

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN020993.D
 Acq On : 04 Aug 2022 17:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

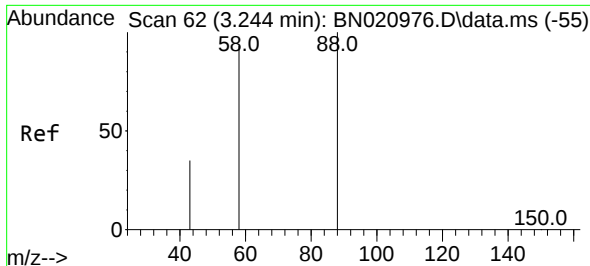
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 05 01:22:00 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)

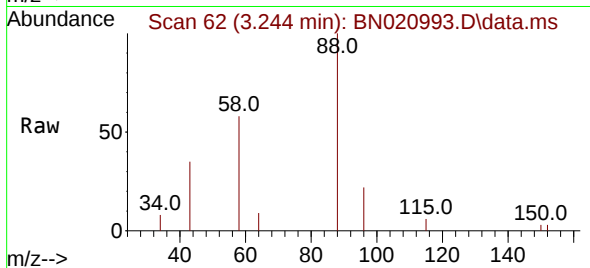
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	3207	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4932	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	9868	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	9610	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	7707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1571	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	5099	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	12264	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1537	0.364	ng/ul	95
5) Naphthalene	10.651	128	9523	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	5885	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	6538	0.399	ng/ul	100
10) Acenaphthylene	14.179	152	8008	0.347	ng/ul	99
11) Acenaphthene	14.521	153	6603	0.346	ng/ul	100
12) Fluorene	15.511	166	7428	0.356	ng/ul	98
14) Pentachlorophenol	16.880	266	534	0.351	ng/ul	99
15) Phenanthrene	17.252	178	12297	0.348	ng/ul	99
16) Anthracene	17.345	178	9608	0.351	ng/ul	99
19) Fluoranthene	19.282	202	15281	0.359	ng/ul	99
20) Pyrene	19.644	202	15700	0.358	ng/ul	95
21) Benzo(a)anthracene	21.409	228	11037	0.352	ng/ul	99
22) Chrysene	21.459	228	14369	0.348	ng/ul	100
24) Benzo(b)fluoranthene	23.058	252	13019	0.365	ng/ul	99
25) Benzo(k)fluoranthene	23.105	252	13562	0.360	ng/ul	99
26) Benzo(a)pyrene	23.663	252	11415	0.351	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.189	276	12273	0.316	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.209	278	9738	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	26.930	276	11465	0.331	ng/ul	98

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



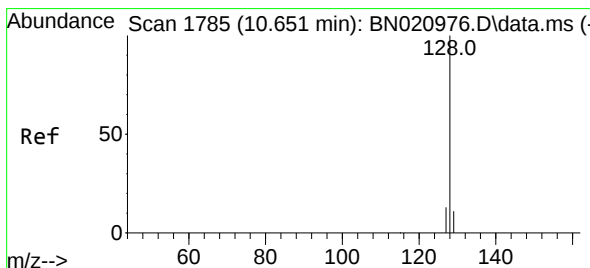
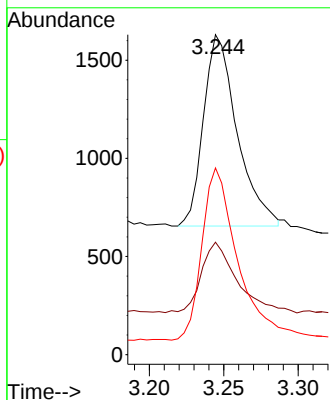
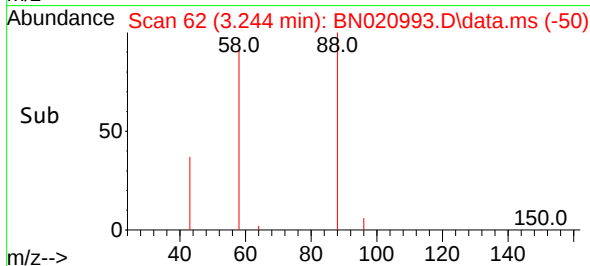
#2
 1,4-Dioxane
 Concen: 0.364 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020993.D
 Acq: 04 Aug 2022 17:29

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 88 Resp: 1537

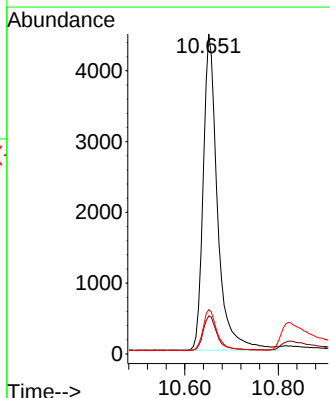
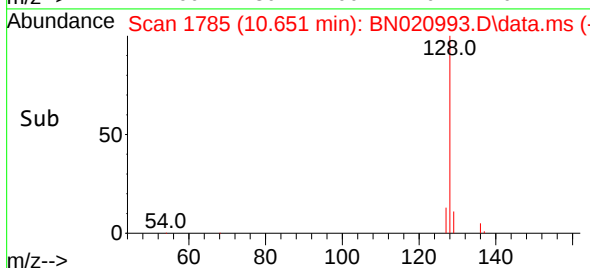
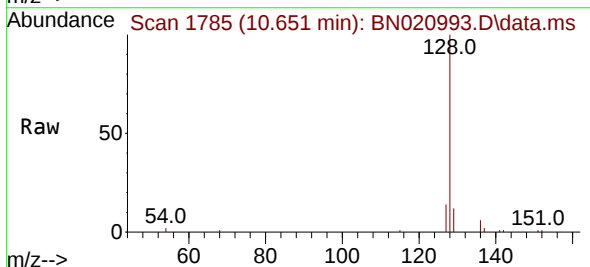
Ion	Ratio	Lower	Upper
88	100		
43	35.2	31.4	47.0
58	58.3	49.0	73.6

