

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021143.D
 Acq On : 11 Aug 2022 11:33
 Operator : CG/JU
 Sample : PB146920BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS920

Quant Time: Aug 11 13:50:10 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 : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

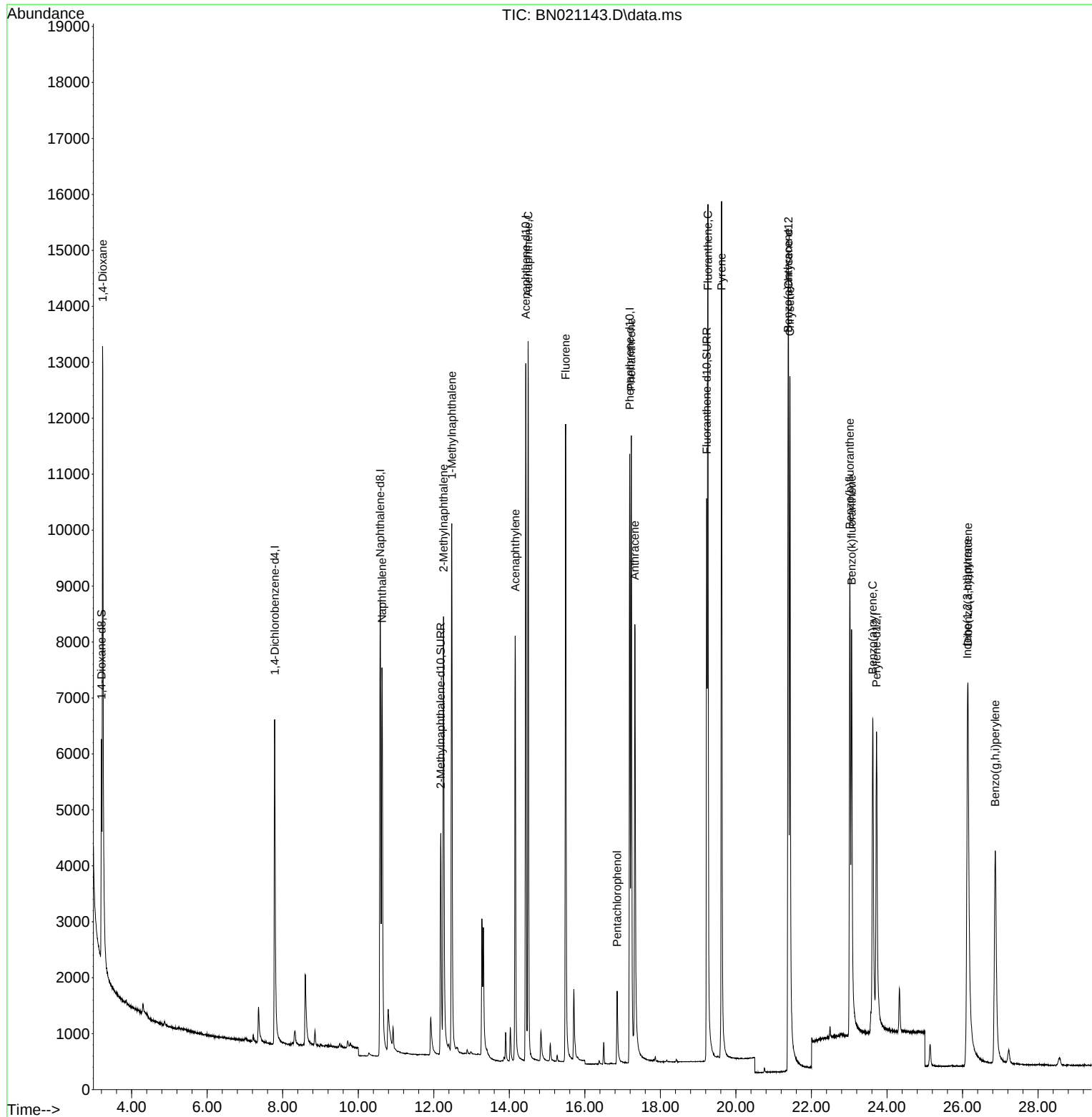
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	3910	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	13208	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	7455	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	14231	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	10577	0.400	ng/ul	0.00
23) Perylene-d12	23.725	264	8652	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	2961	0.592	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	6278	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	12119	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	7439	1.444	ng/ul#	89
5) Naphthalene	10.629	128	11226	0.277	ng/ul	99
7) 2-Methylnaphthalene	12.257	142	6899	0.280	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	7480	0.304	ng/ul	100
10) Acenaphthylene	14.156	152	9949	0.285	ng/ul	99
11) Acenaphthene	14.498	153	7919	0.275	ng/ul	99
12) Fluorene	15.493	166	8601	0.273	ng/ul	100
14) Pentachlorophenol	16.855	266	1175	0.535	ng/ul	99
15) Phenanthrene	17.231	178	13614	0.267	ng/ul	100
16) Anthracene	17.324	178	11087	0.281	ng/ul	99
19) Fluoranthene	19.259	202	14746	0.315	ng/ul	98
20) Pyrene	19.621	202	15142	0.313	ng/ul	98
21) Benzo(a)anthracene	21.380	228	10138	0.294	ng/ul	100
22) Chrysene	21.433	228	12608	0.277	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	11012	0.275	ng/ul	98
25) Benzo(k)fluoranthene	23.064	252	11851	0.280	ng/ul	99
26) Benzo(a)pyrene	23.622	252	10272	0.281	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.132	276	11188	0.256	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.145	278	8586	0.249	ng/ul	98
29) Benzo(g,h,i)perylene	26.867	276	9979	0.256	ng/ul	99

