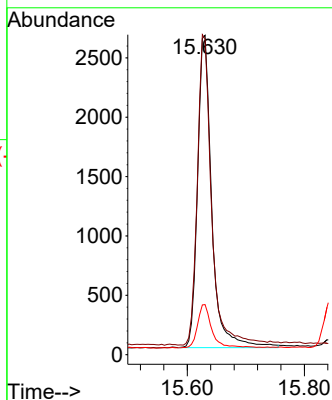
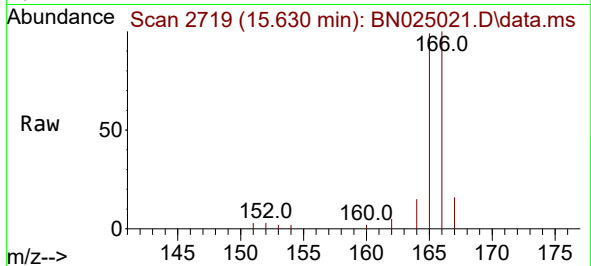




#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.630 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

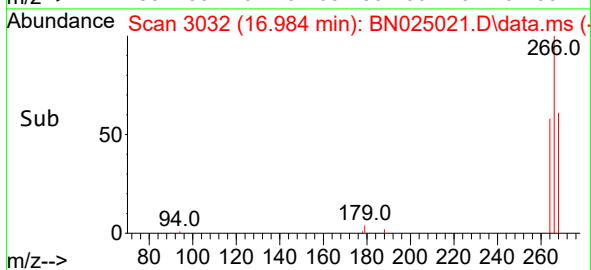
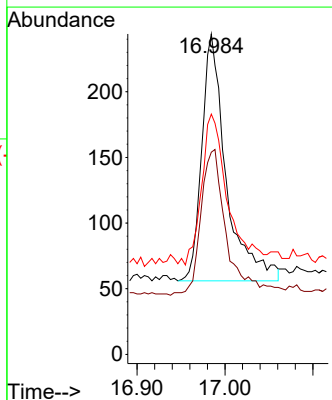
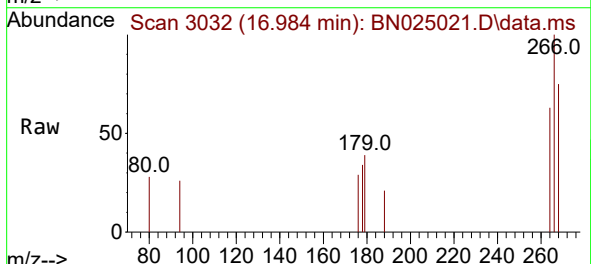
Instrument :
BNA_N
ClientSampleId :

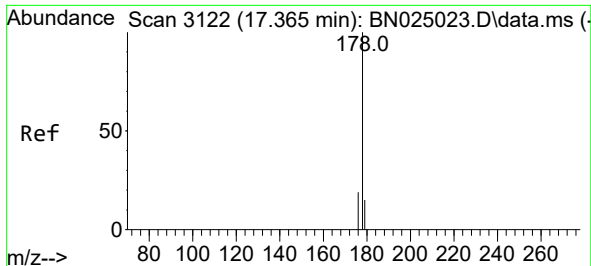
Tgt Ion:166 Resp: 4448
Ion Ratio Lower Upper
166 100
165 98.8 78.1 117.1
167 15.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.064 ng/ul
RT: 16.984 min Scan# 3032
Delta R.T. 0.008 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Tgt Ion:266 Resp: 363
Ion Ratio Lower Upper
266 100
264 62.8 49.6 74.4
268 63.6 51.3 76.9