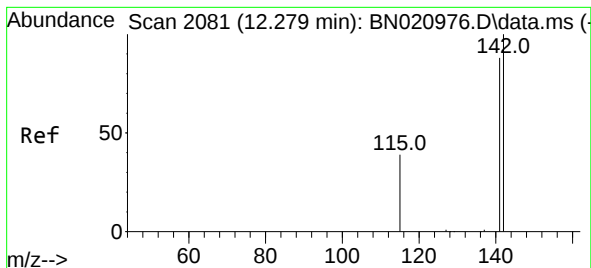


#5
 Naphthalene
 Concen: 0.352 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020993.D
 Acq: 04 Aug 2022 17:29

Tgt Ion: 128 Resp: 9523

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	13.8	11.6	17.4

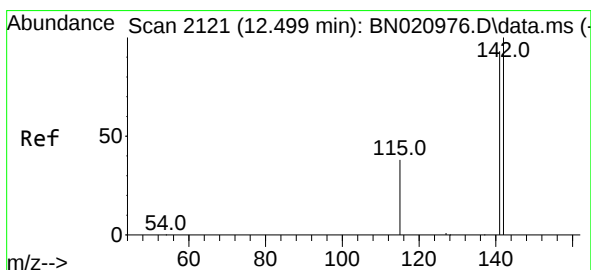
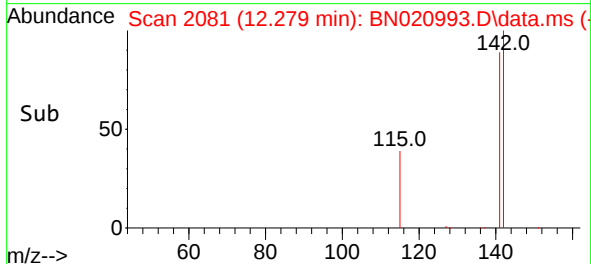
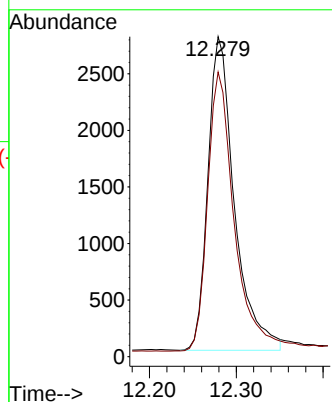
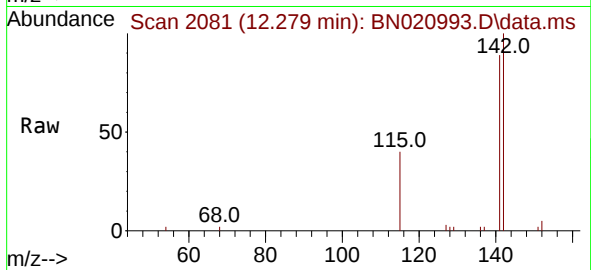




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

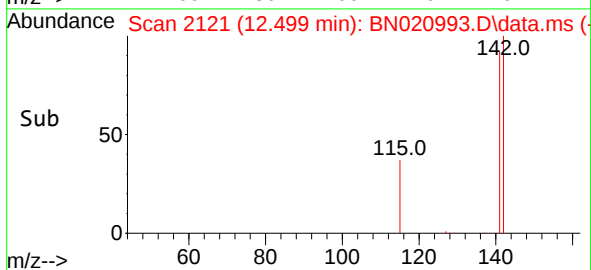
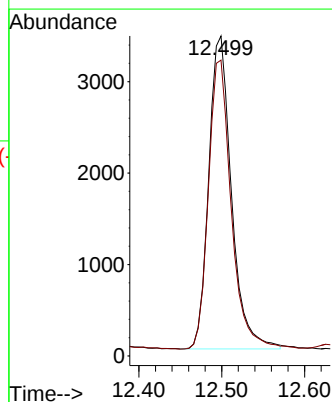
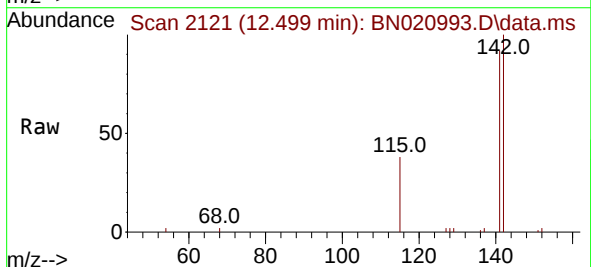
Instrument :
BNA_N
ClientSampleId :

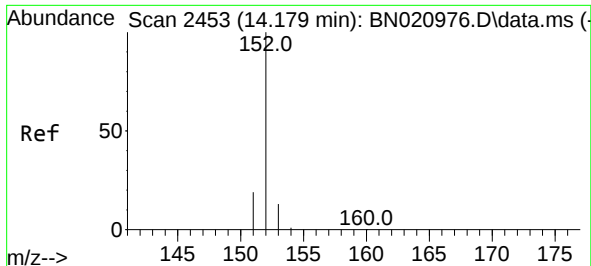
Tgt Ion:142 Resp: 5885
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

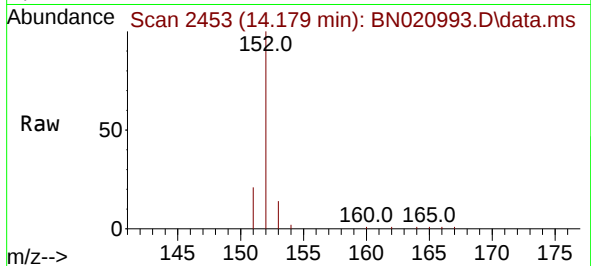
Tgt Ion:142 Resp: 6538
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9