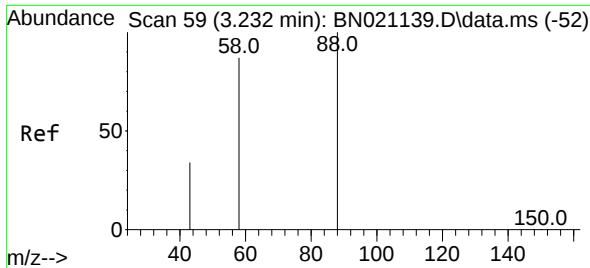
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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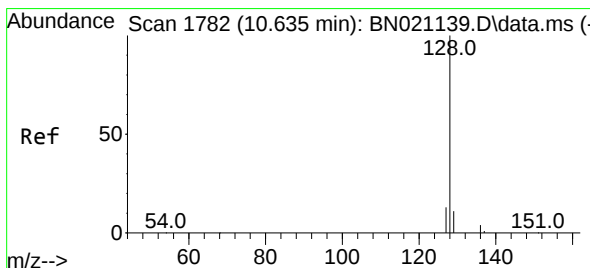
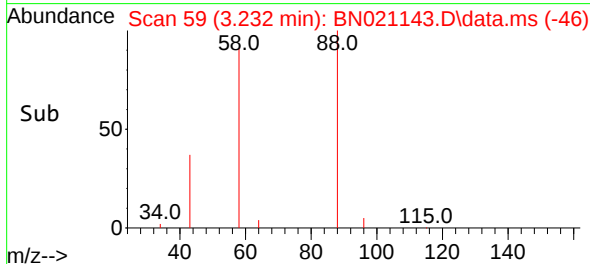
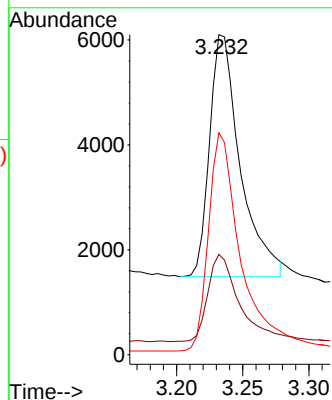
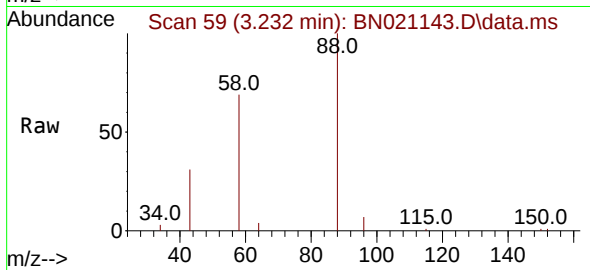




#2
 1,4-Dioxane
 Concen: 1.444 ng/ul
 RT: 3.232 min Scan# 59
 Delta R.T. 0.004 min
 Lab File: BN021143.D
 Acq: 11 Aug 2022 11:33

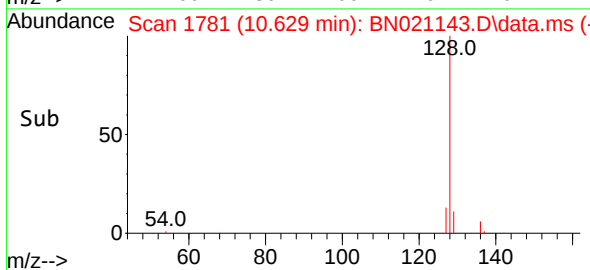
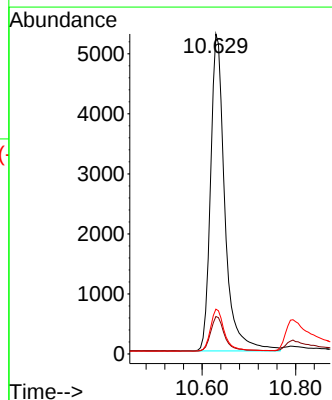
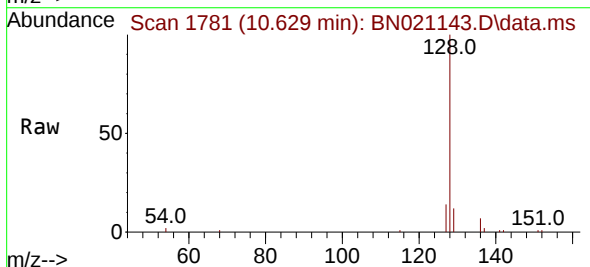
Instrument :
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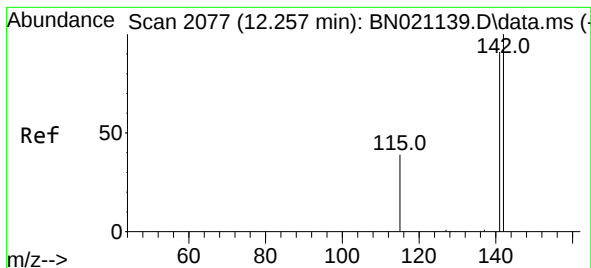
Tgt Ion: 88 Resp: 7439
 Ion Ratio Lower Upper
 88 100
 43 31.4 31.4 47.0#
 58 69.4 49.0 73.6



#5
 Naphthalene
 Concen: 0.277 ng/ul
 RT: 10.629 min Scan# 1781
 Delta R.T. 0.001 min
 Lab File: BN021143.D
 Acq: 11 Aug 2022 11:33

Tgt Ion: 128 Resp: 11226
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.8 14.6
 127 14.0 11.6 17.4

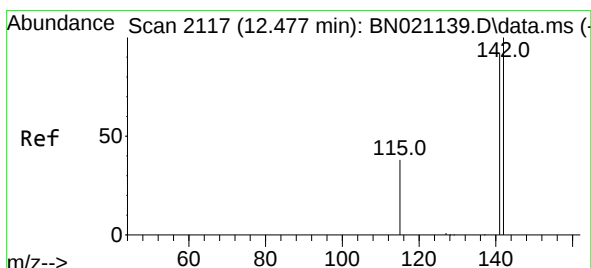
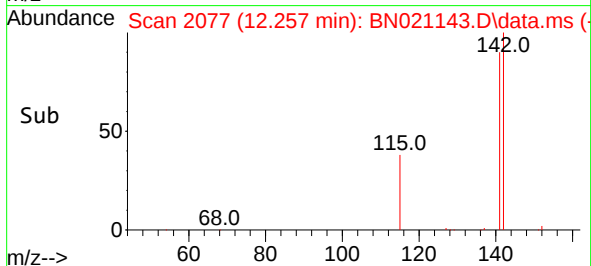
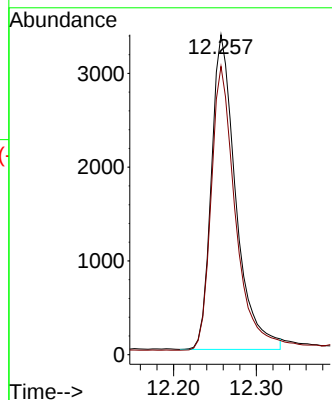
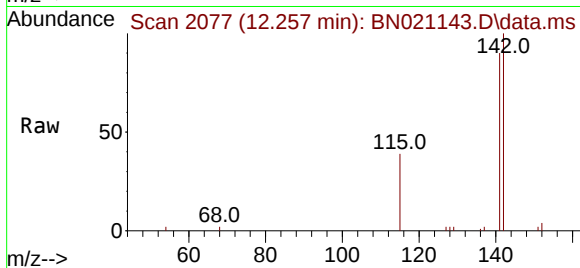




