

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020974.D
 Acq On : 03 Aug 2022 11:59
 Operator : CG/JU
 Sample : SST0.1230
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

Quant Time: Aug 03 14:50:20 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 14:49:34 2022
 Response via : Initial Calibration

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

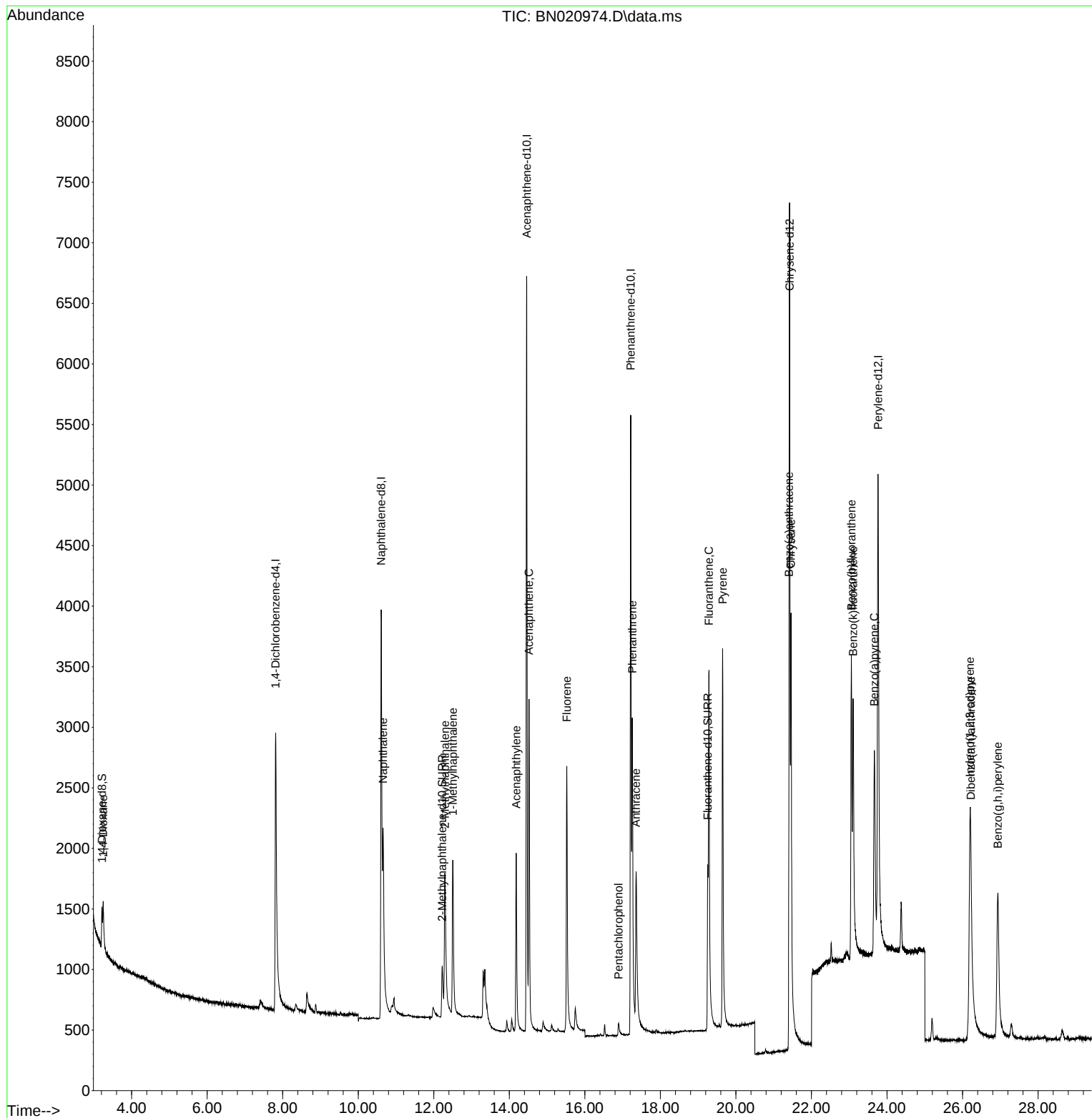
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	6925	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	3973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	7356	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7016	0.400	ng/ul	0.00
23) Perylene-d12	23.763	264	6588	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	274	0.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.224	152	910	0.089	ng/ul	0.02
18) Fluoranthene-d10	19.254	212	2030	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	325	0.114	ng/ul#	73
5) Naphthalene	10.657	128	2585	0.137	ng/ul#	93
7) 2-Methylnaphthalene	12.296	142	1400	0.121	ng/ul	99
8) 1-Methylnaphthalene	12.505	142	1240	0.097	ng/ul	99
10) Acenaphthylene	14.184	152	2241	0.138	ng/ul	95
11) Acenaphthene	14.521	153	1884	0.139	ng/ul	99
12) Fluorene	15.521	166	1958	0.125	ng/ul	97
14) Pentachlorophenol	16.893	266	121	0.103	ng/ul	93
15) Phenanthrene	17.256	178	3159	0.127	ng/ul	94
16) Anthracene	17.357	178	2408	0.112	ng/ul#	91
19) Fluoranthene	19.287	202	3330	0.106	ng/ul	95
20) Pyrene	19.649	202	3691	0.112	ng/ul	94
21) Benzo(a)anthracene	21.407	228	2589	0.102	ng/ul	98
22) Chrysene	21.459	228	3545	0.113	ng/ul	98
24) Benzo(b)fluoranthene	23.058	252	3384	0.108	ng/ul	78
25) Benzo(k)fluoranthene	23.105	252	3622	0.106	ng/ul#	86
26) Benzo(a)pyrene	23.666	252	3321	0.112	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.196	276	3556	0.102	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.223	278	2759	0.097	ng/ul#	87
29) Benzo(g,h,i)perylene	26.937	276	3320	0.105	ng/ul	92