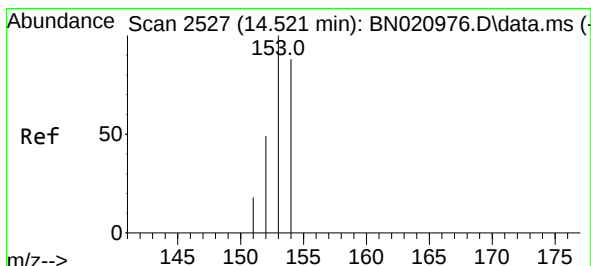
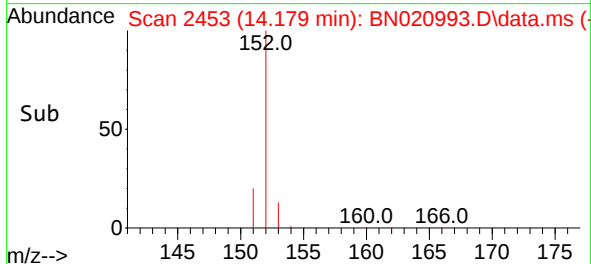
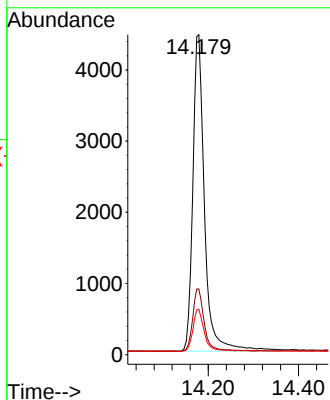


#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Instrument :
BNA_N
ClientSampleId :

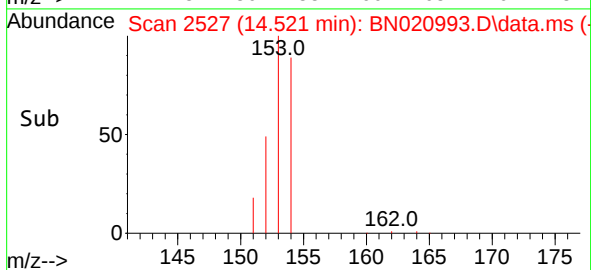
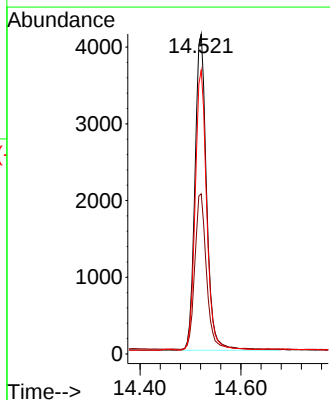
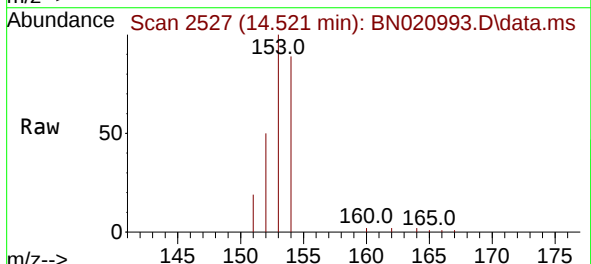


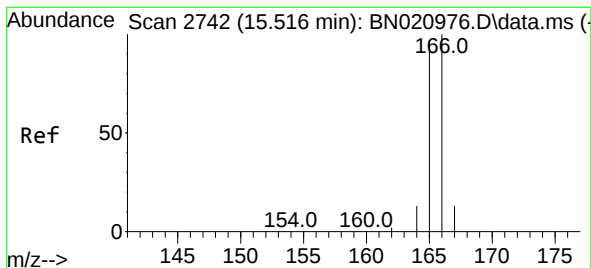
Tgt Ion:152 Resp: 8008
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Tgt Ion:153 Resp: 6603
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 88.7 70.7 106.1





#12

Fluorene

Concen: 0.356 ng/ul

RT: 15.511 min Scan# 21

Delta R.T. -0.005 min

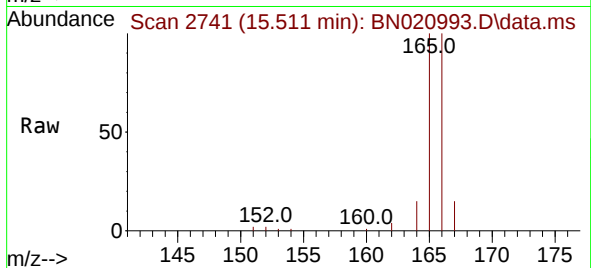
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Acq: 04 Aug 2022 17:29

Instrument :

BNA_N

ClientSampleId :



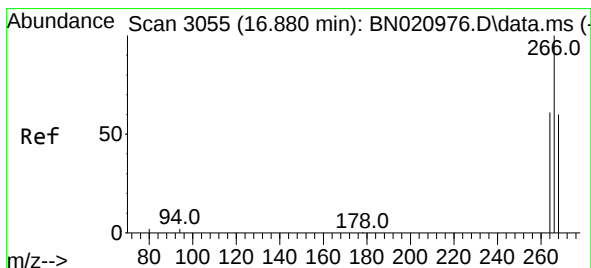
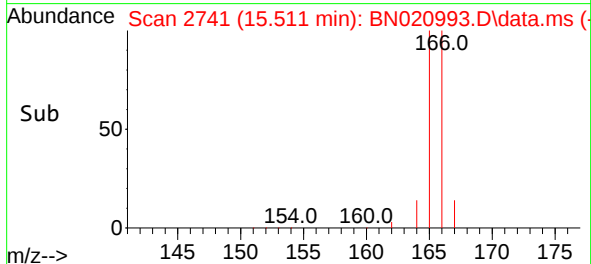
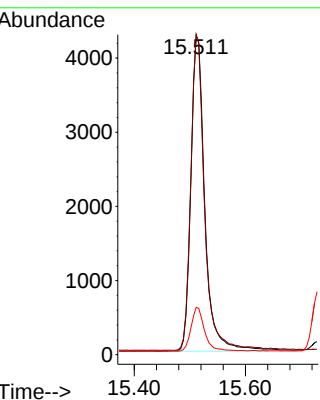
Tgt Ion:166 Resp: 7428

