

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020975.D
 Acq On : 03 Aug 2022 13:14
 Operator : CG/JU
 Sample : SSTD0.2231
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2231

Quant Time: Aug 03 16:28:26 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 16:22:08 2022
 Response via : Initial Calibration

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

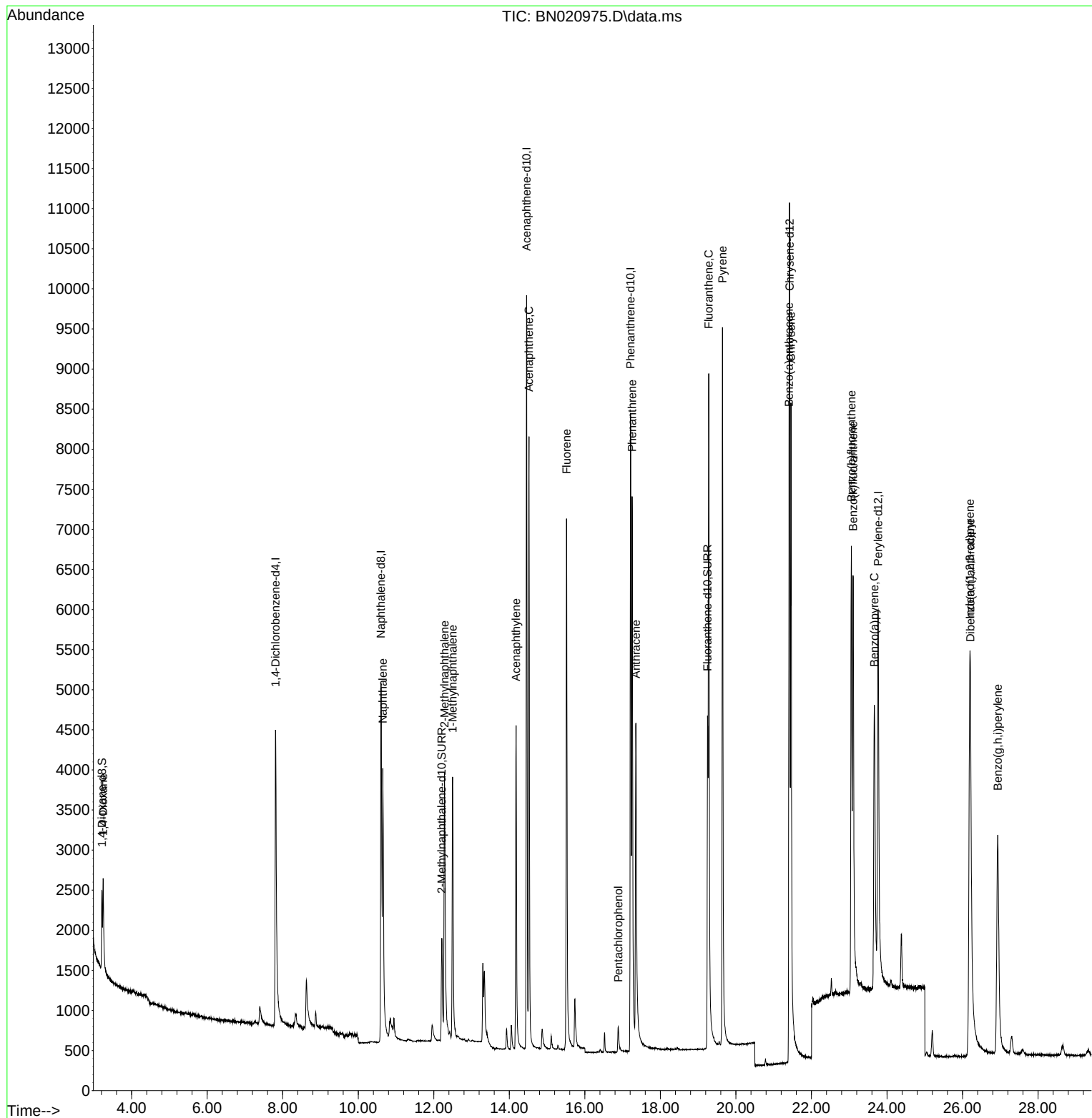
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	3141	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8335	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	5577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	10659	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.421	240	8694	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	7759	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	770	0.186	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.213	152	2233	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	5416	0.205	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.249	88	721	0.167	ng/ul#	83
5) Naphthalene	10.651	128	5556	0.230	ng/ul	98
7) 2-Methylnaphthalene	12.285	142	3346	0.230	ng/ul	97
8) 1-Methylnaphthalene	12.499	142	2890	0.189	ng/ul	100
10) Acenaphthylene	14.179	152	5677	0.234	ng/ul	99
11) Acenaphthene	14.521	153	4843	0.239	ng/ul	100
12) Fluorene	15.516	166	5201	0.235	ng/ul	99
14) Pentachlorophenol	16.884	266	324	0.211	ng/ul	99
15) Phenanthrene	17.252	178	8600	0.242	ng/ul	99
16) Anthracene	17.353	178	6376	0.230	ng/ul	99
19) Fluoranthene	19.282	202	8922	0.249	ng/ul	98
20) Pyrene	19.644	202	9353	0.253	ng/ul	95
21) Benzo(a)anthracene	21.407	228	6218	0.236	ng/ul	98
22) Chrysene	21.459	228	8486	0.243	ng/ul	99
24) Benzo(b)fluoranthene	23.058	252	7945	0.234	ng/ul	92
25) Benzo(k)fluoranthene	23.102	252	8413	0.237	ng/ul	97
26) Benzo(a)pyrene	23.663	252	7231	0.236	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.192	276	8361	0.237	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.212	278	6509	0.232	ng/ul	96
29) Benzo(g,h,i)perylene	26.933	276	7227	0.226	ng/ul	96