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.257 min Scan# 2077
Delta R.T. 0.007 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

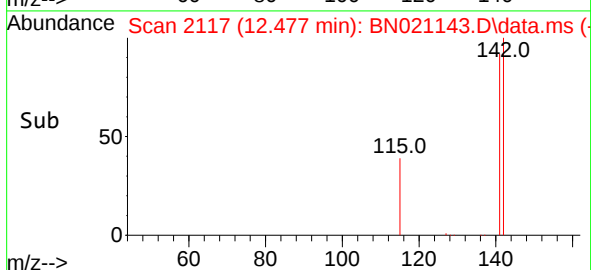
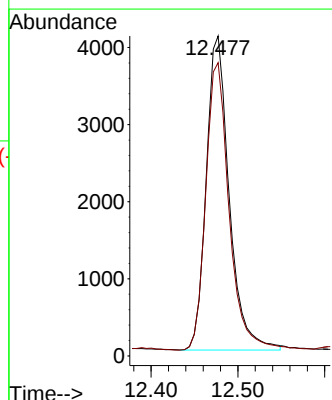
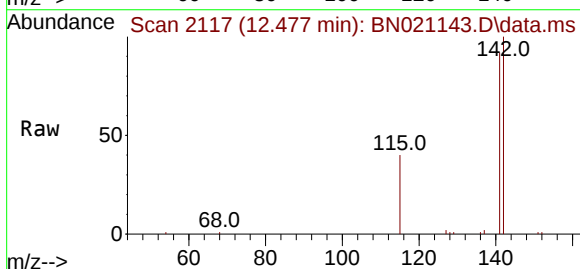
Instrument :
BNA_N
ClientSampleId :
SLCS920

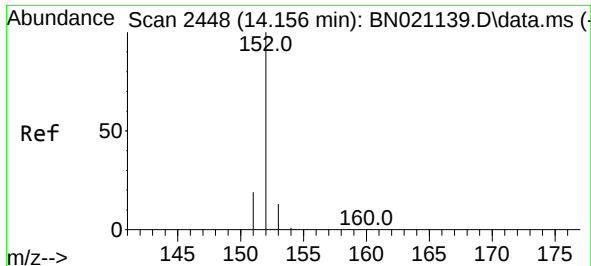
Tgt Ion:142 Resp: 6899
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:142 Resp: 7480
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

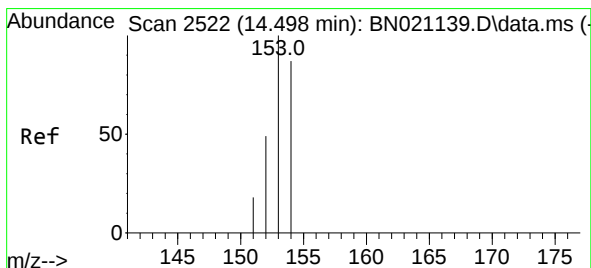
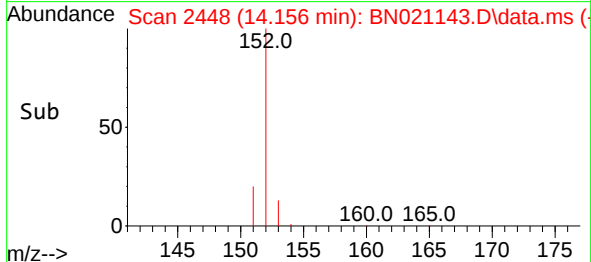
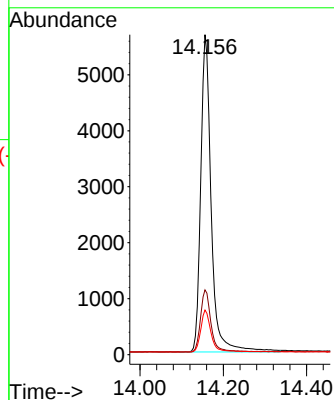
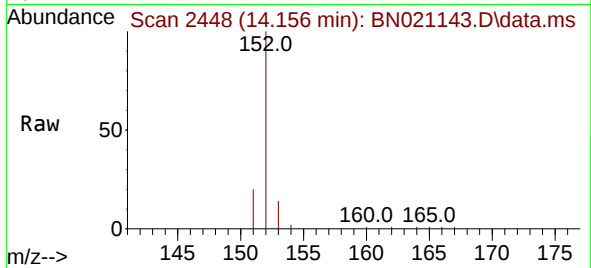




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.156 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

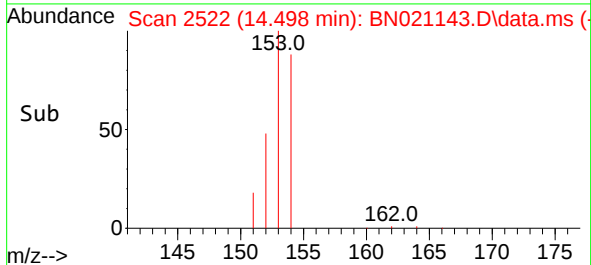
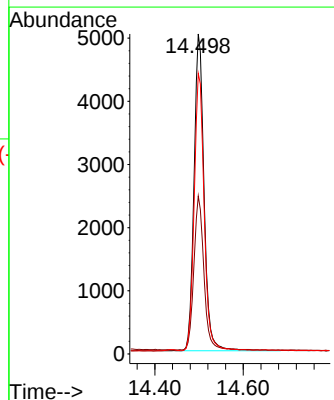
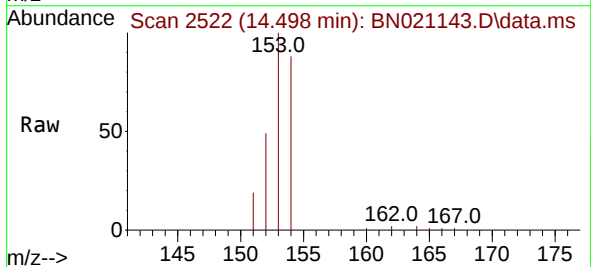
Instrument :
BNA_N
ClientSampleId :
SLCS920