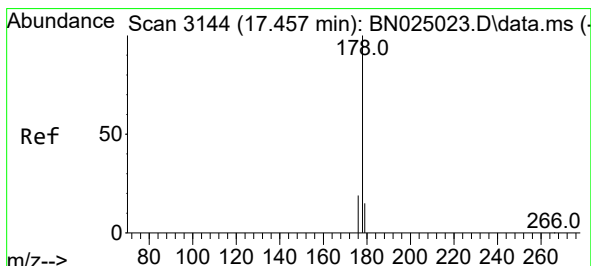
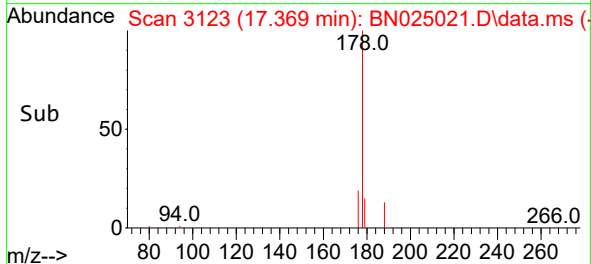
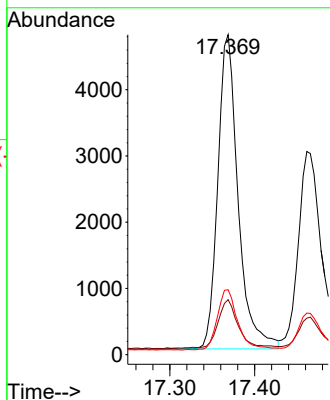
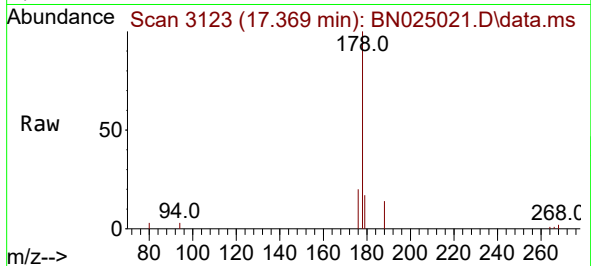




#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.369 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

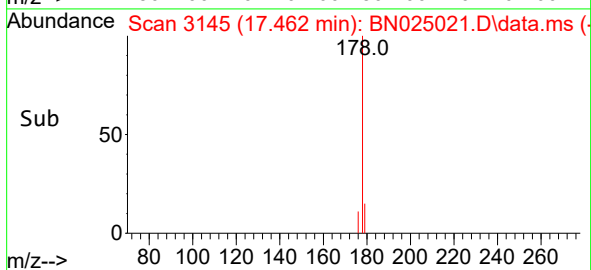
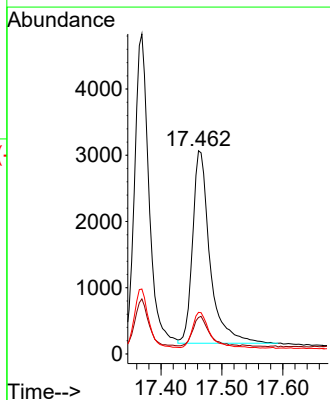
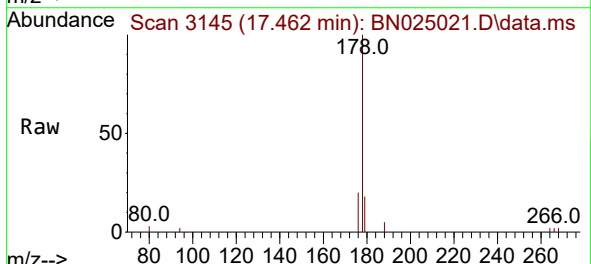
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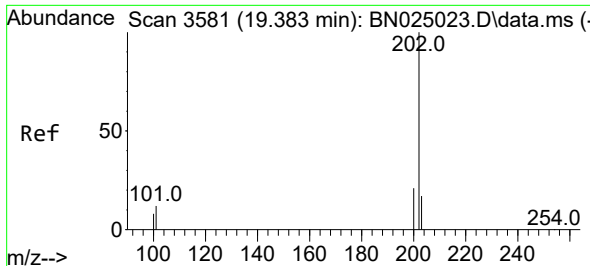
Tgt Ion:178 Resp: 7882
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.462 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Tgt Ion:178 Resp: 5767
Ion Ratio Lower Upper
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179 17.9 12.7 19.1
176 20.4 15.3 22.9