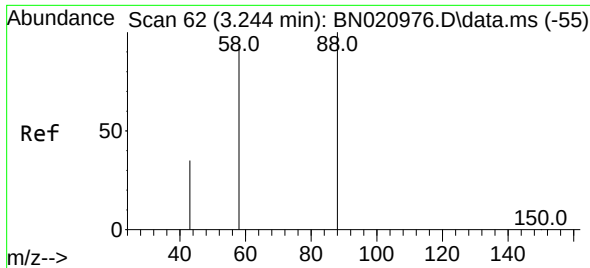
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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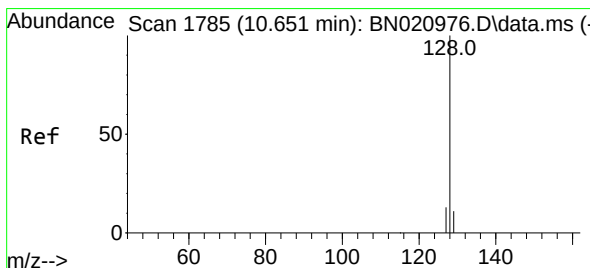
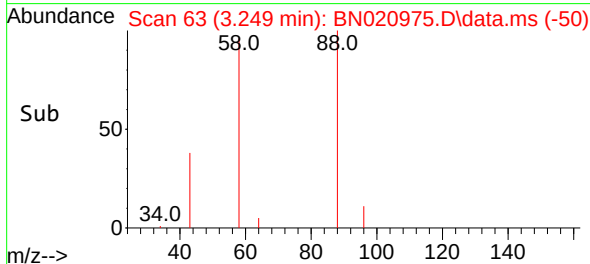
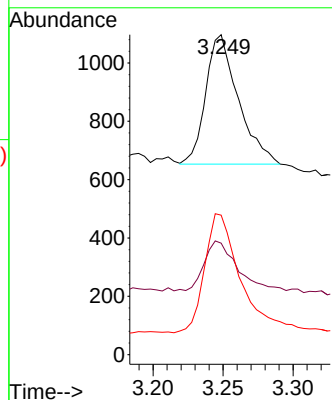
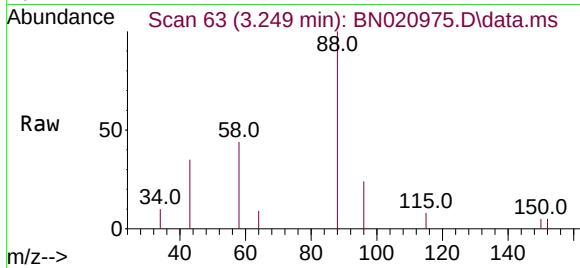




#2
 1,4-Dioxane
 Concen: 0.167 ng/ul
 RT: 3.249 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: BN020975.D
 Acq: 03 Aug 2022 13:14

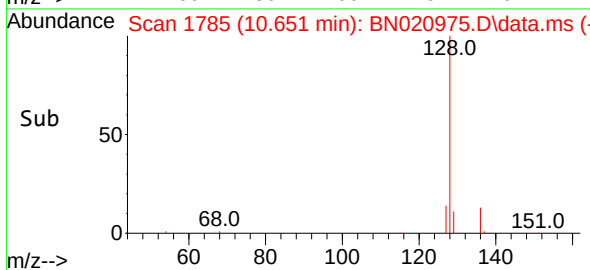
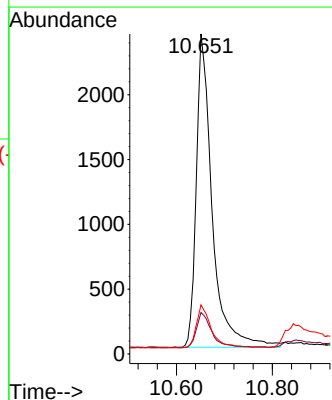
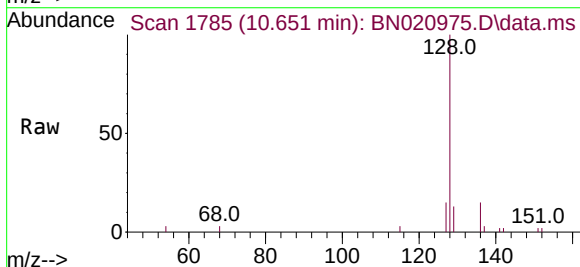
Instrument :
 BNA_N
 ClientSampleId :
 SST0.2231

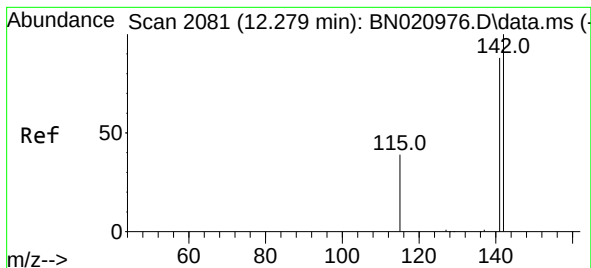
Tgt Ion: 88 Resp: 721
 Ion Ratio Lower Upper
 88 100
 43 34.8 31.4 47.0
 58 43.6 49.0 73.6#



#5
 Naphthalene
 Concen: 0.230 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020975.D
 Acq: 03 Aug 2022 13:14

Tgt Ion: 128 Resp: 5556
 Ion Ratio Lower Upper
 128 100
 129 13.0 9.8 14.6
 127 15.4 11.6 17.4

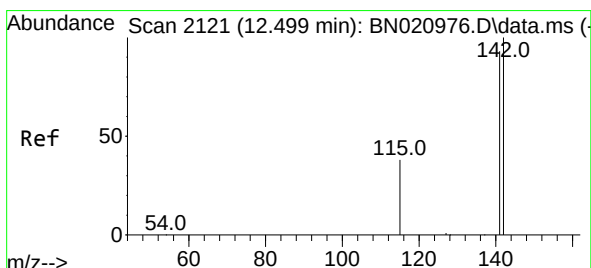
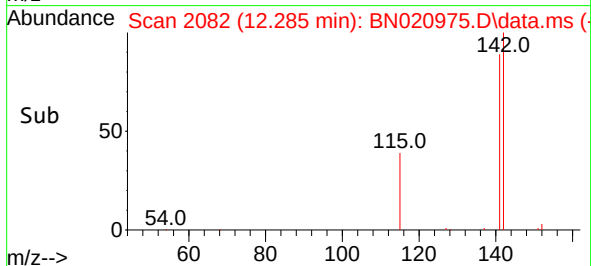
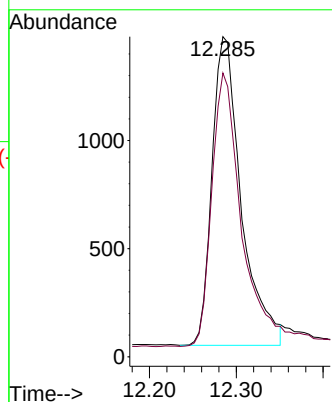
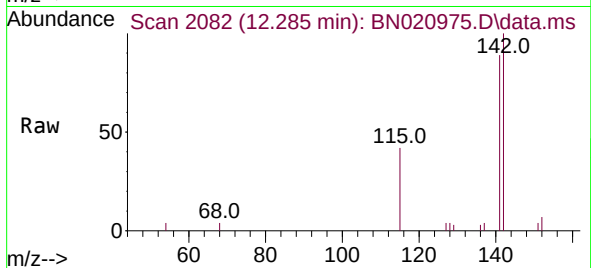