Ion Ratio Lower Upper

166 100

165 100.0 78.6 117.8

167 14.8 11.8 17.6



#14

Pentachlorophenol

Concen: 0.351 ng/ul

RT: 16.880 min Scan# 3055

Delta R.T. 0.000 min

Lab File: BN020993.D

Acq: 04 Aug 2022 17:29

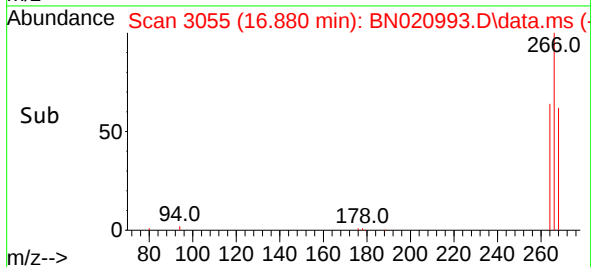
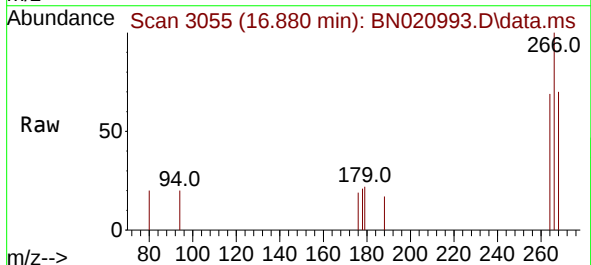
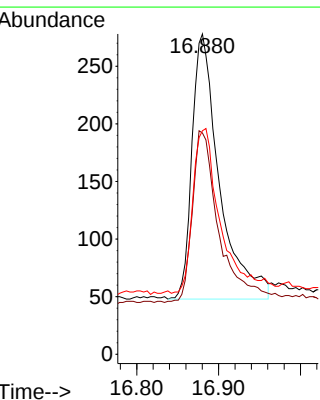
Tgt Ion:266 Resp: 534

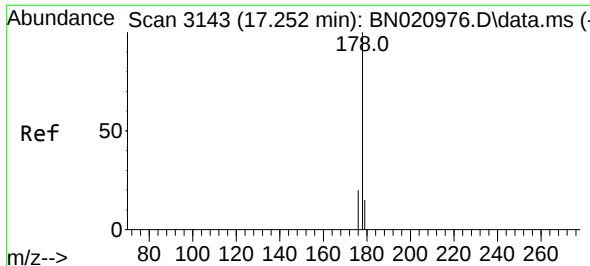
Ion Ratio Lower Upper

266 100

264 63.5 49.8 74.8

268 62.9 50.6 75.8

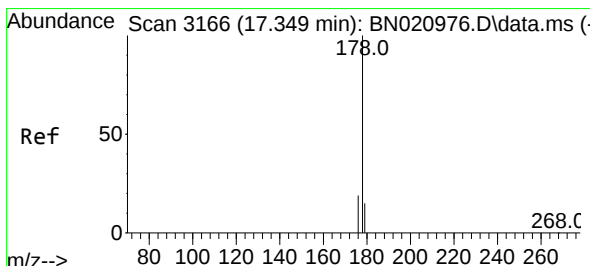
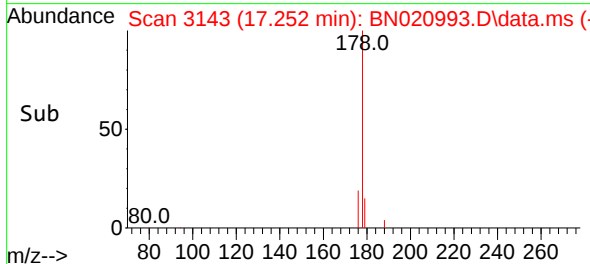
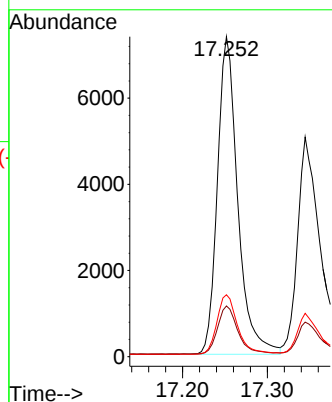
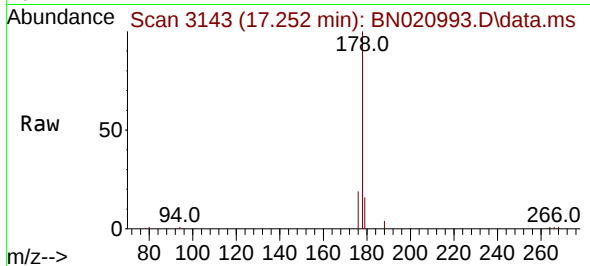