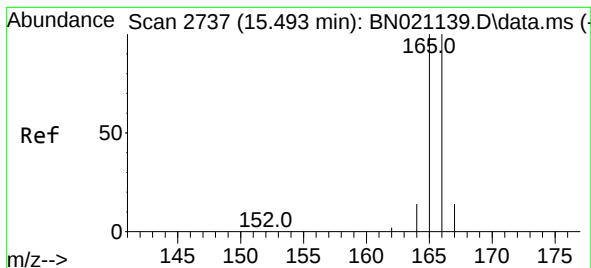
Tgt Ion:152 Resp: 9949
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:153 Resp: 7919
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.4
154 87.6 70.7 106.1





#12

Fluorene

Concen: 0.273 ng/ul

RT: 15.493 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN021143.D

Acq: 11 Aug 2022 11:33

Instrument :

BNA_N

ClientSampleId :

SLCS920

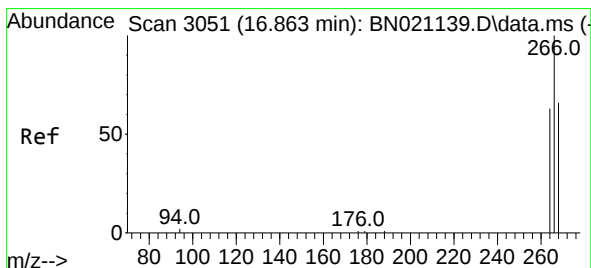
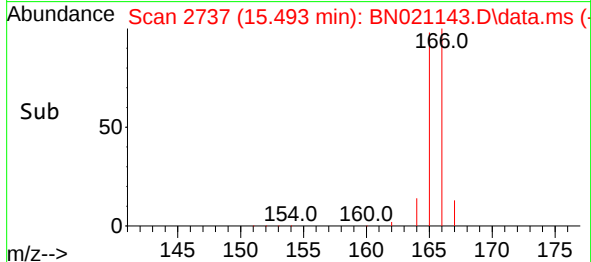
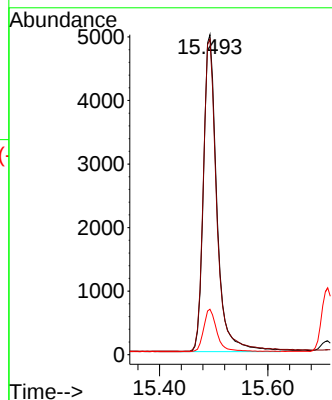
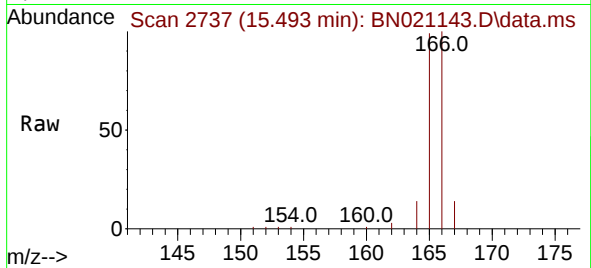
Tgt Ion:166 Resp: 8601

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

167 14.2 11.8 17.6



#14

Pentachlorophenol

Concen: 0.535 ng/ul

RT: 16.855 min Scan# 3049

Delta R.T. 0.001 min

Lab File: BN021143.D

Acq: 11 Aug 2022 11:33

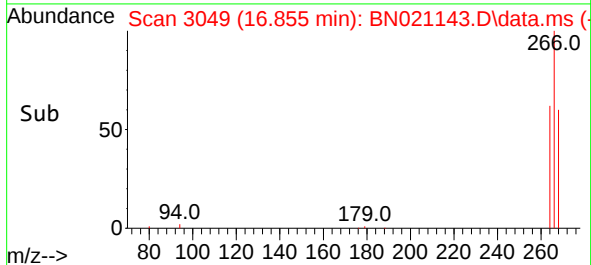
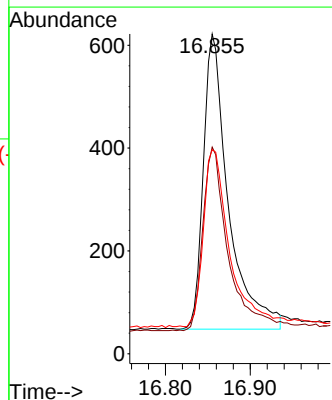
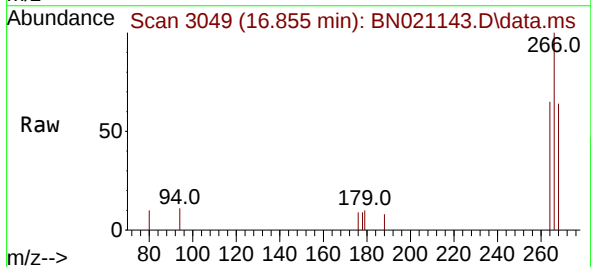
Tgt Ion:266 Resp: 1175