#7
2-Methylnaphthalene
Concen: 0.230 ng/ul
RT: 12.285 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

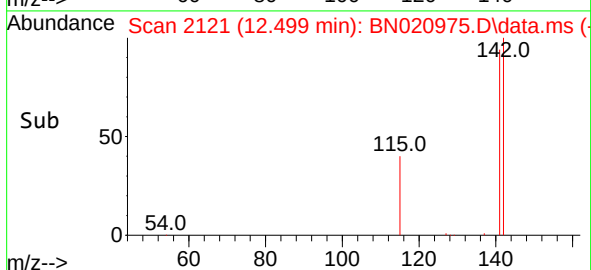
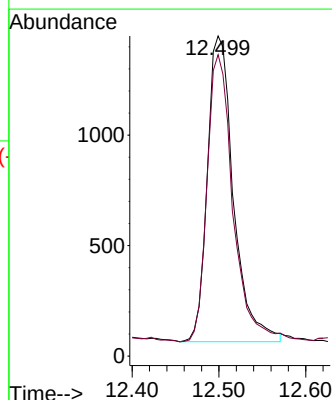
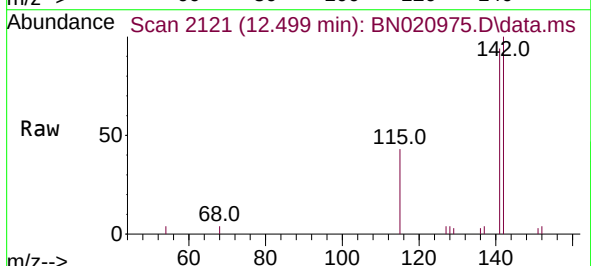
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

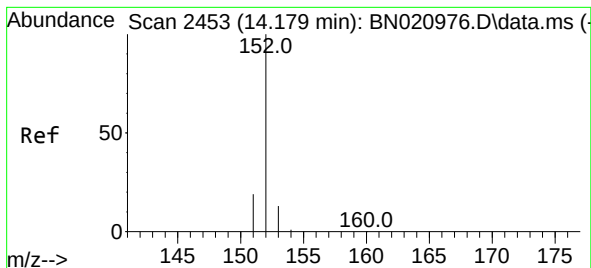
Tgt Ion:142 Resp: 3346
Ion Ratio Lower Upper
142 100
141 87.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Tgt Ion:142 Resp: 2890
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.234 ng/ul

RT: 14.179 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BN020975.D

Acq: 03 Aug 2022 13:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.2231

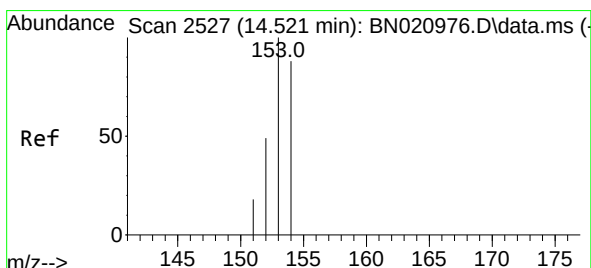
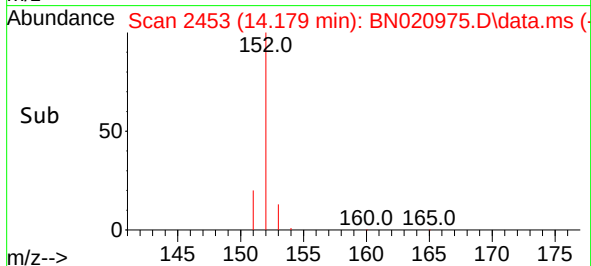
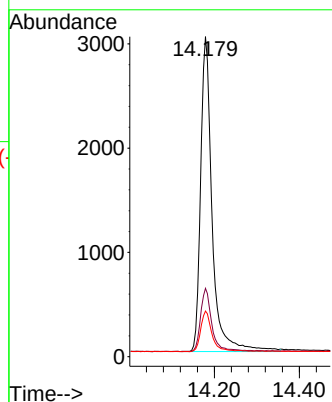
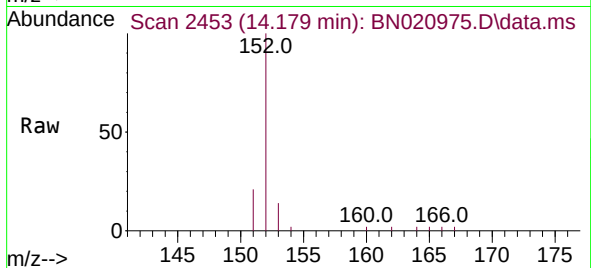
Tgt Ion:152 Resp: 5677

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

153 14.2 11.2 16.8



#11

Acenaphthene

Concen: 0.239 ng/ul

RT: 14.521 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BN020975.D

Acq: 03 Aug 2022 13:14

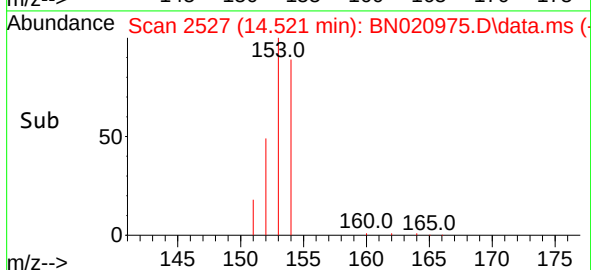
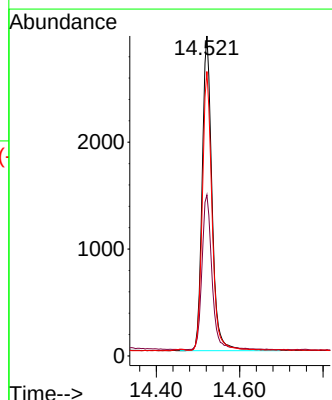
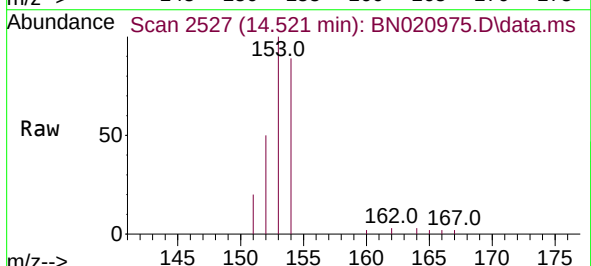
Tgt Ion:153 Resp: 4843