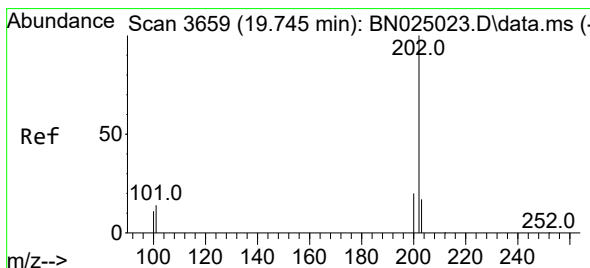
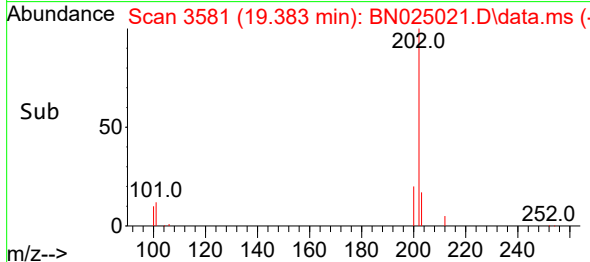
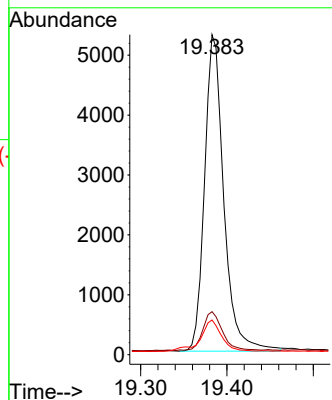
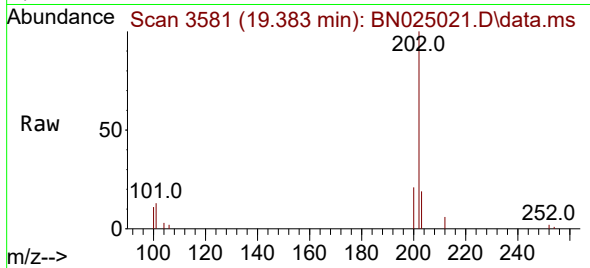




#19
Fluoranthene
Concen: 0.106 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

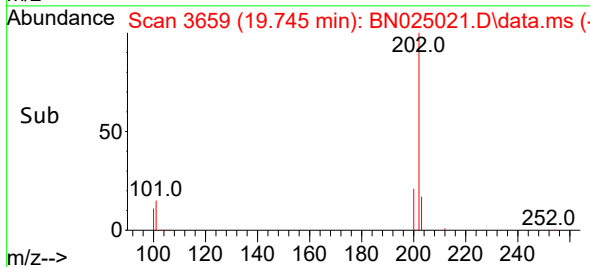
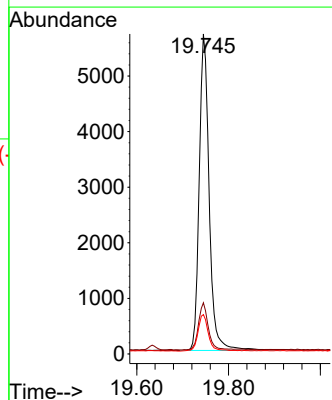
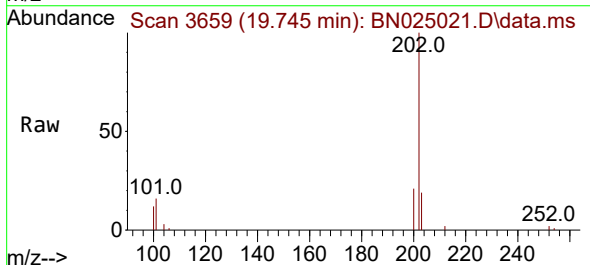
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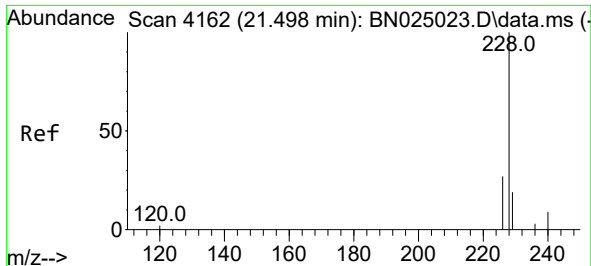
Tgt Ion:202 Resp: 8178
Ion Ratio Lower Upper
202 100
101 13.5 9.7 14.5
100 10.8 7.3 10.9