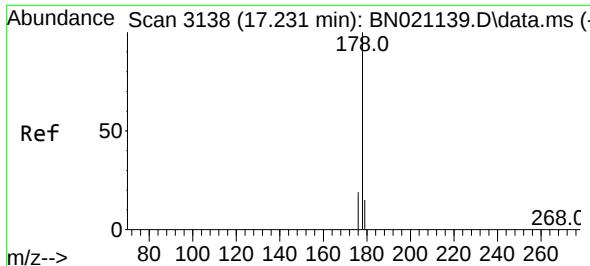
Ion Ratio Lower Upper

266 100

264 62.8 49.8 74.8

268 62.6 50.6 75.8

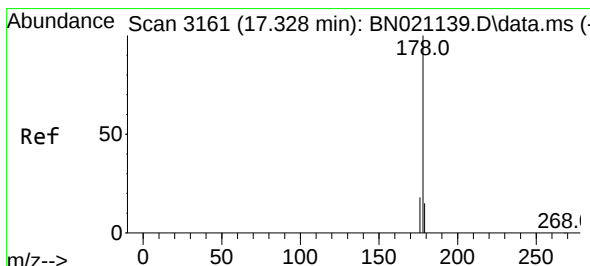
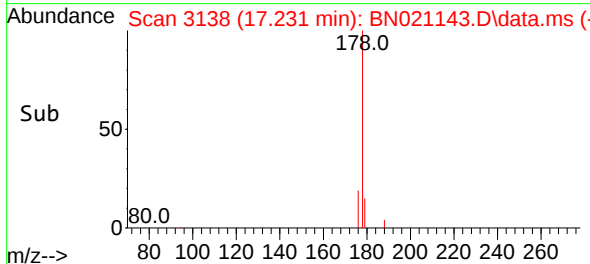
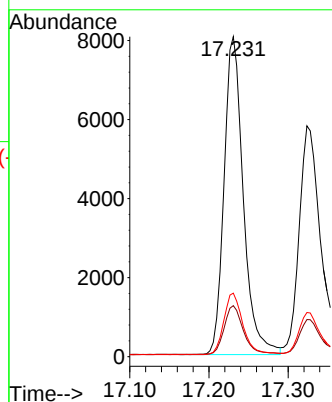
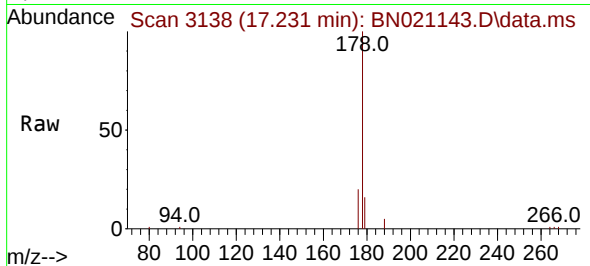




#15
Phenanthrene
Concen: 0.267 ng/ul
RT: 17.231 min Scan# 3138
Delta R.T. 0.001 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

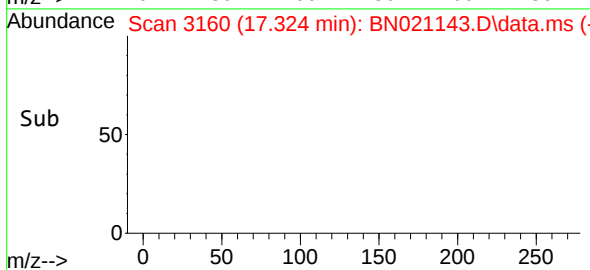
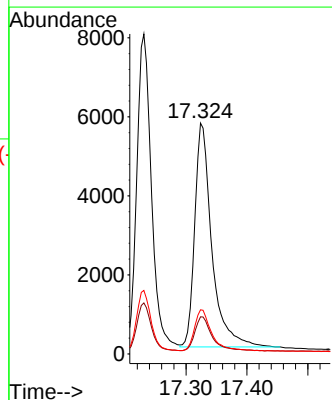
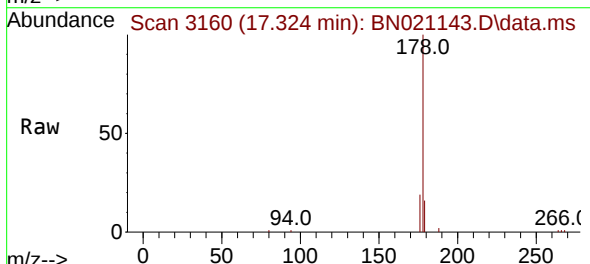
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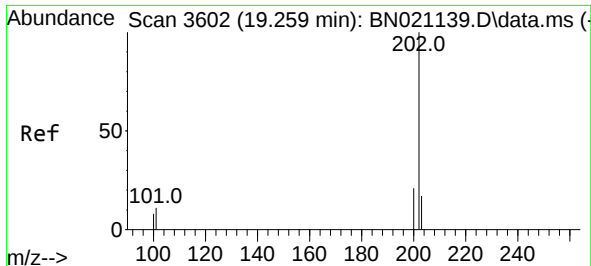
Tgt Ion:178 Resp: 13614
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.281 ng/ul
RT: 17.324 min Scan# 3160
Delta R.T. 0.001 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:178 Resp: 11087
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.1 15.9 23.9





#19

Fluoranthene

Concen: 0.315 ng/ul

RT: 19.259 min Scan# 3602

Delta R.T. -0.003 min

Lab File: BN021143.D

Acq: 11 Aug 2022 11:33

Instrument :

BNA_N

ClientSampleId :

SLCS920

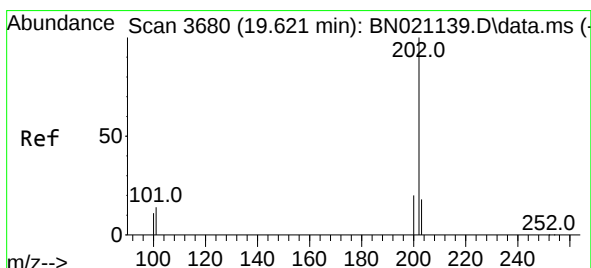
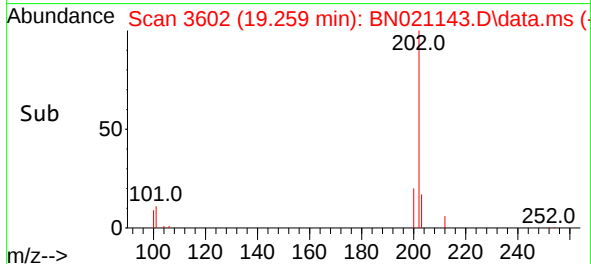
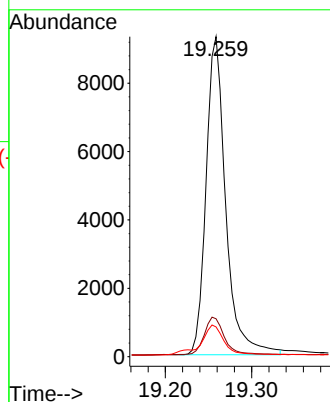
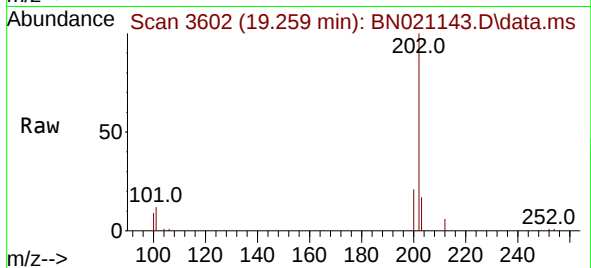
Tgt Ion:202 Resp: 14746