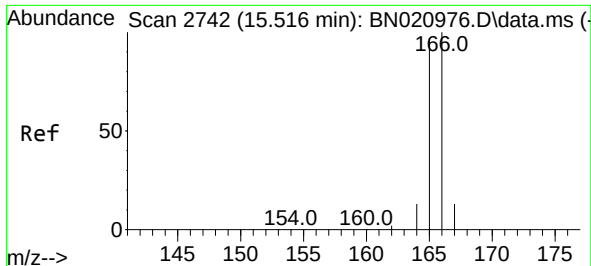
Ion Ratio Lower Upper

153 100

152 50.4 40.2 60.4

154 88.9 70.7 106.1

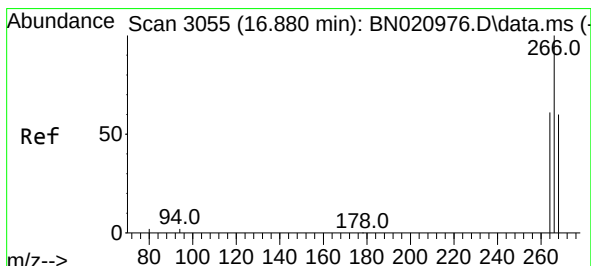
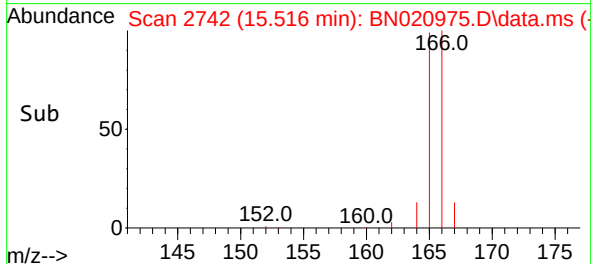
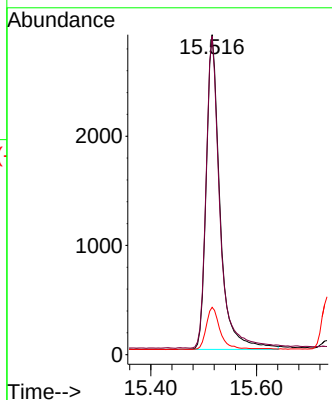
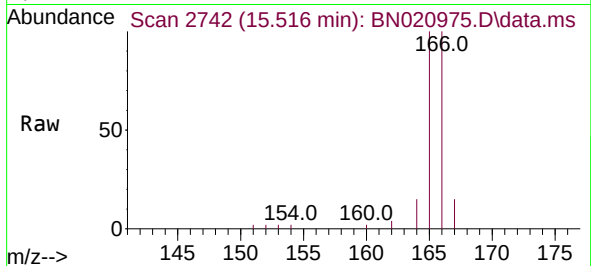




#12
Fluorene
Concen: 0.235 ng/ul
RT: 15.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

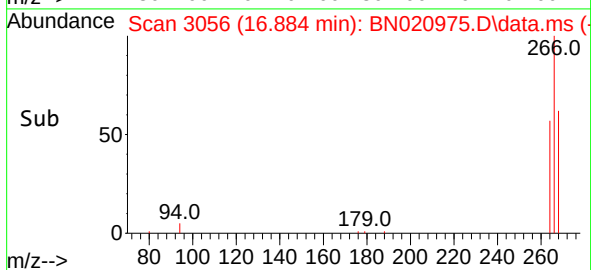
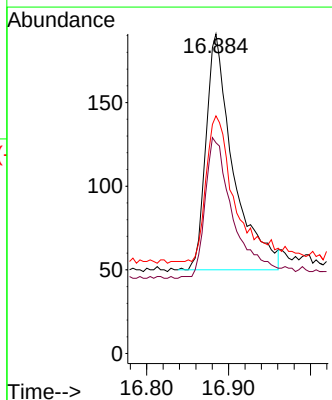
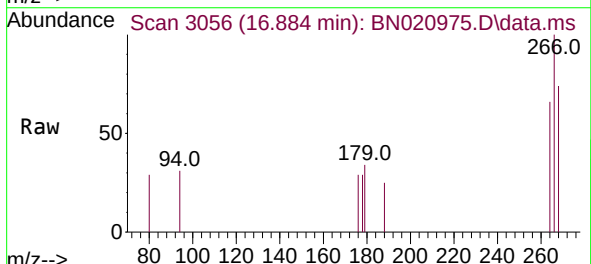
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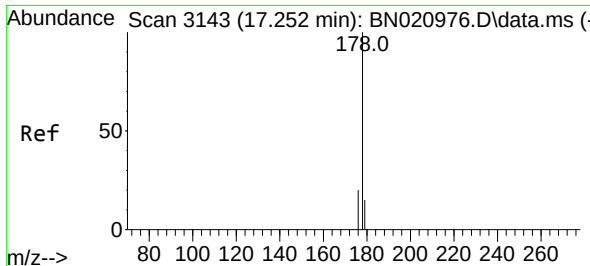
Tgt Ion:166 Resp: 5201
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 14.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.211 ng/ul
RT: 16.884 min Scan# 3056
Delta R.T. 0.004 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Tgt Ion:266 Resp: 324
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 65.1 50.6 75.8