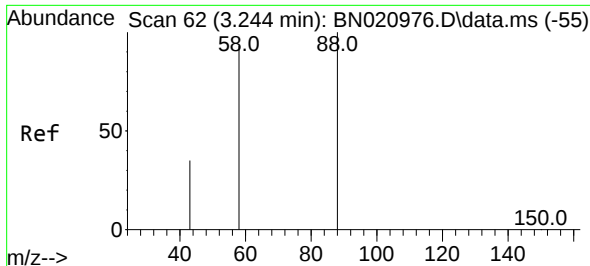
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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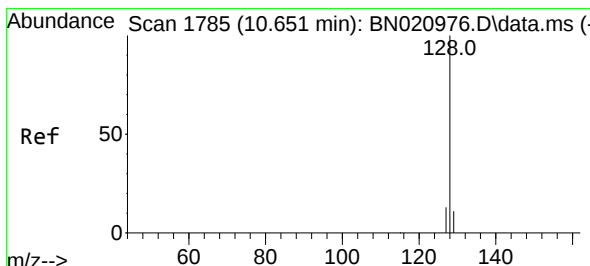
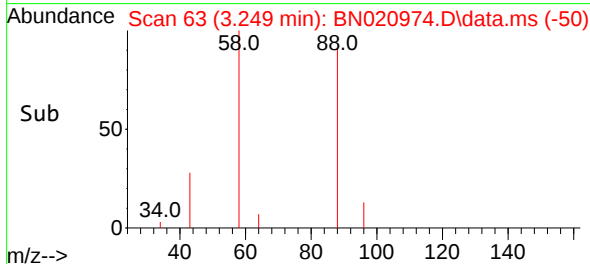
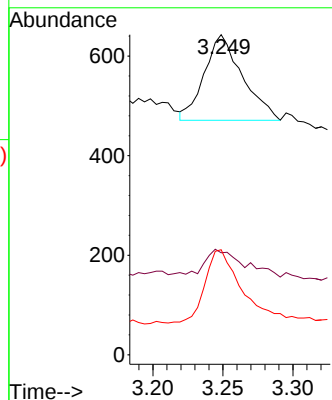
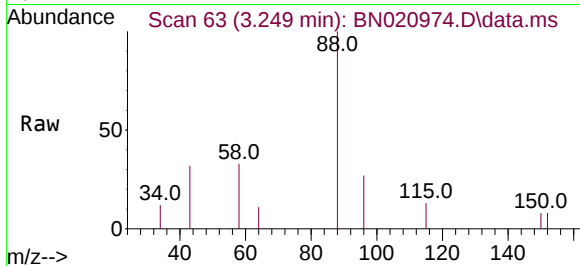




#2
 1,4-Dioxane
 Concen: 0.114 ng/ul
 RT: 3.249 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: BN020974.D
 Acq: 03 Aug 2022 11:59

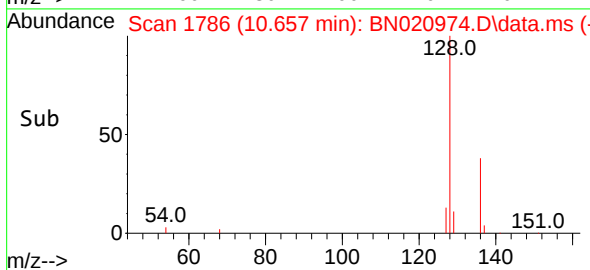
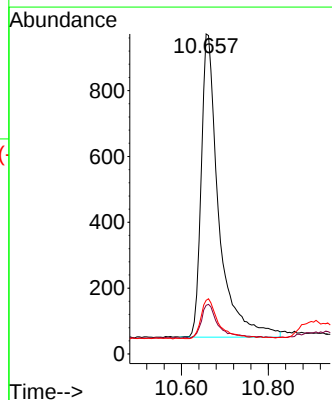
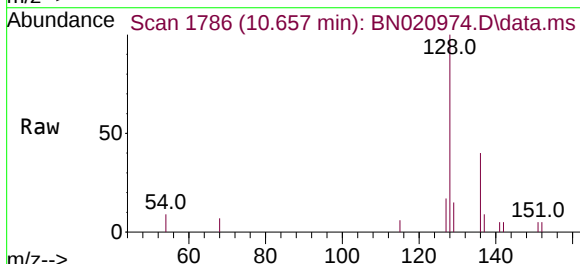
Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

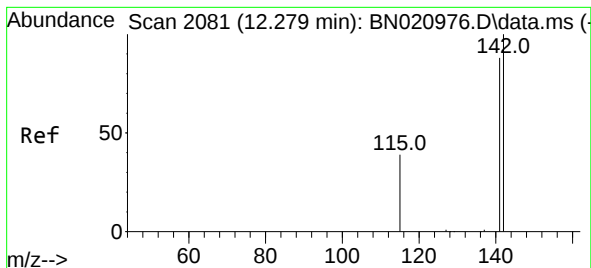
Tgt Ion: 88 Resp: 325
 Ion Ratio Lower Upper
 88 100
 43 31.9 31.4 47.0
 58 32.8 49.0 73.6#



#5
 Naphthalene
 Concen: 0.137 ng/ul
 RT: 10.657 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: BN020974.D
 Acq: 03 Aug 2022 11:59

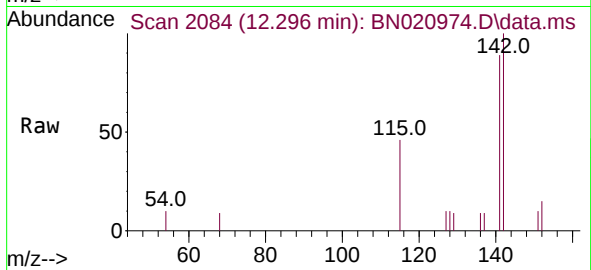
Tgt Ion: 128 Resp: 2585
 Ion Ratio Lower Upper
 128 100
 129 15.2 9.8 14.6#
 127 16.8 11.6 17.4



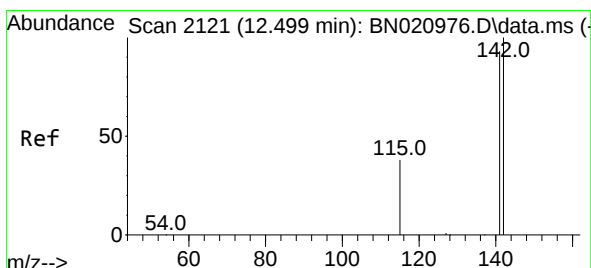
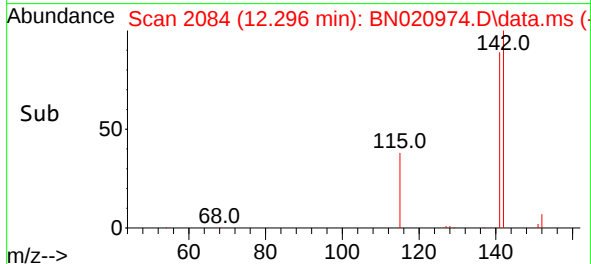
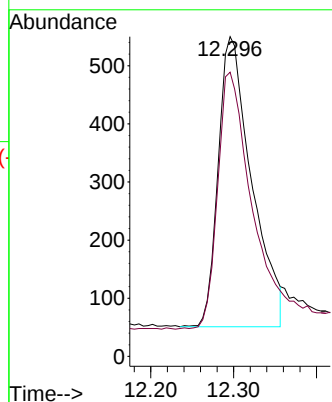