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

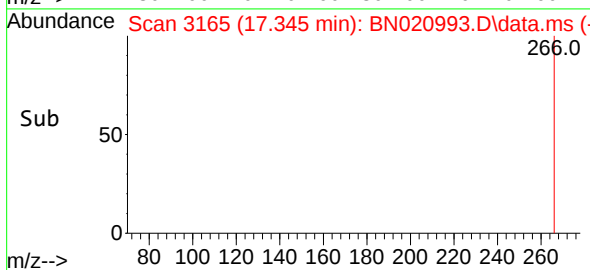
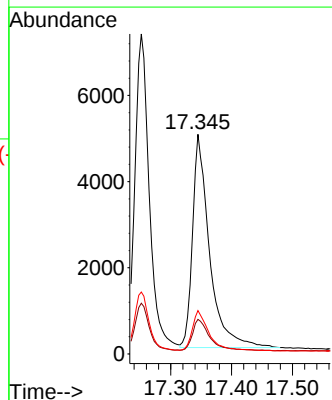
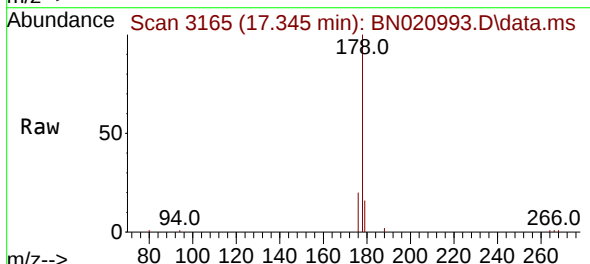
Instrument :
BNA_N
ClientSampleId :

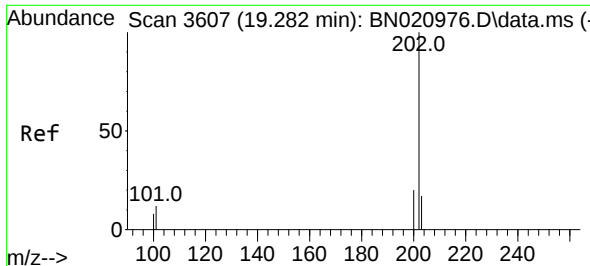
Tgt Ion:178 Resp: 12297
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.3 15.9 23.9



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Tgt Ion:178 Resp: 9608
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.7 15.9 23.9

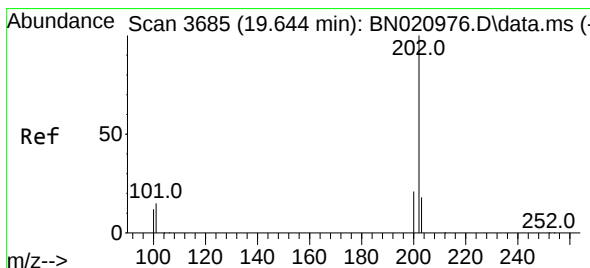
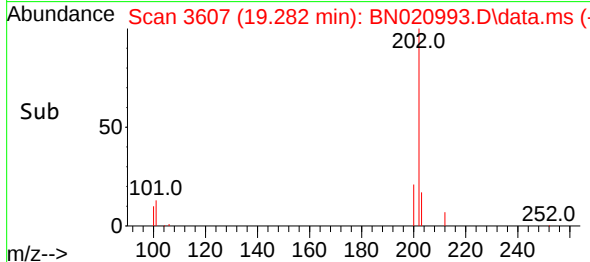
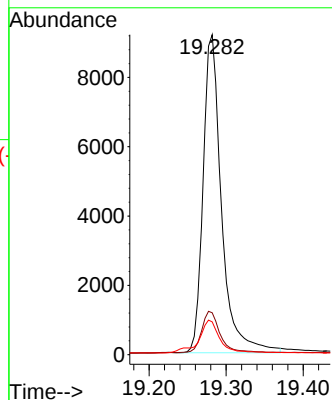
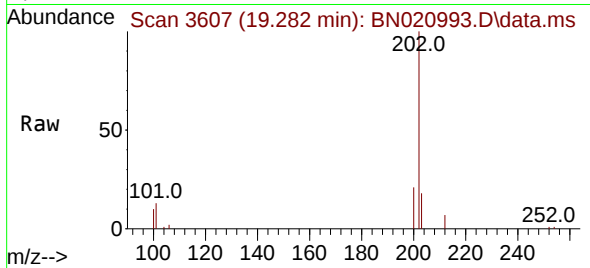




#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

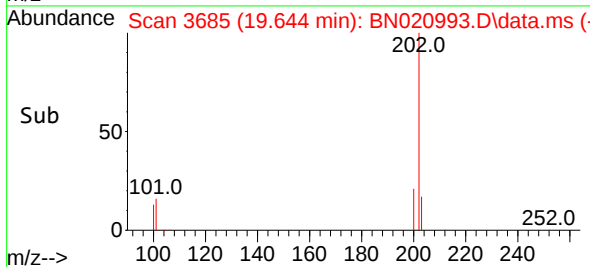
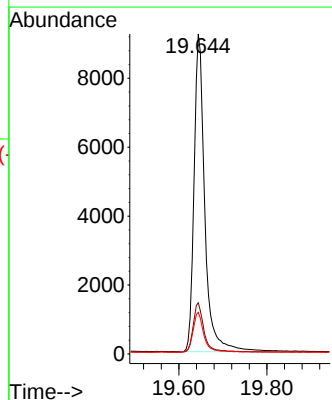
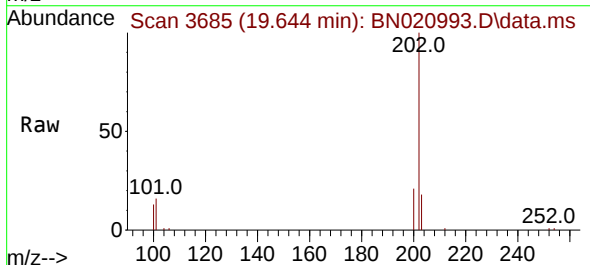
Instrument :
BNA_N
ClientSampleId :