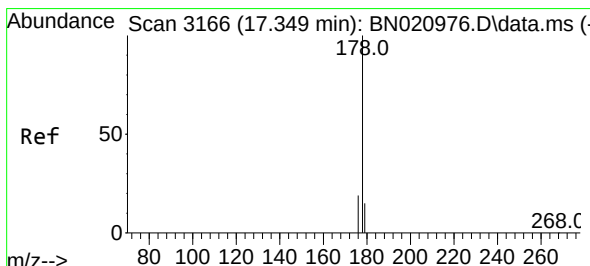
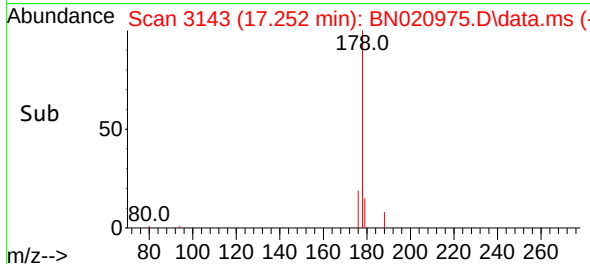
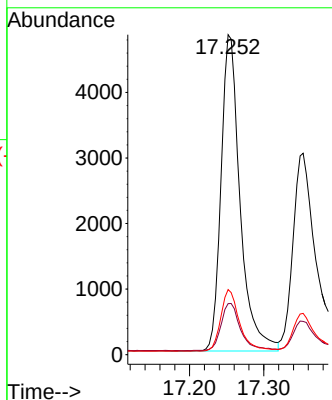
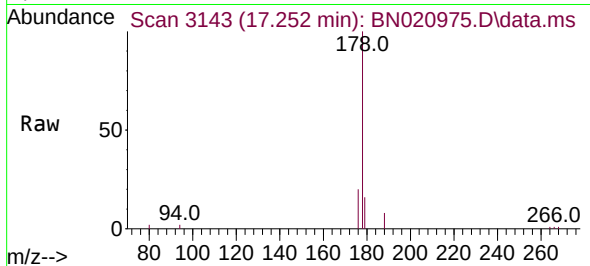




#15
Phenanthrene
Concen: 0.242 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

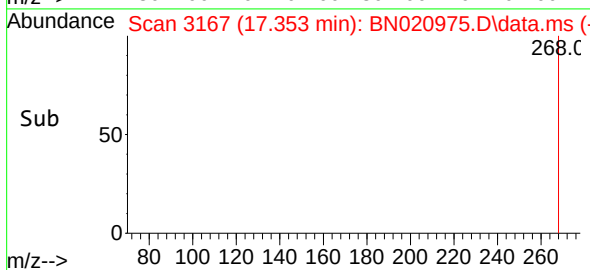
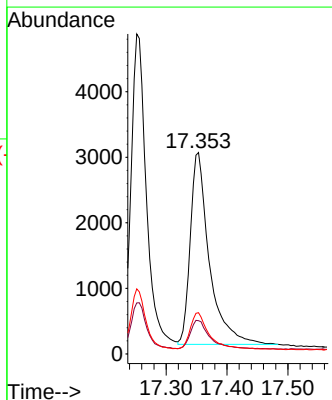
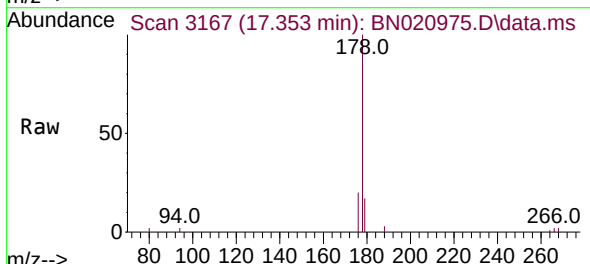
Instrument :
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ClientSampleId :
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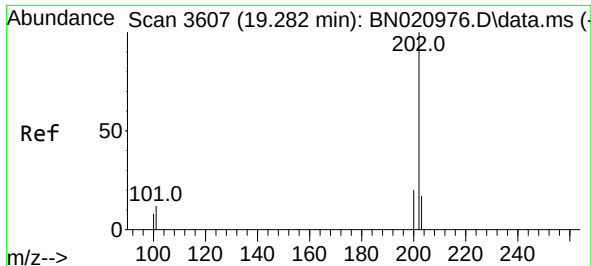
Tgt Ion:178 Resp: 8600
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.3 15.9 23.9



#16
Anthracene
Concen: 0.230 ng/u1
RT: 17.353 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Tgt Ion:178 Resp: 6376
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.5 15.9 23.9

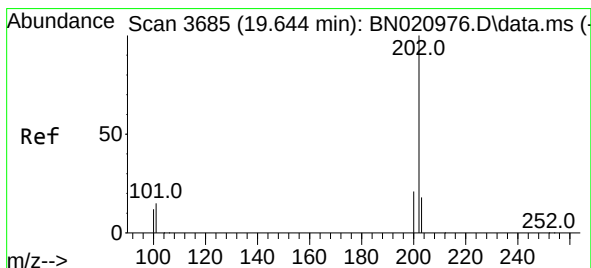
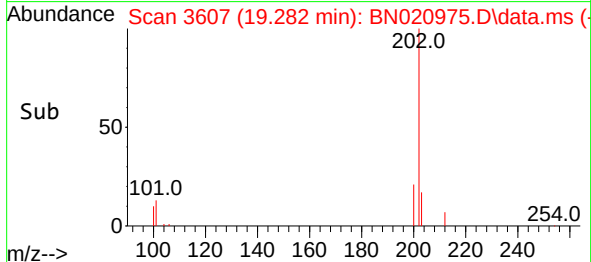
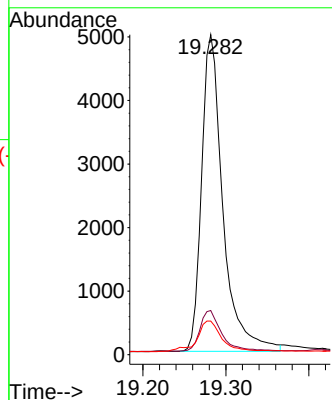
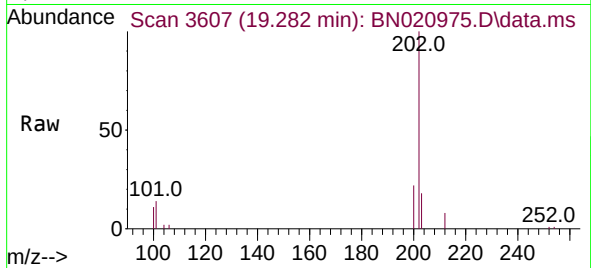