Ion Ratio Lower Upper

202 100

101 11.8 10.0 15.0

100 9.3 8.0 12.0



#20

Pyrene

Concen: 0.313 ng/ul

RT: 19.621 min Scan# 3680

Delta R.T. -0.003 min

Lab File: BN021143.D

Acq: 11 Aug 2022 11:33

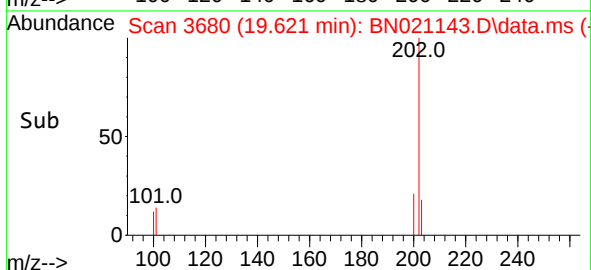
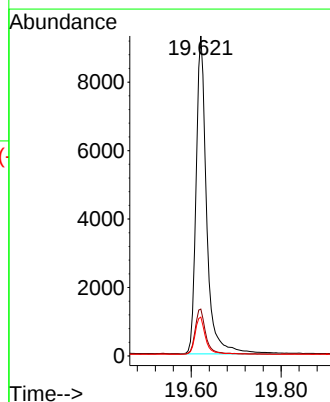
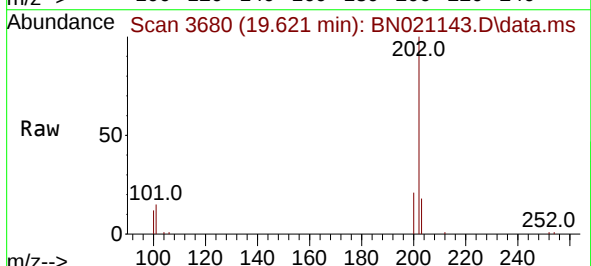
Tgt Ion:202 Resp: 15142

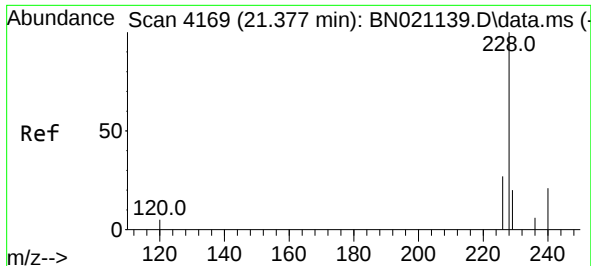
Ion Ratio Lower Upper

202 100

101 14.7 11.3 16.9

100 12.2 9.0 13.4

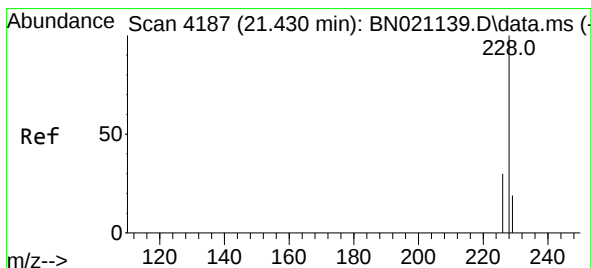
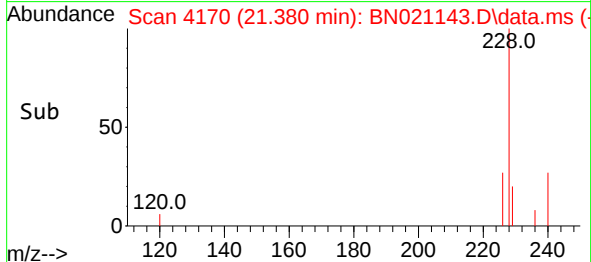
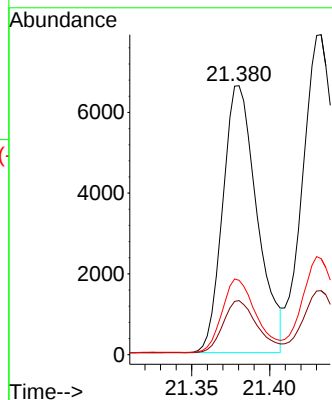
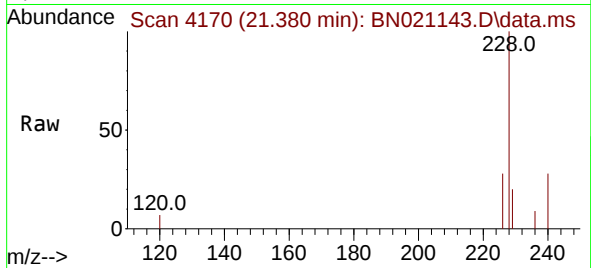




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.380 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

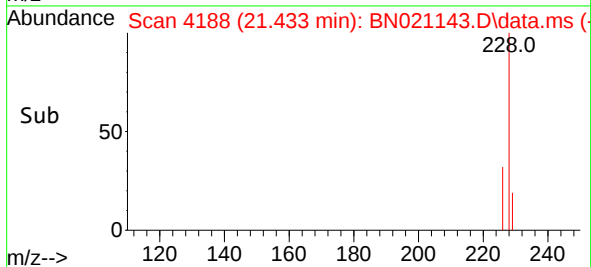
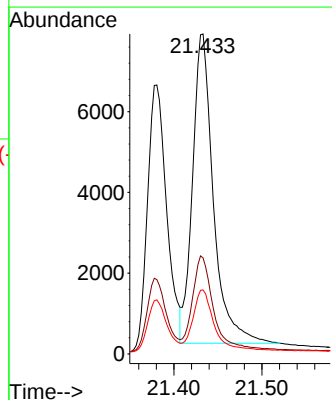
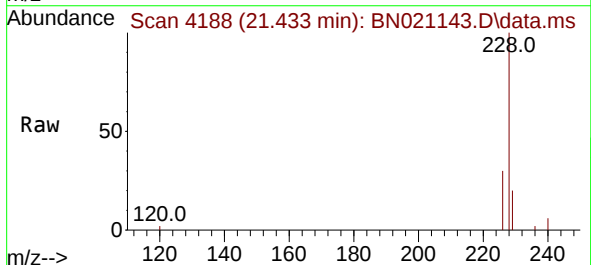
Instrument :
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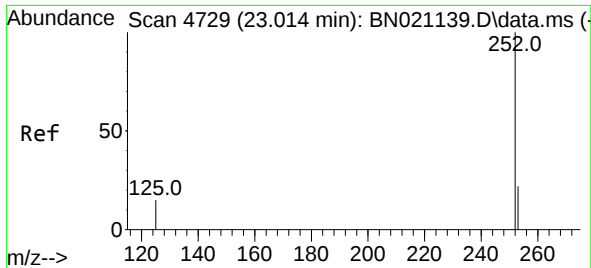
Tgt Ion:228 Resp: 10138
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.277 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:228 Resp: 12608
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 20.0 15.8 23.8