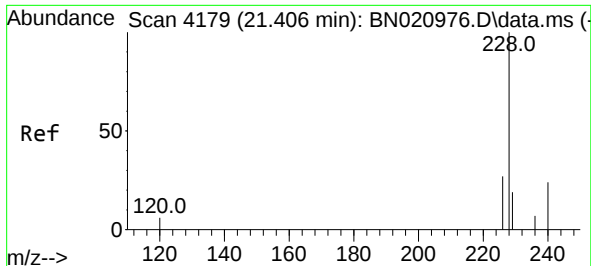
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.0	15.0
100	10.3	8.0	12.0



#20
Pyrene
Concen: 0.358 ng/u1
RT: 19.644 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

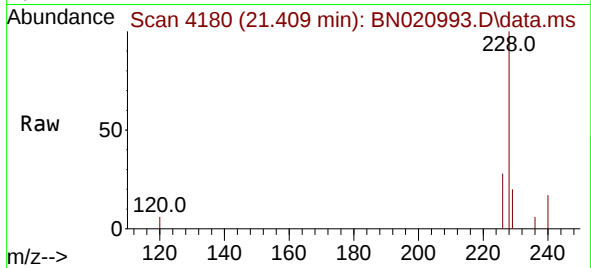
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.3	16.9
100	13.0	9.0	13.4



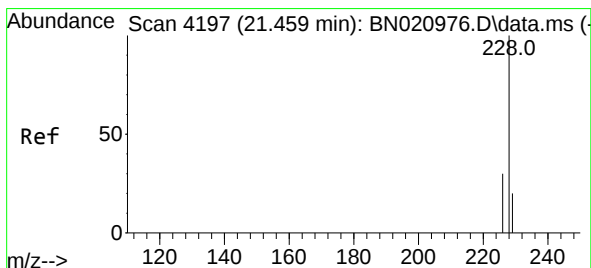
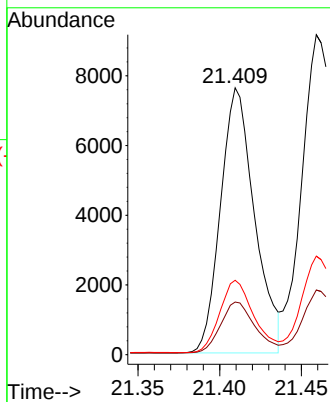
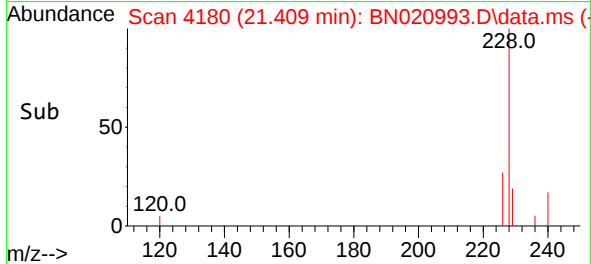


#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.409 min Scan# 4179
Delta R.T. 0.003 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Instrument :
BNA_N
ClientSampleId :

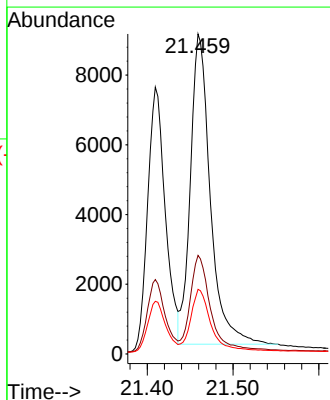
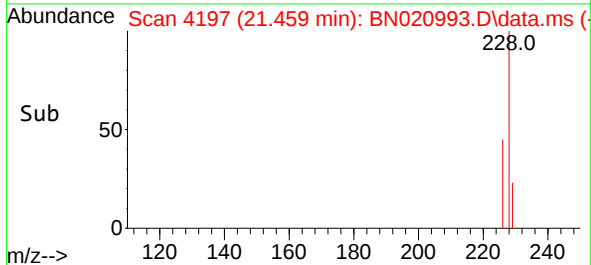
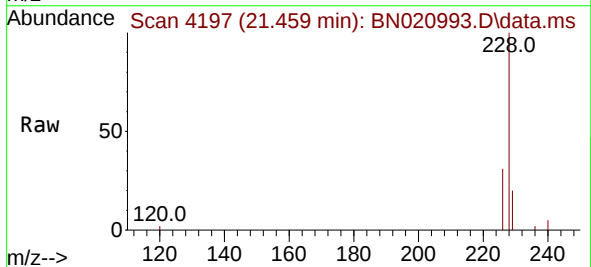


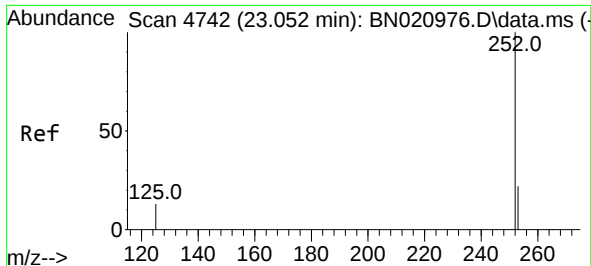
Tgt Ion:228 Resp: 11037
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

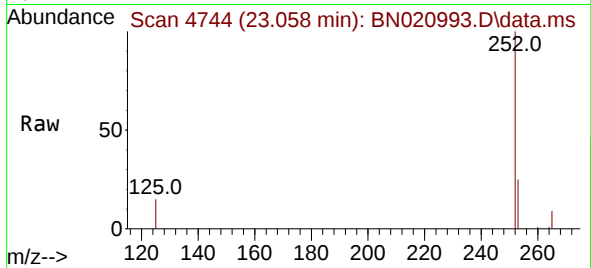
Tgt Ion:228 Resp: 14369
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.2 15.8 23.8