#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

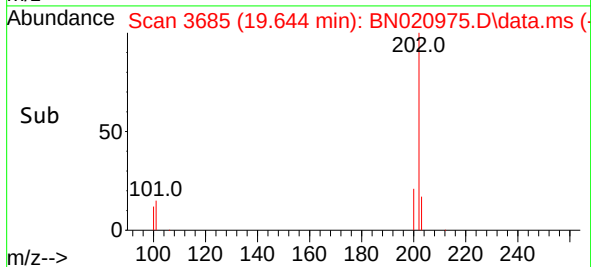
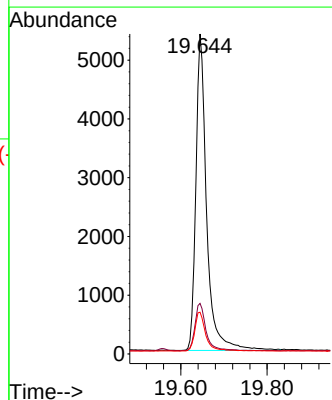
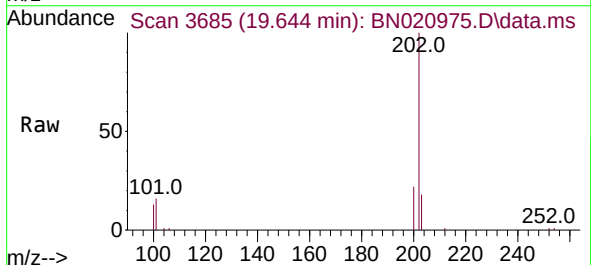
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SSTD0.2231

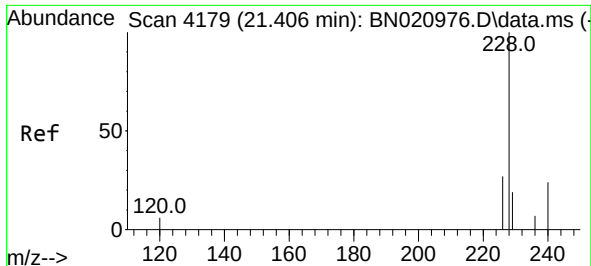
Tgt Ion:202 Resp: 8922
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.5 8.0 12.0



#20
Pyrene
Concen: 0.253 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Tgt Ion:202 Resp: 9353
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 13.1 9.0 13.4

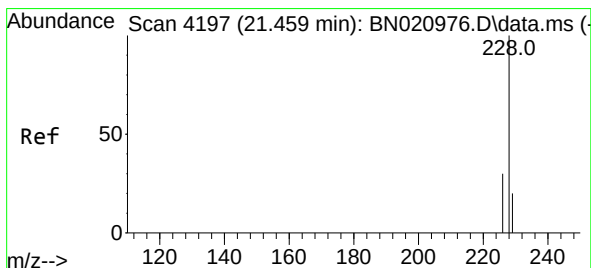
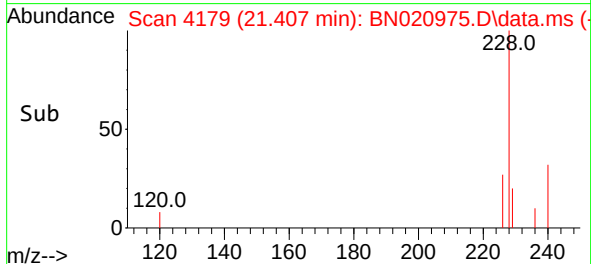
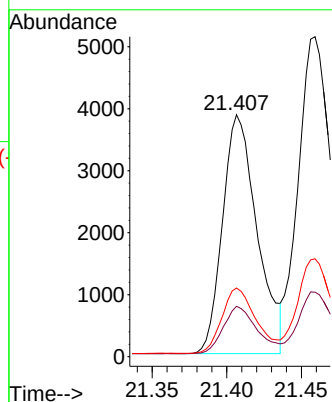
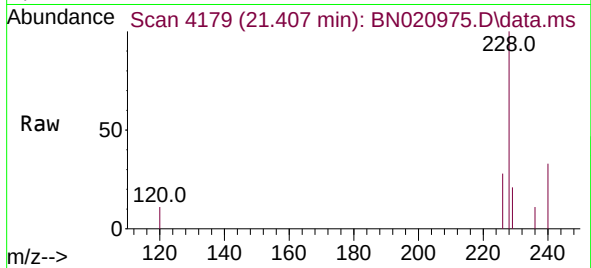




#21
Benzo(a)anthracene
Concen: 0.236 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

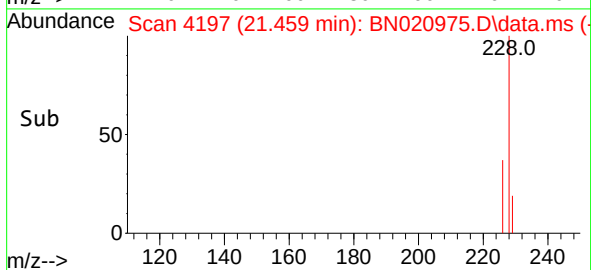
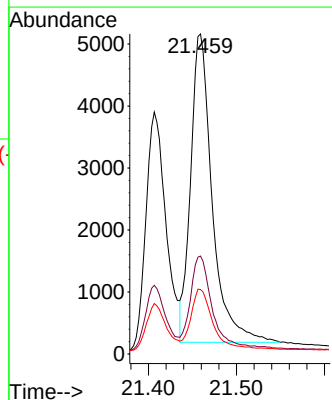
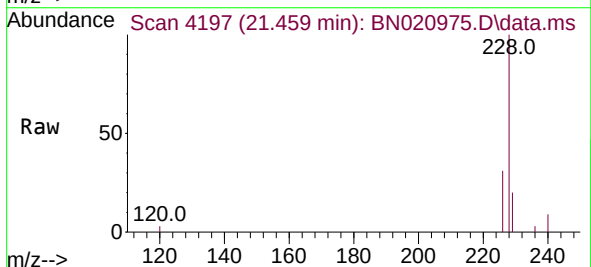
Instrument :
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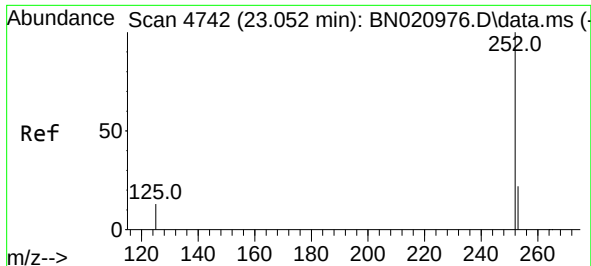
Tgt Ion:228 Resp: 6218
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.4 21.9 32.9