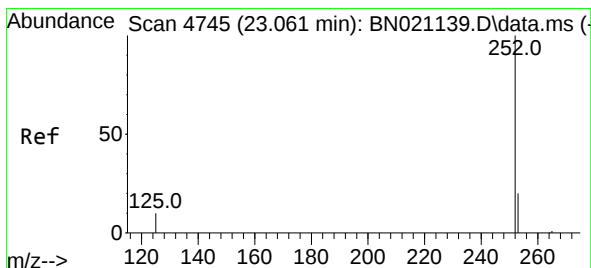
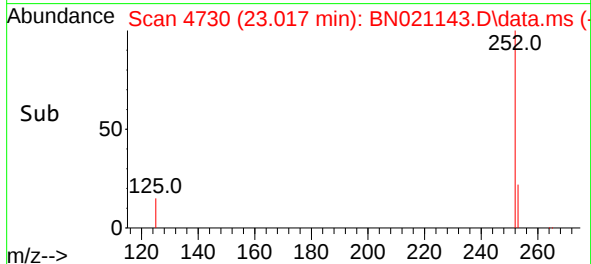
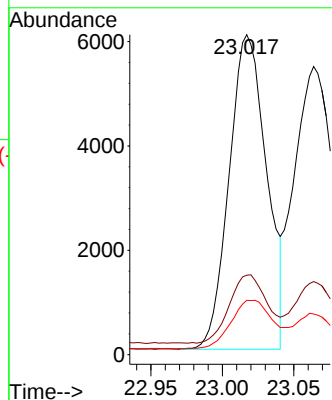
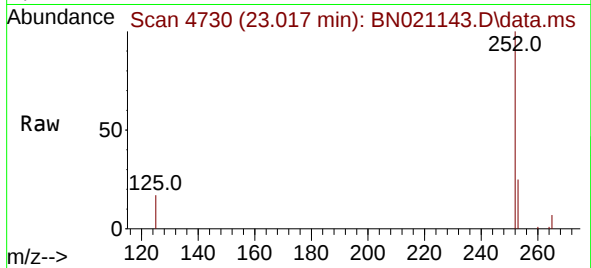




#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.017 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

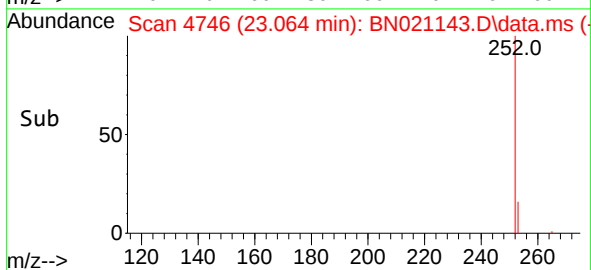
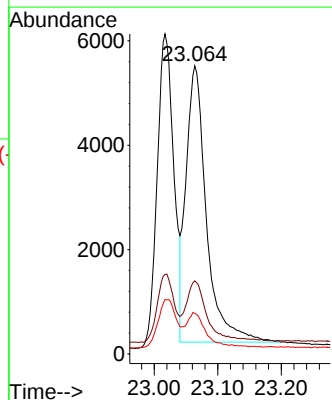
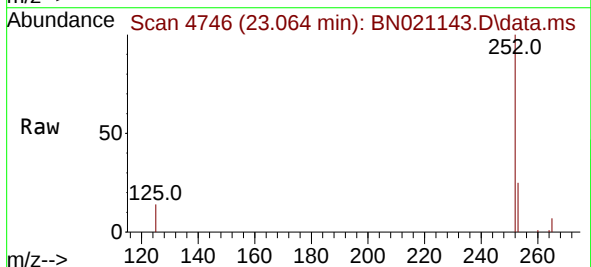
Instrument :
BNA_N
ClientSampleId :
SLCS920

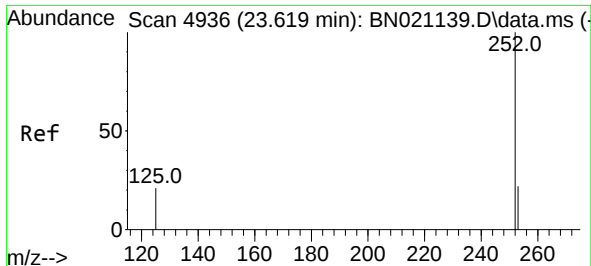
Tgt Ion:252 Resp: 11012
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.8
125 17.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:252 Resp: 11851
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 14.1 11.8 17.6