#20
Pyrene
Concen: 0.109 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

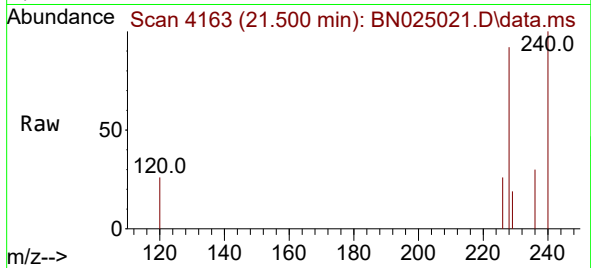
Tgt Ion:202 Resp: 8574
Ion Ratio Lower Upper
202 100
101 16.0 11.3 16.9
100 12.3 9.2 13.8



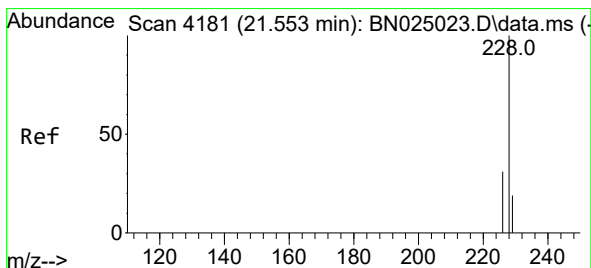
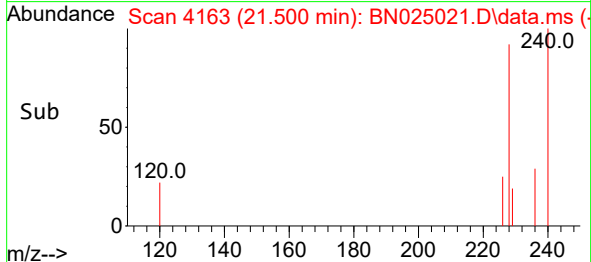
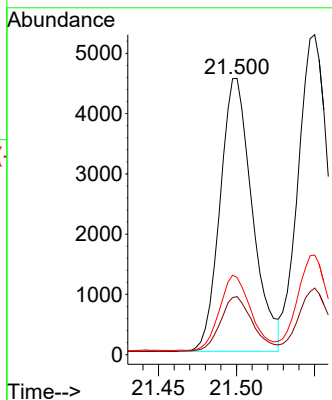


#21
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.500 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Instrument :
BNA_N
ClientSampleId :

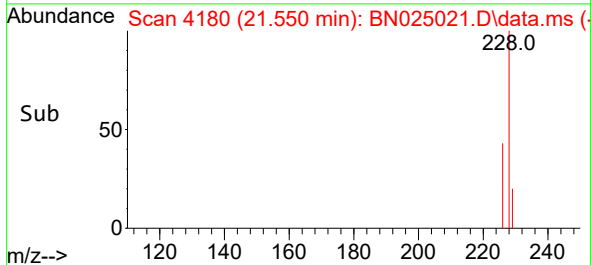
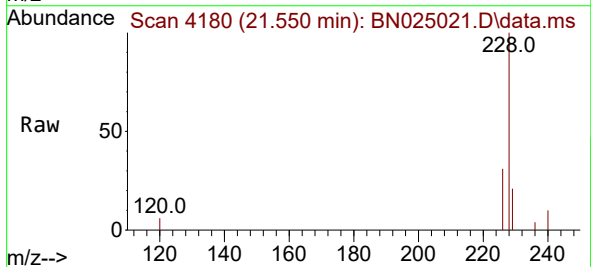
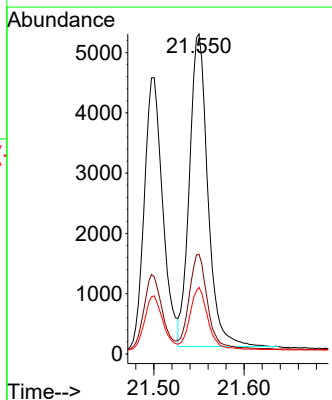