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.296 min Scan# 2084
Delta R.T. 0.017 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

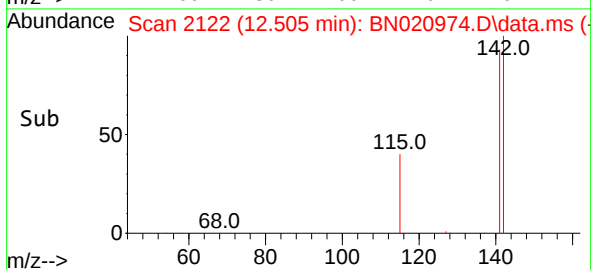
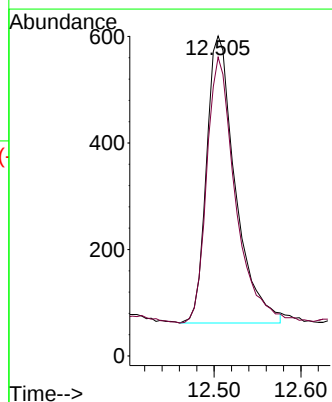
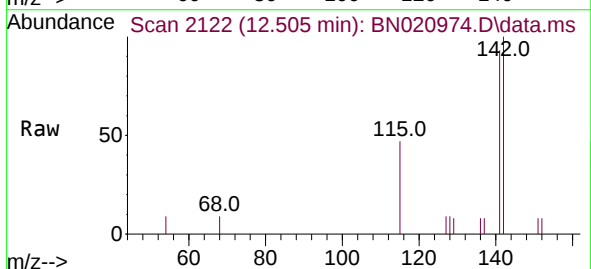


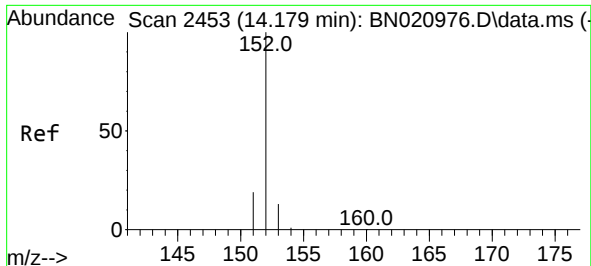
Tgt Ion:142 Resp: 1400
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9

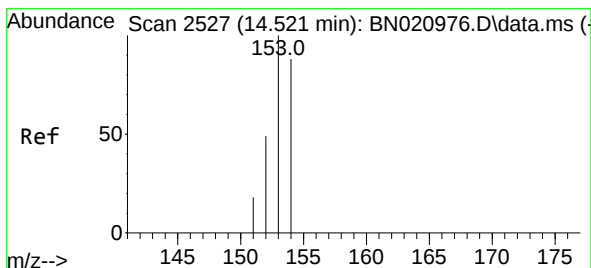
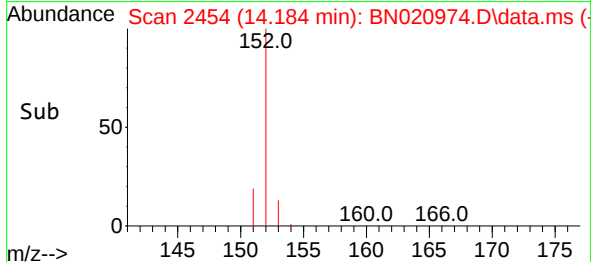
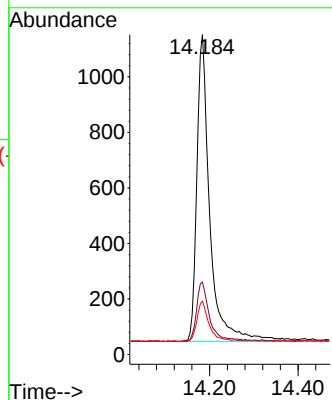
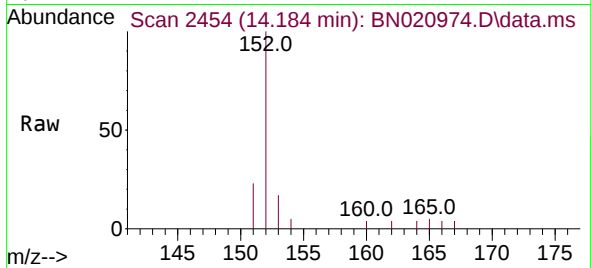




#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. 0.005 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

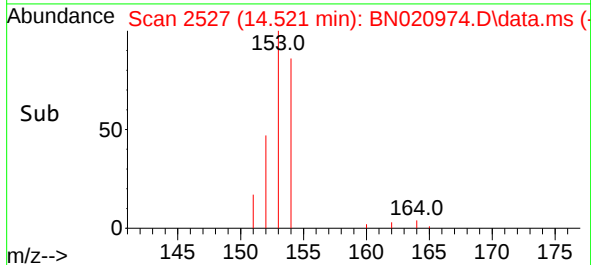
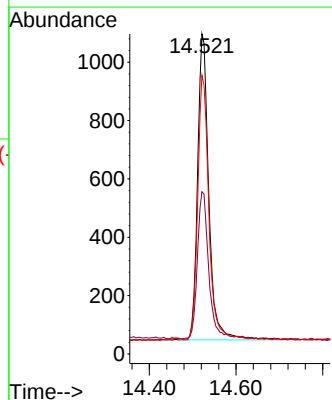
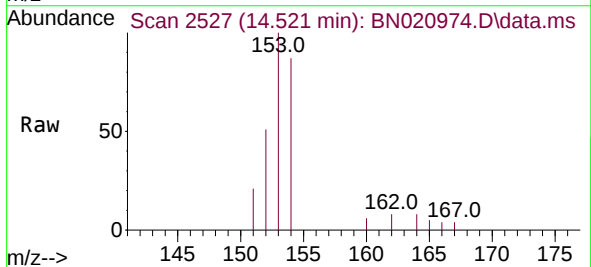
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