#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

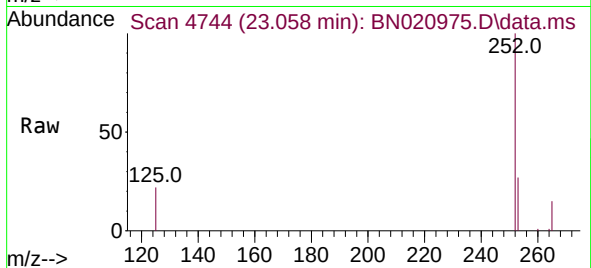
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Ion Ratio Lower Upper
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229 20.2 15.8 23.8



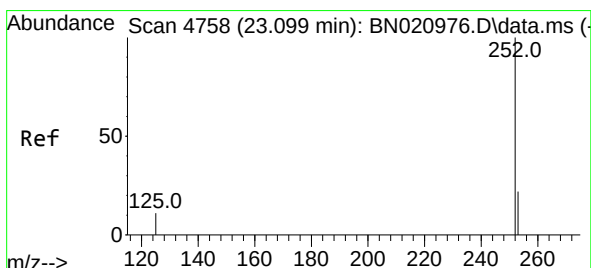
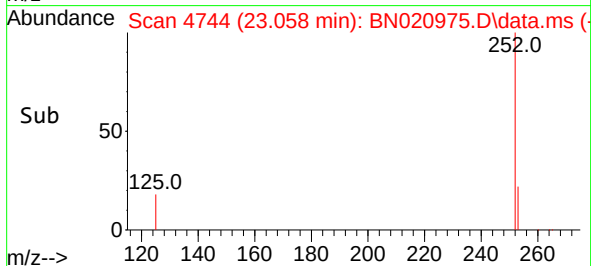
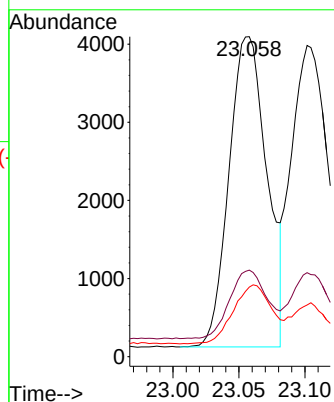


#24
Benzo(b)fluoranthene
Concen: 0.234 ng/ul
RT: 23.058 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

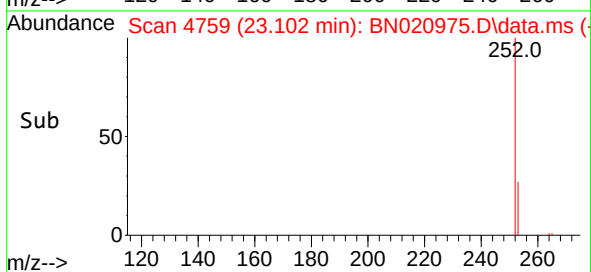
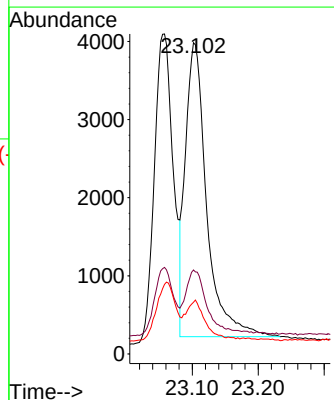
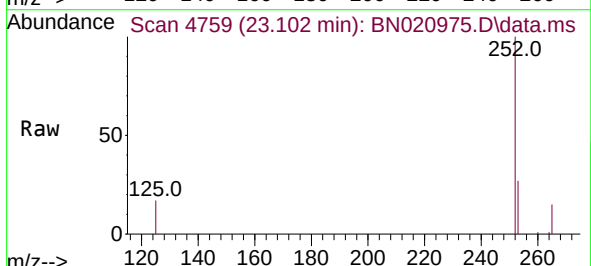


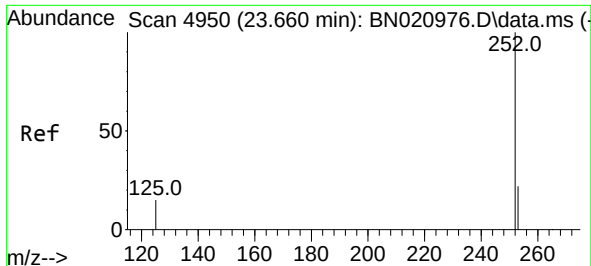
Tgt Ion:252 Resp: 7945
Ion Ratio Lower Upper
252 100
253 27.0 0.0 50.8
125 21.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul
RT: 23.102 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

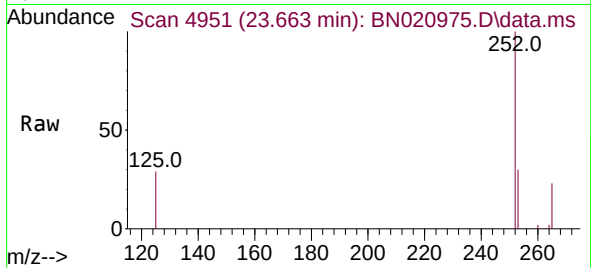
Tgt Ion:252 Resp: 8413
Ion Ratio Lower Upper
252 100
253 27.0 20.6 31.0
125 16.6 11.8 17.6