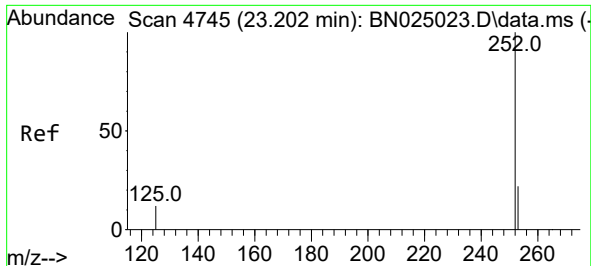
Tgt Ion:228 Resp: 6519
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.096 ng/ul
RT: 21.550 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Tgt Ion:228 Resp: 7343
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 20.8 15.8 23.6

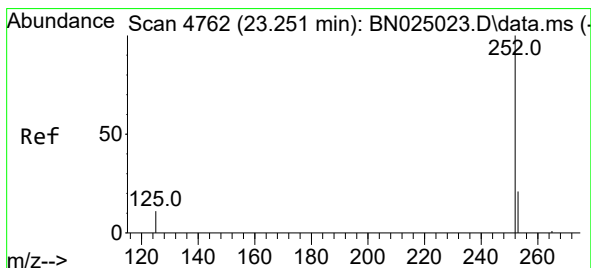
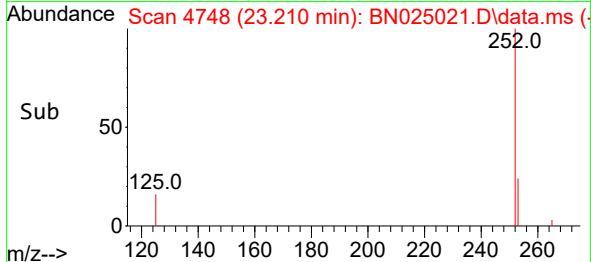
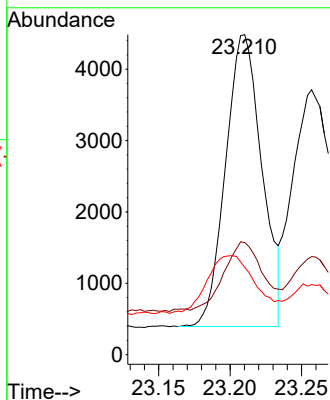
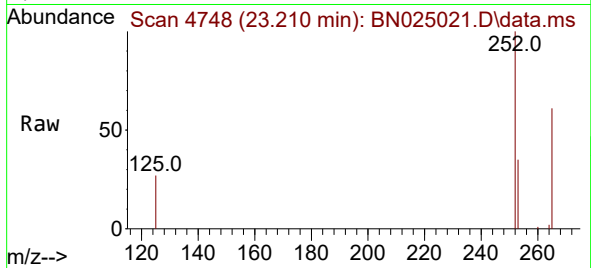




#24
Benzo(b)fluoranthene
Concen: 0.100 ng/ul
RT: 23.210 min Scan# 4745
Delta R.T. 0.009 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

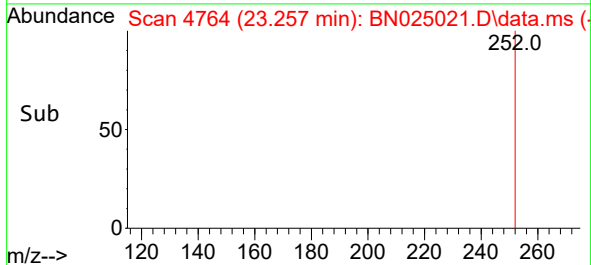
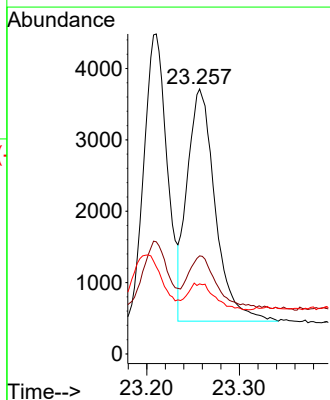
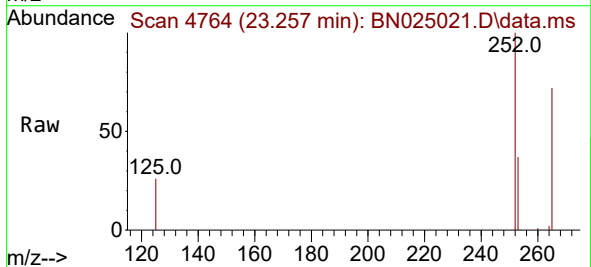
Instrument :
BNA_N
ClientSampleId :