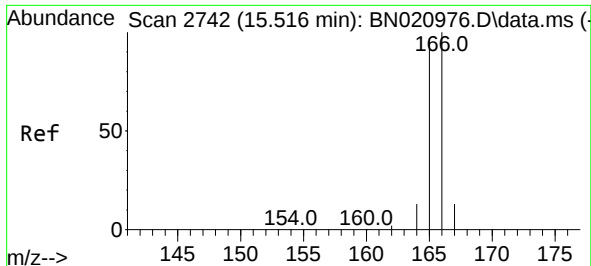
Tgt Ion:152 Resp: 2241
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 16.7 11.2 16.8



#11
Acenaphthene
Concen: 0.139 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

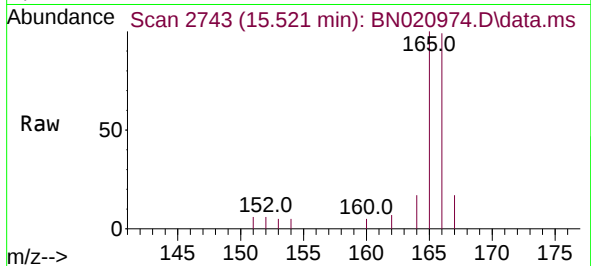
Tgt Ion:153 Resp: 1884
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 87.1 70.7 106.1



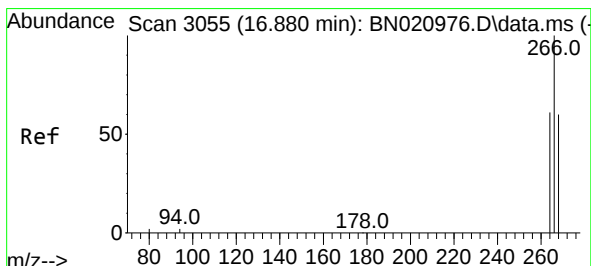
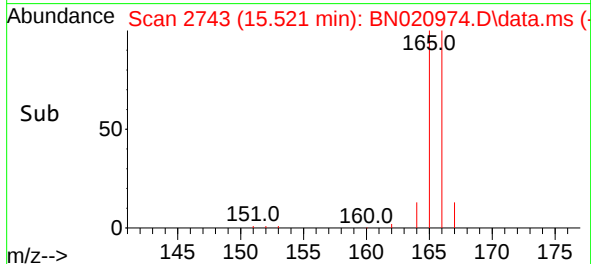
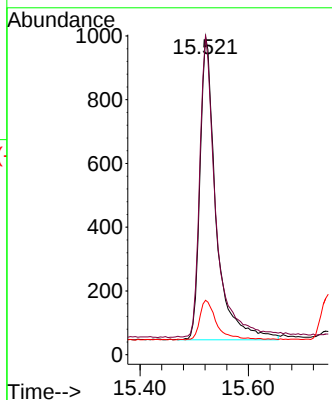


#12
Fluorene
Concen: 0.125 ng/ul
RT: 15.521 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

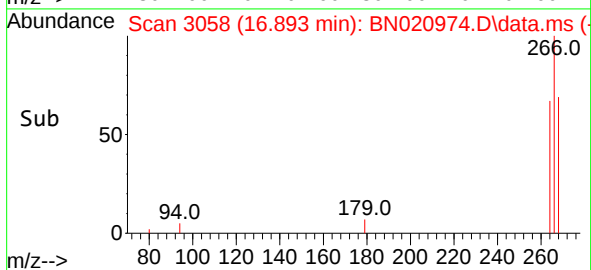
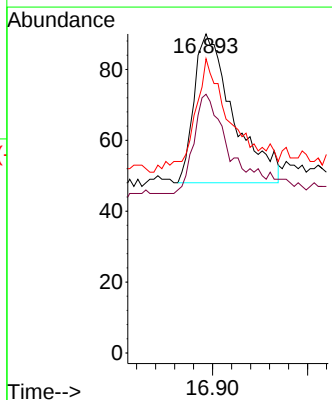
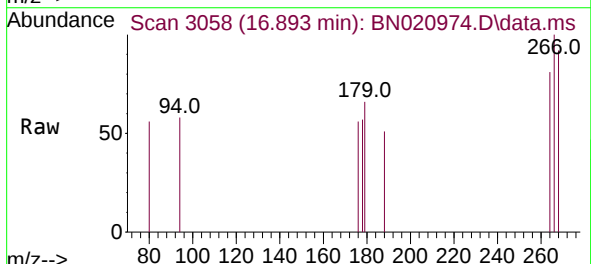


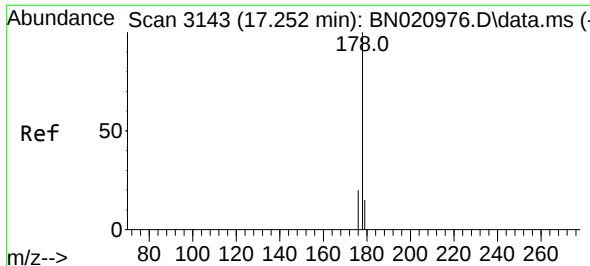
Tgt Ion:166 Resp: 1958
Ion Ratio Lower Upper
166 100
165 100.6 78.6 117.8
167 17.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.103 ng/ul
RT: 16.893 min Scan# 3058
Delta R.T. 0.013 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:266 Resp: 121
Ion Ratio Lower Upper
266 100
264 61.2 49.8 74.8
268 72.7 50.6 75.8