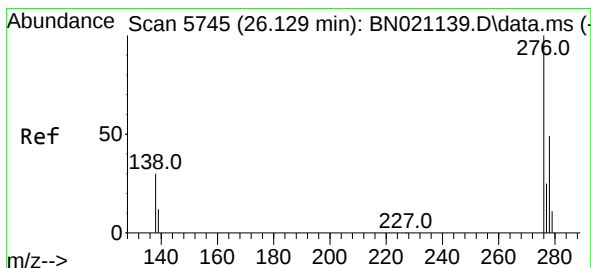
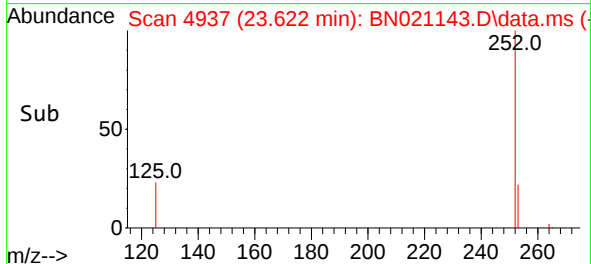
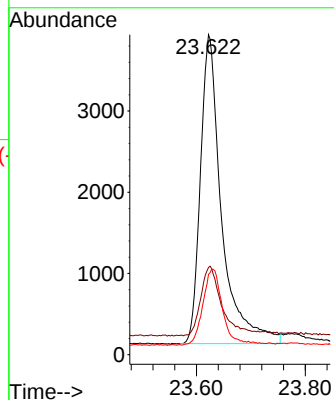
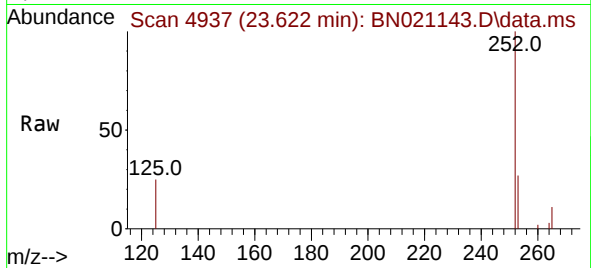




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.622 min Scan# 4937
Delta R.T. -0.012 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

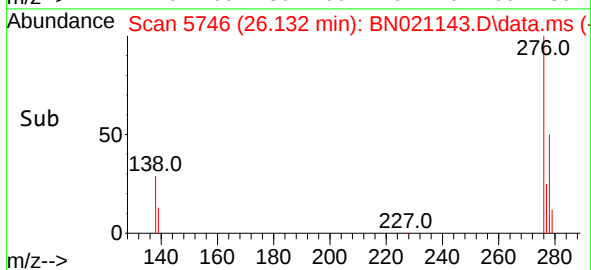
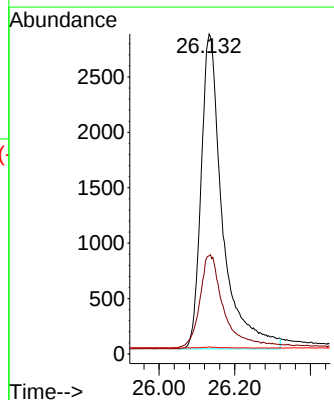
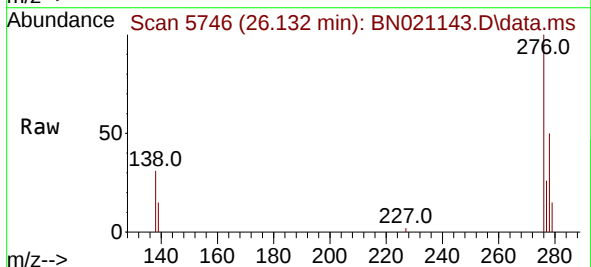
Instrument :
BNA_N
ClientSampleId :
SLCS920

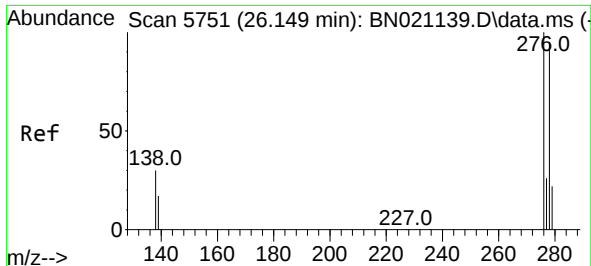
Tgt Ion:252 Resp: 10272
Ion Ratio Lower Upper
252 100
253 27.3 22.1 33.1
125 25.1 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:276 Resp: 11188
Ion Ratio Lower Upper
276 100
138 33.4 26.1 39.1
227 0.1 0.1 0.1#

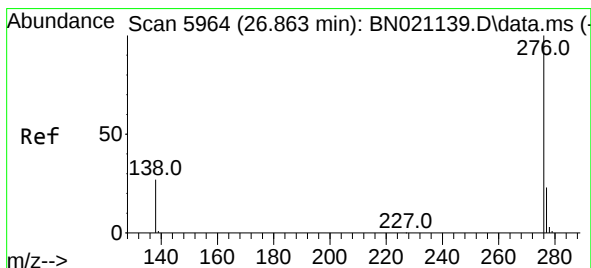
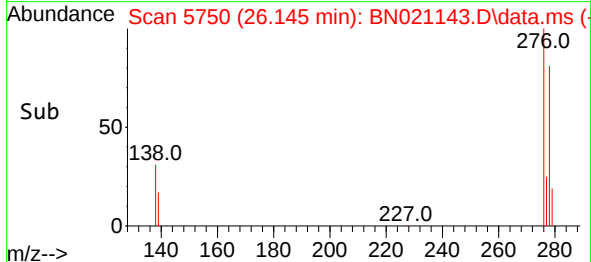
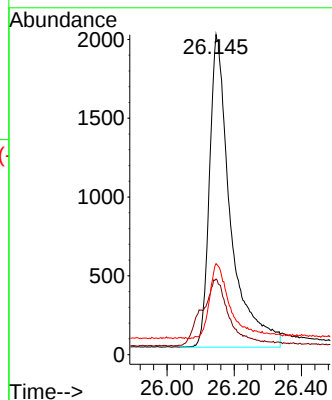
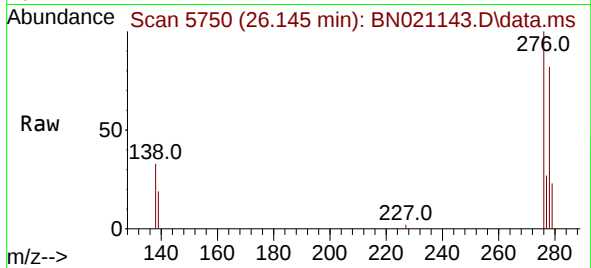




#28
Dibenzo(a,h)anthracene
Concen: 0.249 ng/ul
RT: 26.145 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Instrument :
BNA_N
ClientSampleId :
SLCS920

Tgt Ion:278 Resp: 8586
Ion Ratio Lower Upper
278 100
139 23.6 18.3 27.5
279 28.4 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 26.867 min Scan# 5965
Delta R.T. -0.021 min
Lab File: BN021143.D
Acq: 11 Aug 2022 11:33

Tgt Ion:276 Resp: 9979
Ion Ratio Lower Upper
276 100
138 29.4 22.6 34.0
277 25.4 20.2 30.2