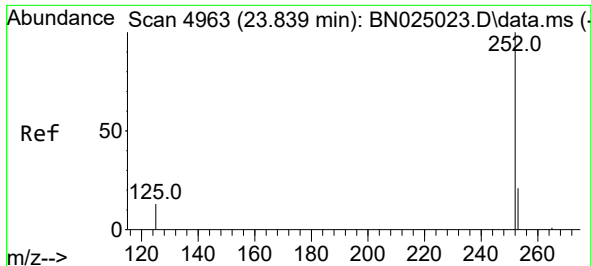
Tgt Ion:252 Resp: 7248
Ion Ratio Lower Upper
252 100
253 35.1 0.0 50.2
125 27.2 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul
RT: 23.257 min Scan# 4764
Delta R.T. 0.006 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

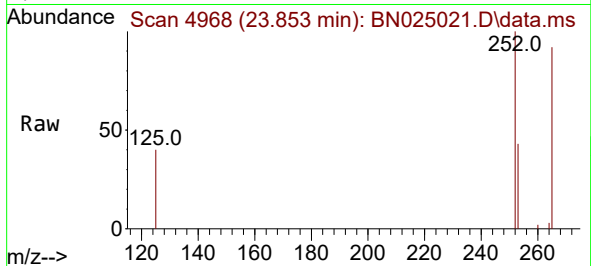
Tgt Ion:252 Resp: 6849
Ion Ratio Lower Upper
252 100
253 37.0 20.2 30.4#
125 26.4 11.8 17.8#



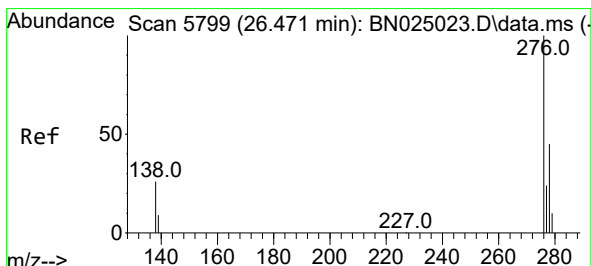
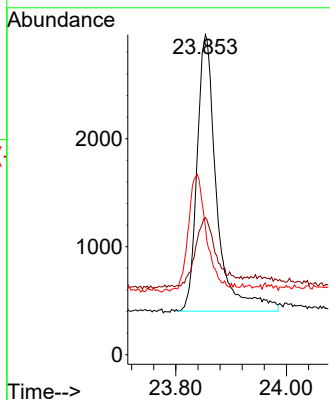
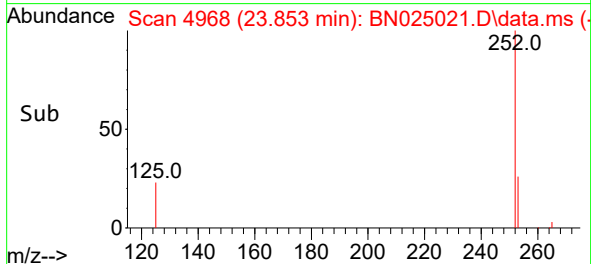


#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.853 min Scan# 4968
Delta R.T. 0.015 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

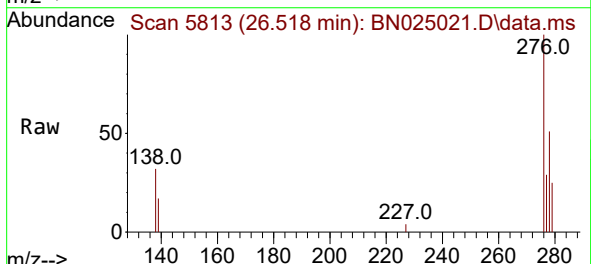
Instrument :
BNA_N
ClientSampleId :