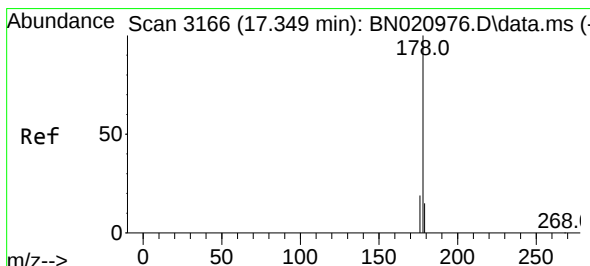
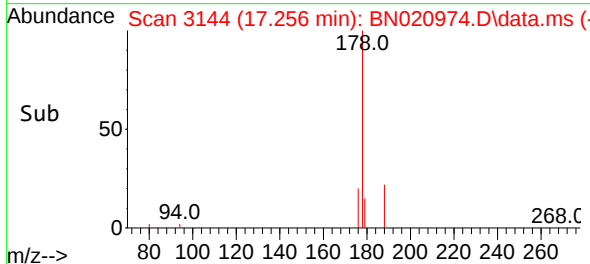
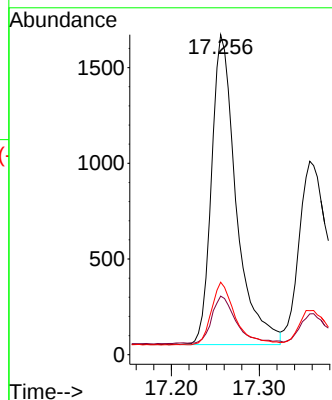
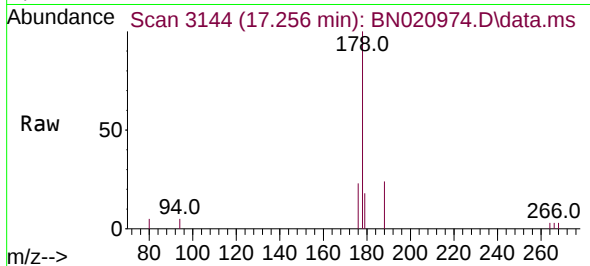




#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 17.256 min Scan# 3143
Delta R.T. 0.004 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

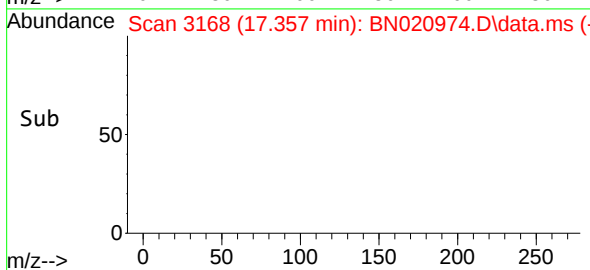
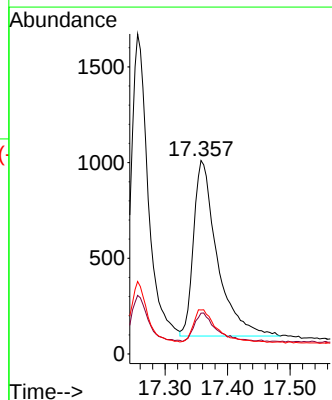
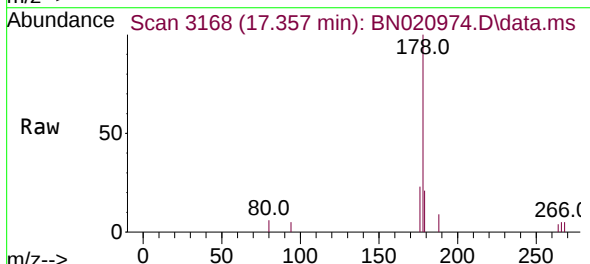
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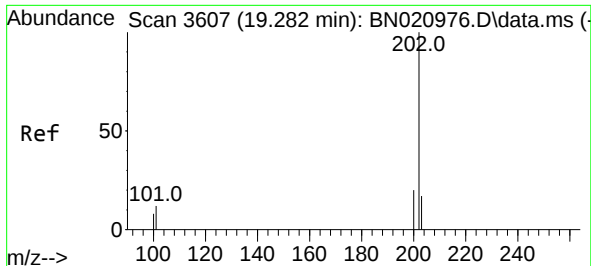
Tgt Ion:178 Resp: 3159
Ion Ratio Lower Upper
178 100
179 18.3 12.8 19.2
176 22.7 15.9 23.9



#16
Anthracene
Concen: 0.112 ng/ul
RT: 17.357 min Scan# 3168
Delta R.T. 0.009 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:178 Resp: 2408
Ion Ratio Lower Upper
178 100
179 21.1 12.9 19.3#
176 22.7 15.9 23.9

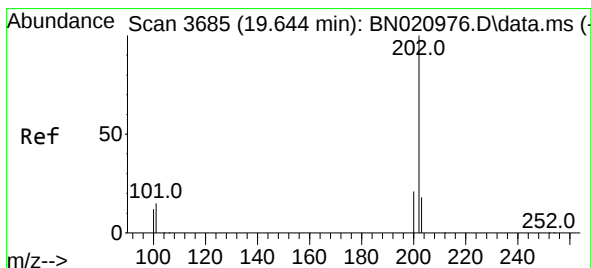
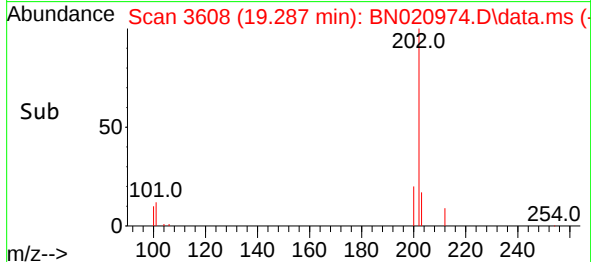
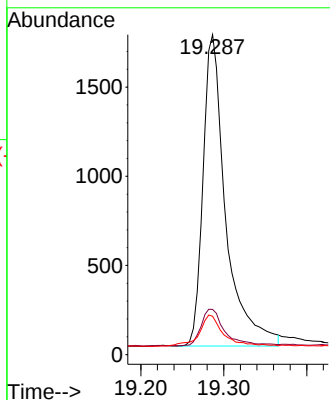
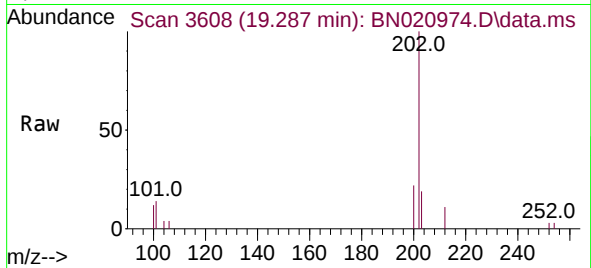