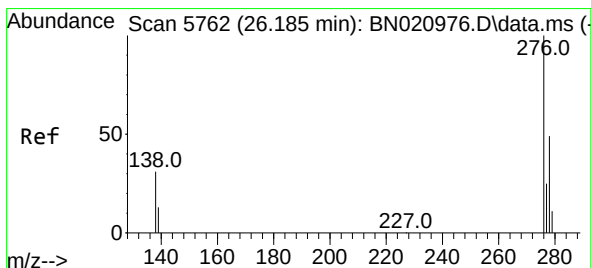
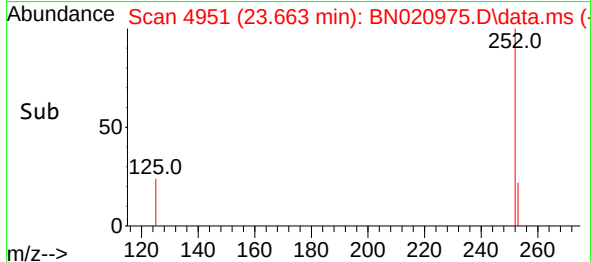
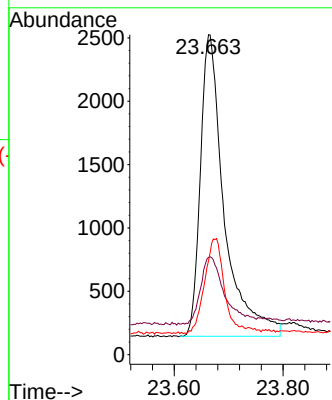


#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.663 min Scan# 4950
Delta R.T. 0.003 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

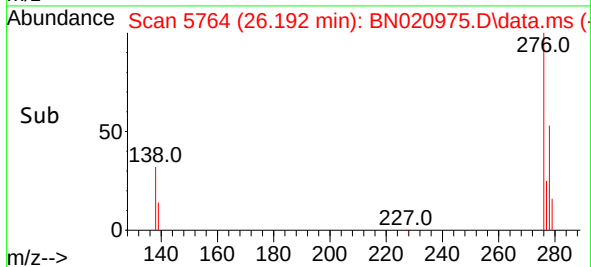
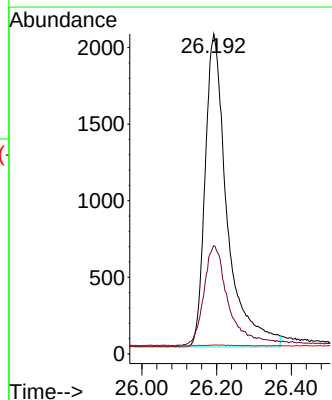
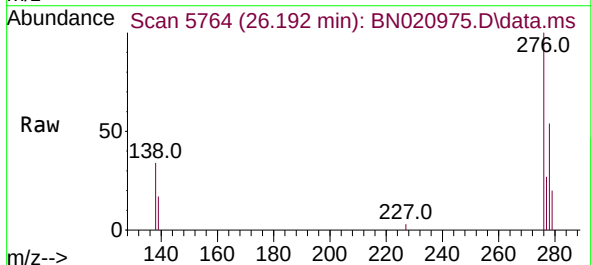


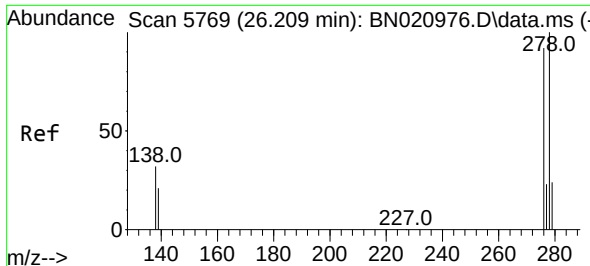
Tgt Ion:252 Resp: 7231
Ion Ratio Lower Upper
252 100
253 30.4 22.1 33.1
125 29.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.237 ng/ul
RT: 26.192 min Scan# 5764
Delta R.T. 0.007 min
Lab File: BN020975.D
Acq: 03 Aug 2022 13:14

Tgt Ion:276 Resp: 8361
Ion Ratio Lower Upper
276 100
138 36.2 26.1 39.1
227 0.2 0.1 0.1#

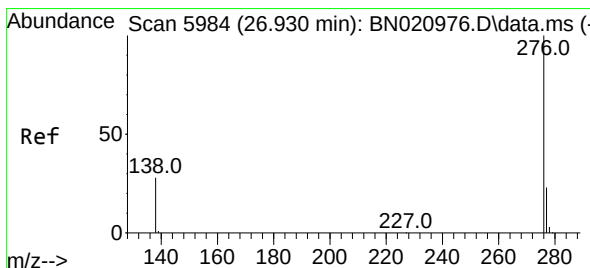
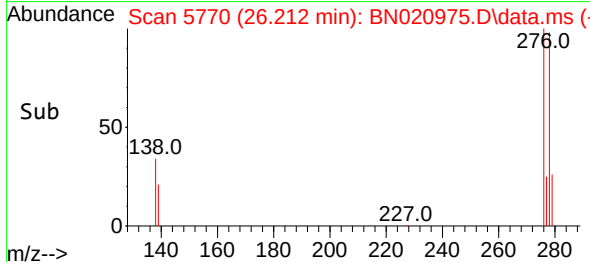
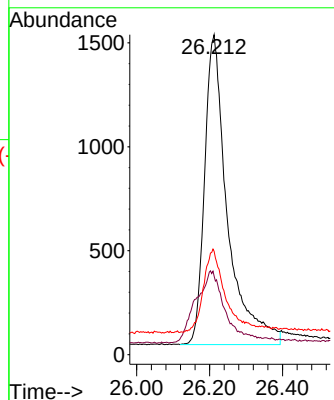
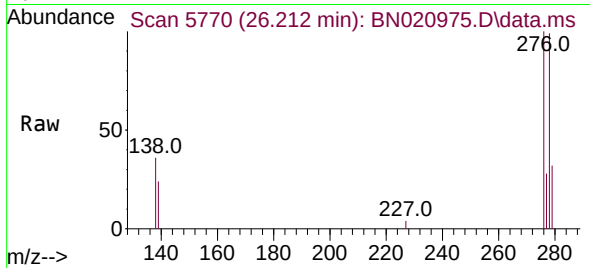




#28
 Dibenzo(a,h)anthracene
 Concen: 0.232 ng/ul
 RT: 26.212 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN020975.D
 Acq: 03 Aug 2022 13:14

Instrument :
 BNA_N
 ClientSampleId :
 SST00.2231

Tgt Ion:278 Resp: 6509
 Ion Ratio Lower Upper
 278 100
 139 24.6 18.3 27.5
 279 32.3 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.226 ng/ul
 RT: 26.933 min Scan# 5985
 Delta R.T. 0.003 min
 Lab File: BN020975.D
 Acq: 03 Aug 2022 13:14

Tgt Ion:276 Resp: 7227
 Ion Ratio Lower Upper
 276 100
 138 30.9 22.6 34.0
 277 26.3 20.2 30.2