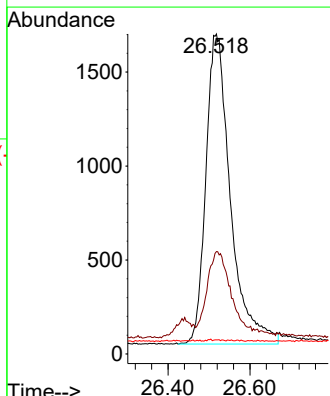
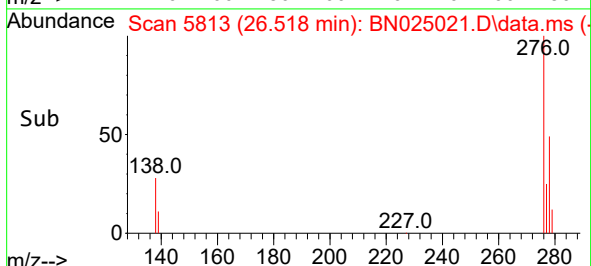
Tgt Ion:252 Resp: 6316
Ion Ratio Lower Upper
252 100
253 42.8 21.4 32.2#
125 40.0 14.6 22.0#

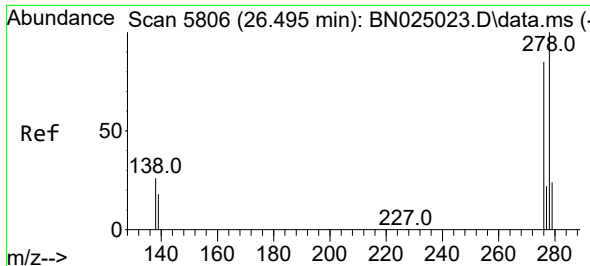


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 26.518 min Scan# 5813
Delta R.T. 0.047 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10



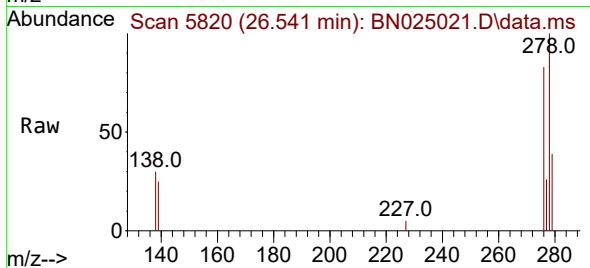
Tgt Ion:276 Resp: 6876
Ion Ratio Lower Upper
276 100
138 27.7 21.9 32.9
227 0.2 0.1 0.1#



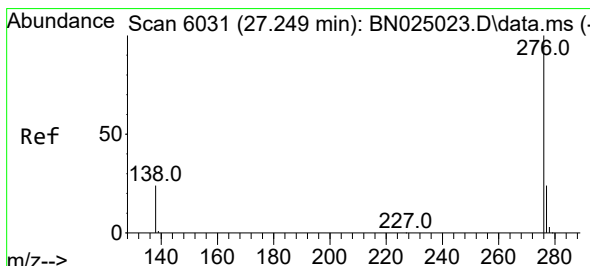
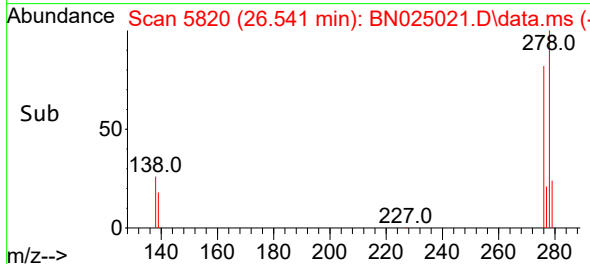
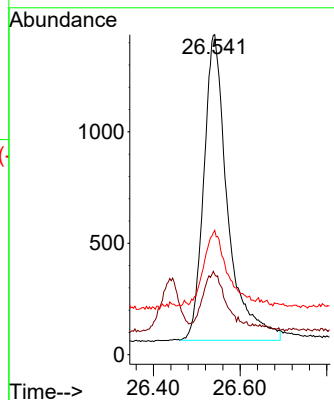


#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. 0.047 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 5240
Ion Ratio Lower Upper
278 100
139 25.1 17.0 25.6
279 38.9 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. 0.040 min
Lab File: BN025021.D
Acq: 20 Apr 2023 04:10

Tgt Ion:276 Resp: 5974
Ion Ratio Lower Upper
276 100
138 28.4 20.3 30.5
277 26.8 19.8 29.6