#19
Fluoranthene
Concen: 0.106 ng/u1
RT: 19.287 min Scan# 3607
Delta R.T. 0.005 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

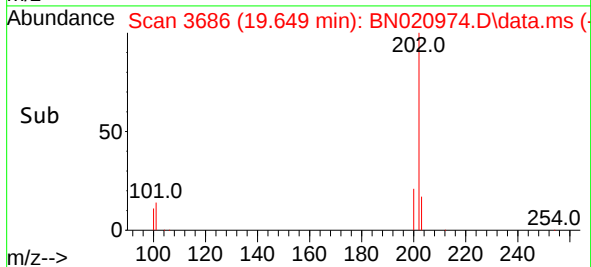
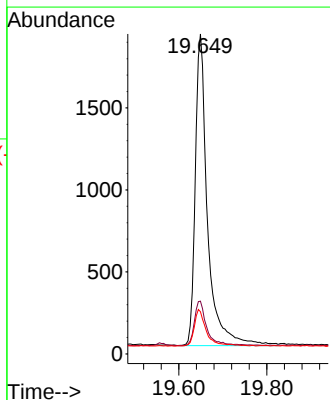
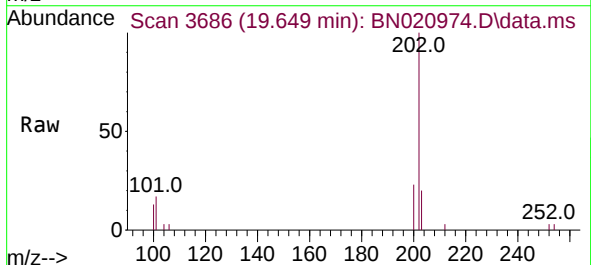
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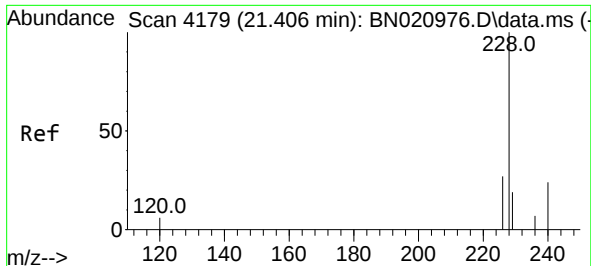
Tgt Ion:202 Resp: 3330
Ion Ratio Lower Upper
202 100
101 14.2 10.0 15.0
100 12.0 8.0 12.0



#20
Pyrene
Concen: 0.112 ng/u1
RT: 19.649 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:202 Resp: 3691
Ion Ratio Lower Upper
202 100
101 16.5 11.3 16.9
100 13.2 9.0 13.4

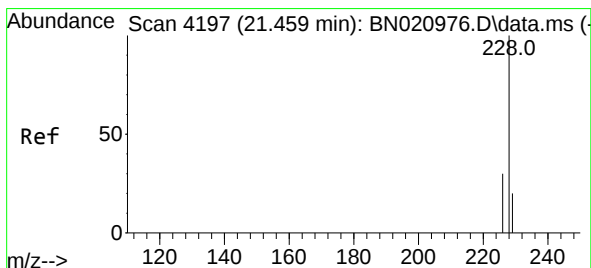
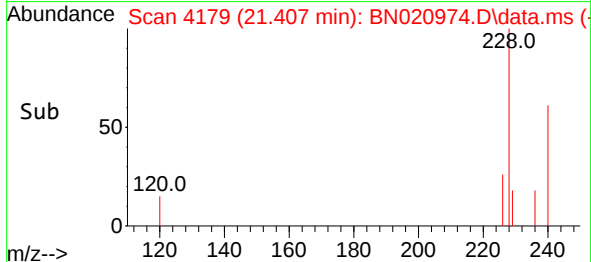
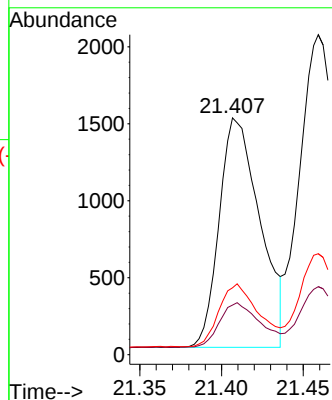
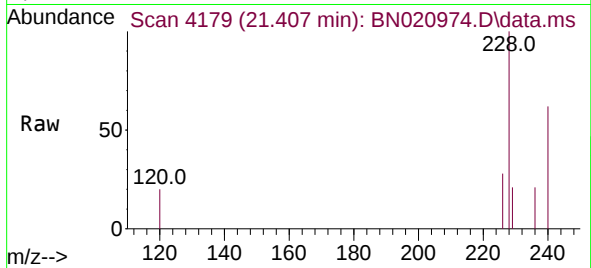




#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

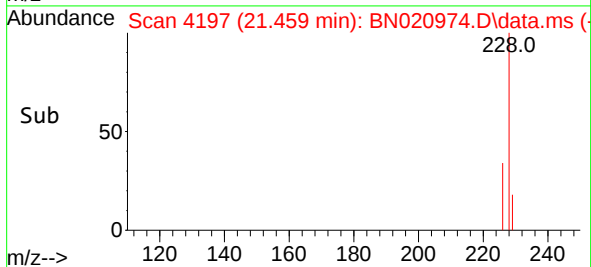
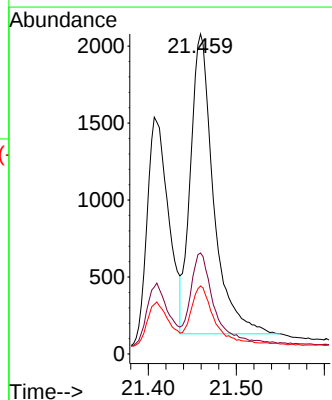
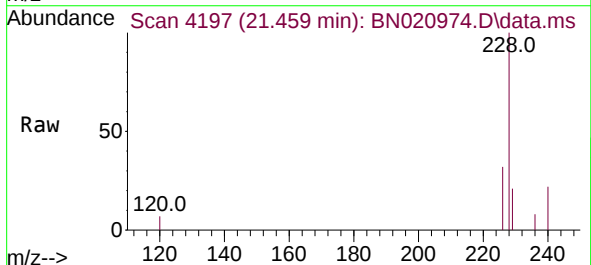
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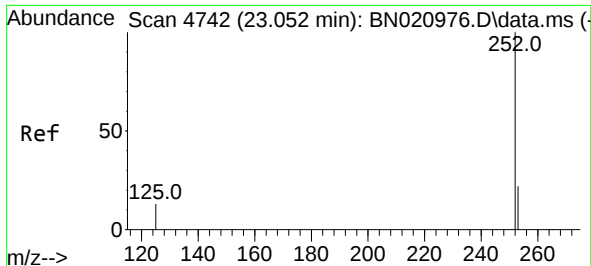
Tgt Ion:228 Resp: 2589
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.3 21.9 32.9