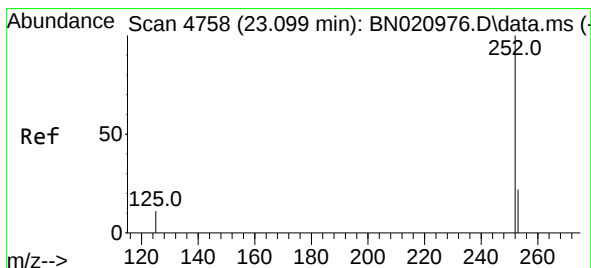
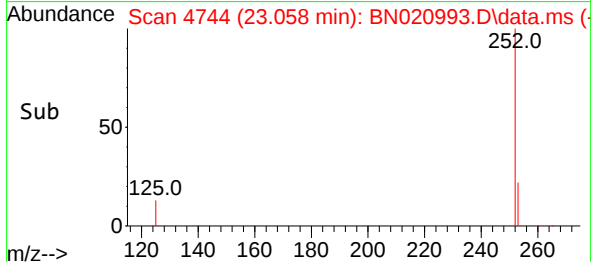
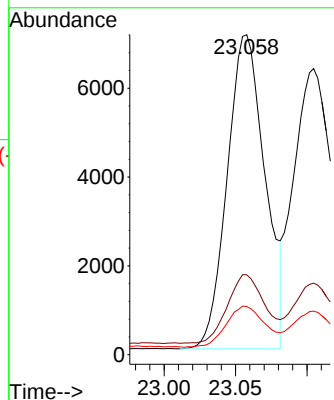


#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.058 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Instrument :
BNA_N
ClientSampleId :

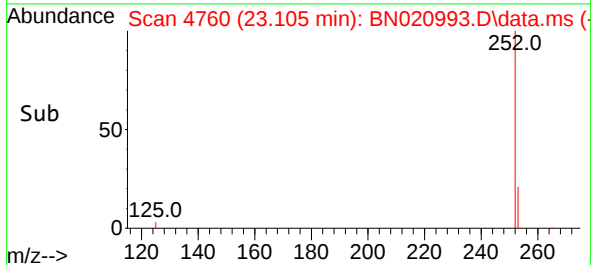
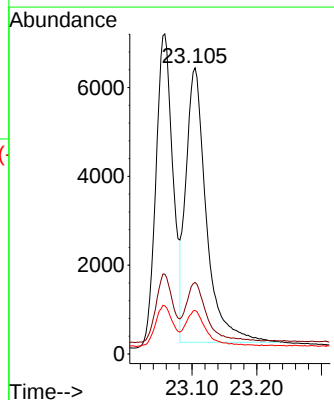
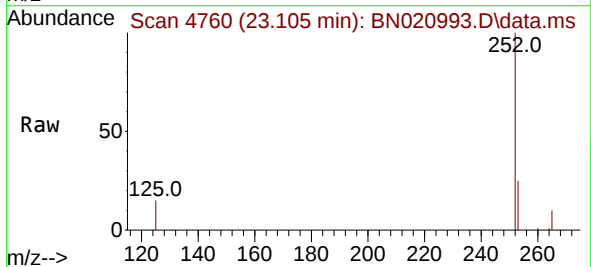


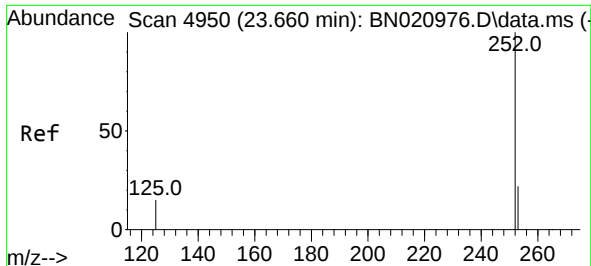
Tgt Ion:252 Resp: 13019
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.8
125 15.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

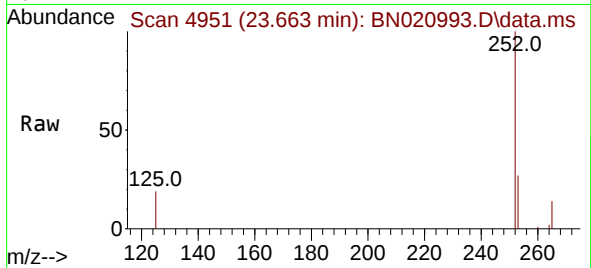
Tgt Ion:252 Resp: 13562
Ion Ratio Lower Upper
252 100
253 25.0 20.6 31.0
125 15.2 11.8 17.6



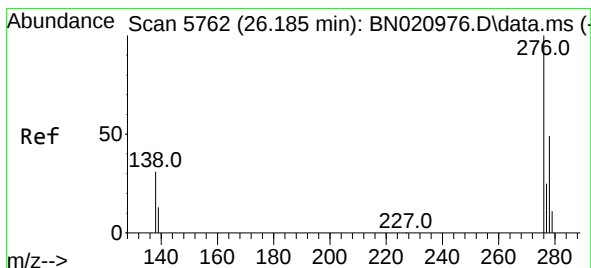
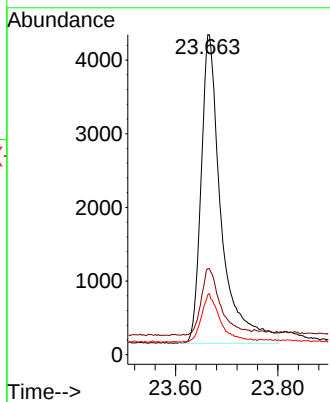
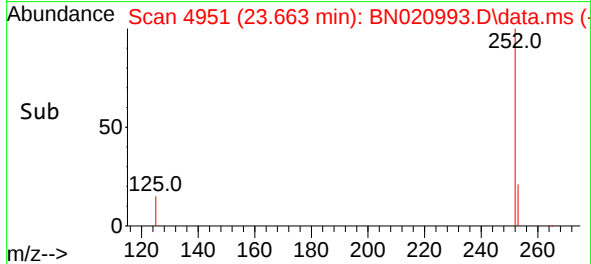