#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

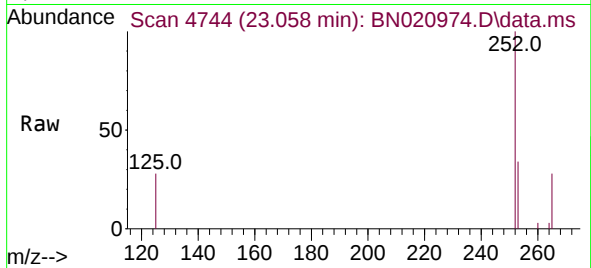
Tgt Ion:228 Resp: 3545
Ion Ratio Lower Upper
228 100
226 31.6 24.6 37.0
229 21.3 15.8 23.8



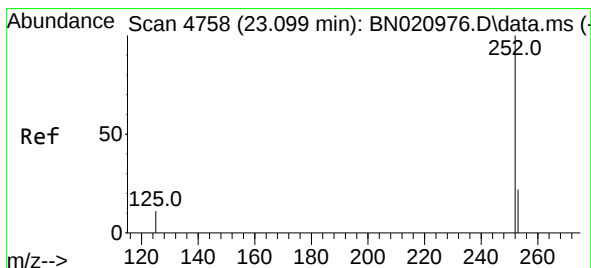
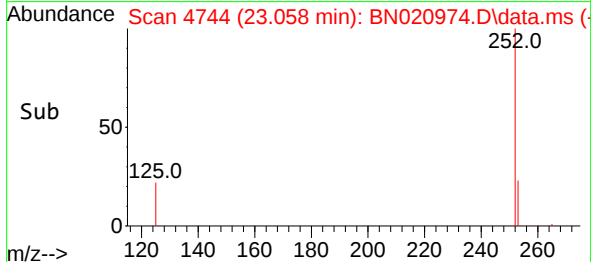
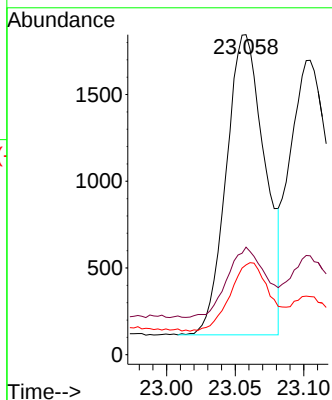


#24
Benzo(b)fluoranthene
Concen: 0.108 ng/ul
RT: 23.058 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

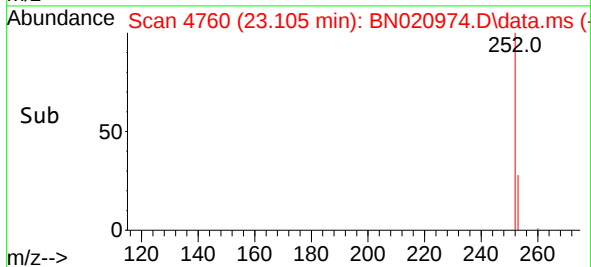
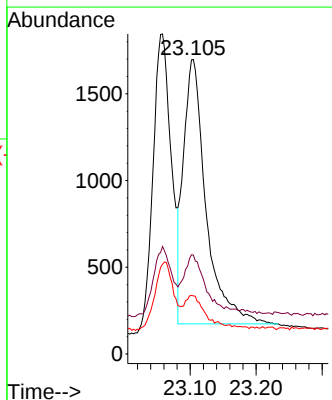
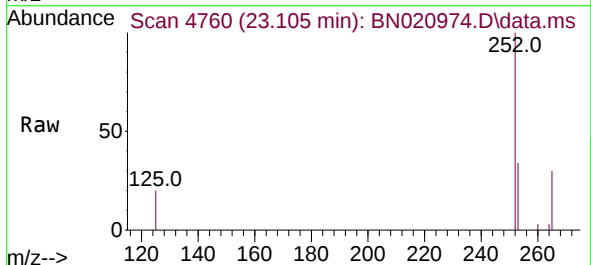


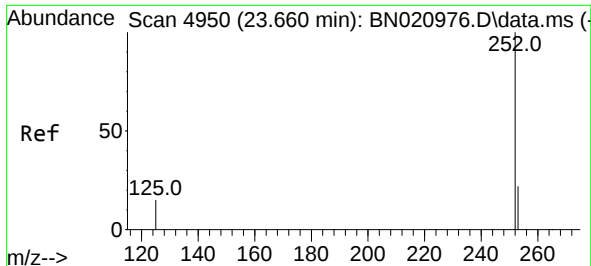
Tgt Ion:252 Resp: 3384
Ion Ratio Lower Upper
252 100
253 33.6 0.0 50.8
125 28.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:252 Resp: 3622
Ion Ratio Lower Upper
252 100
253 33.6 20.6 31.0#
125 19.7 11.8 17.6#