#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.663 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Instrument :
BNA_N
ClientSampleId :

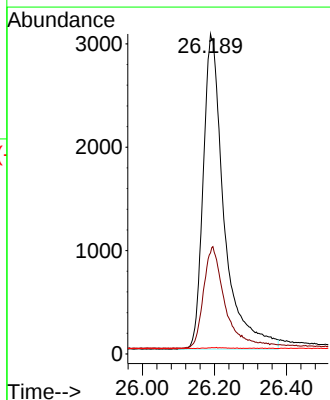
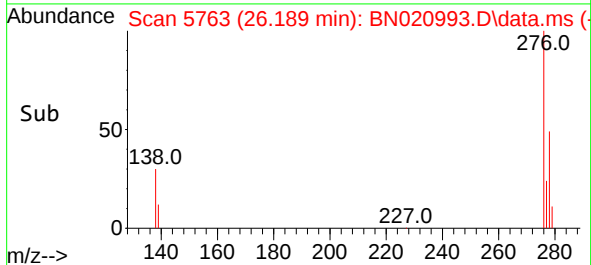
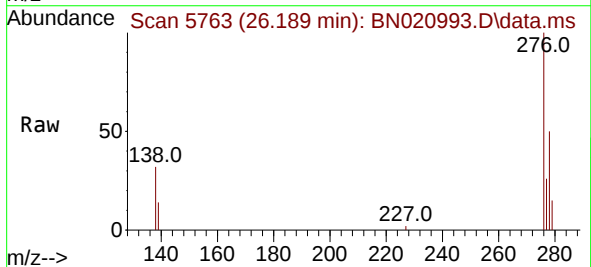


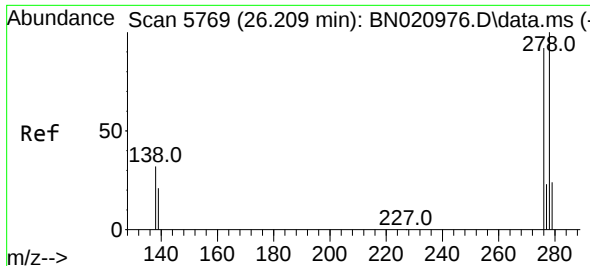
Tgt Ion:252 Resp: 11415
Ion Ratio Lower Upper
252 100
253 26.9 22.1 33.1
125 18.8 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.189 min Scan# 5763
Delta R.T. 0.003 min
Lab File: BN020993.D
Acq: 04 Aug 2022 17:29

Tgt Ion:276 Resp: 12273
Ion Ratio Lower Upper
276 100
138 33.8 26.1 39.1
227 0.2 0.1 0.1#

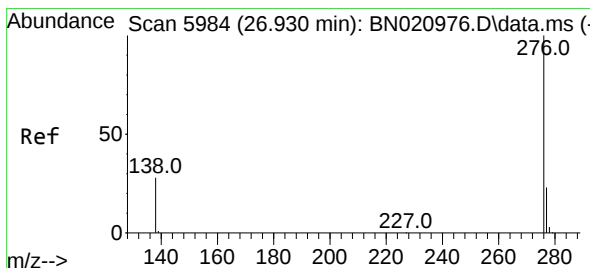
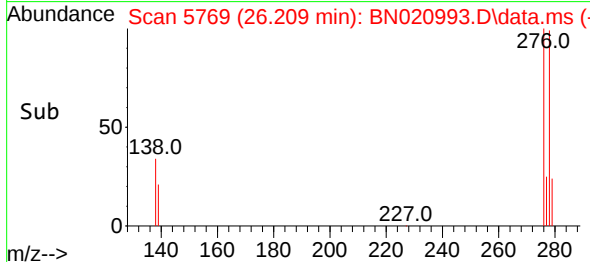
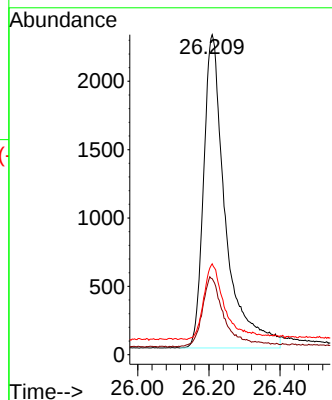
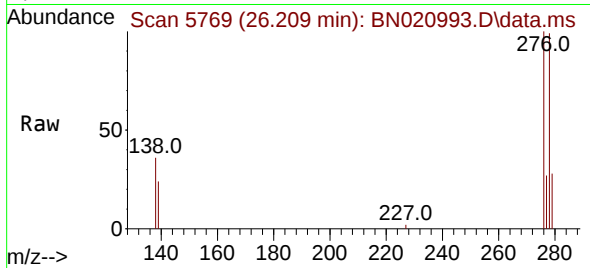




#28
 Dibenzo(a,h)anthracene
 Concen: 0.317 ng/ul
 RT: 26.209 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN020993.D
 Acq: 04 Aug 2022 17:29

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 9738
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.3 27.5
 279 28.4 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.331 ng/ul
 RT: 26.930 min Scan# 5984
 Delta R.T. 0.000 min
 Lab File: BN020993.D
 Acq: 04 Aug 2022 17:29

Tgt Ion:276 Resp: 11465
 Ion Ratio Lower Upper
 276 100
 138 30.5 22.6 34.0
 277 25.0 20.2 30.2