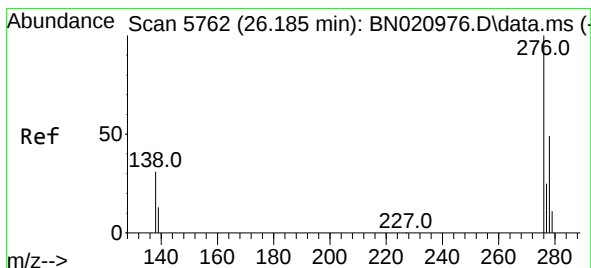
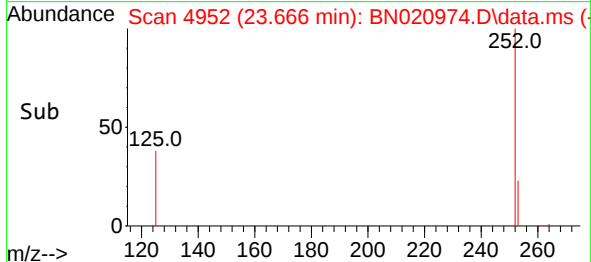
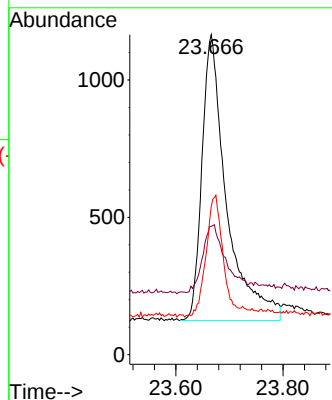
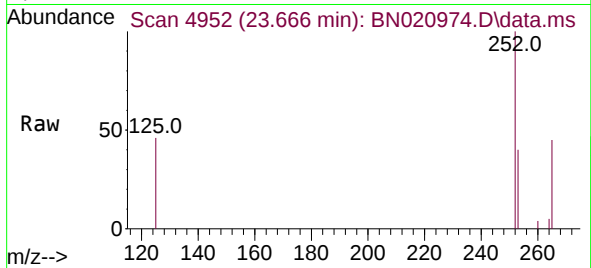




#26
Benzo(a)pyrene
Concen: 0.112 ng/ul
RT: 23.666 min Scan# 4952
Delta R.T. 0.006 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

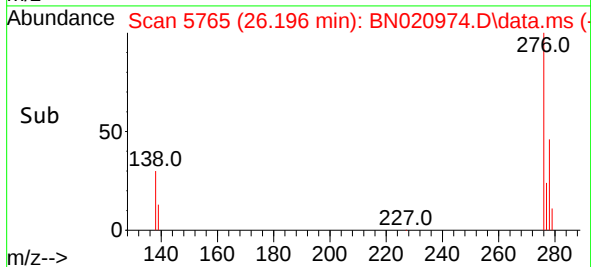
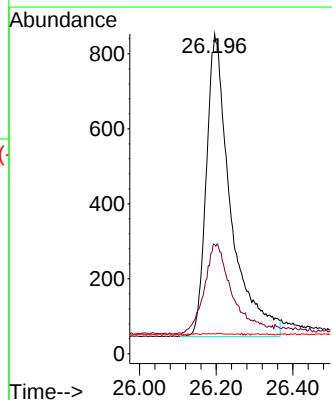
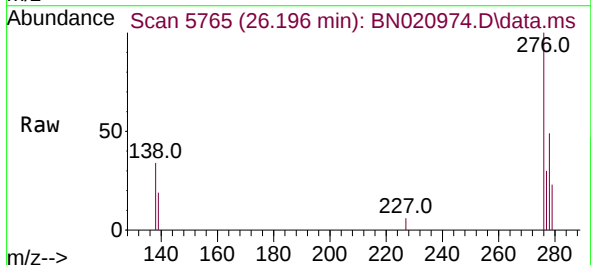
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

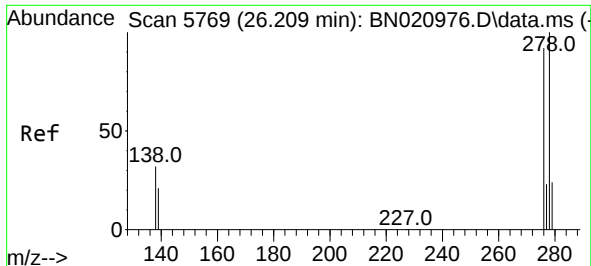
Tgt Ion:252 Resp: 3321
Ion Ratio Lower Upper
252 100
253 40.1 22.1 33.1#
125 46.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.196 min Scan# 5765
Delta R.T. 0.010 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion:276 Resp: 3556
Ion Ratio Lower Upper
276 100
138 34.3 26.1 39.1
227 0.1 0.1 0.1#

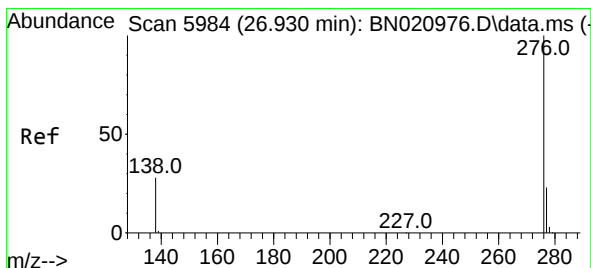
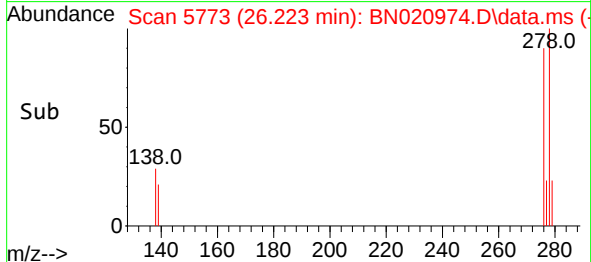
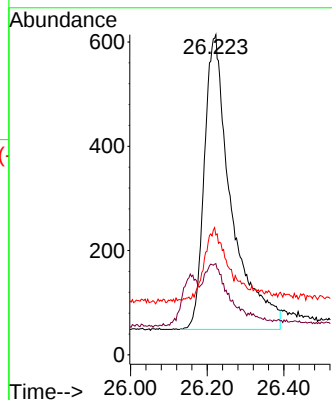
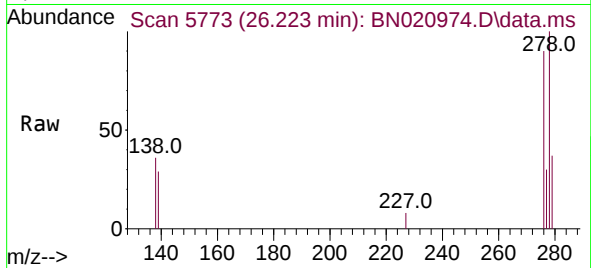




#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.223 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

Tgt Ion: 278 Resp: 2759
Ion Ratio Lower Upper
278 100
139 28.5 18.3 27.5#
279 37.5 23.9 35.9#



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.937 min Scan# 5986
Delta R.T. 0.007 min
Lab File: BN020974.D
Acq: 03 Aug 2022 11:59

Tgt Ion: 276 Resp: 3320
Ion Ratio Lower Upper
276 100
138 32.6 22.6 34.0
277 29.6 20.2 30.2

