

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021051.D
 Acq On : 06 Aug 2022 06:55
 Operator : CG/JU
 Sample : PB146766BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS766

Quant Time: Aug 08 01:30:32 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

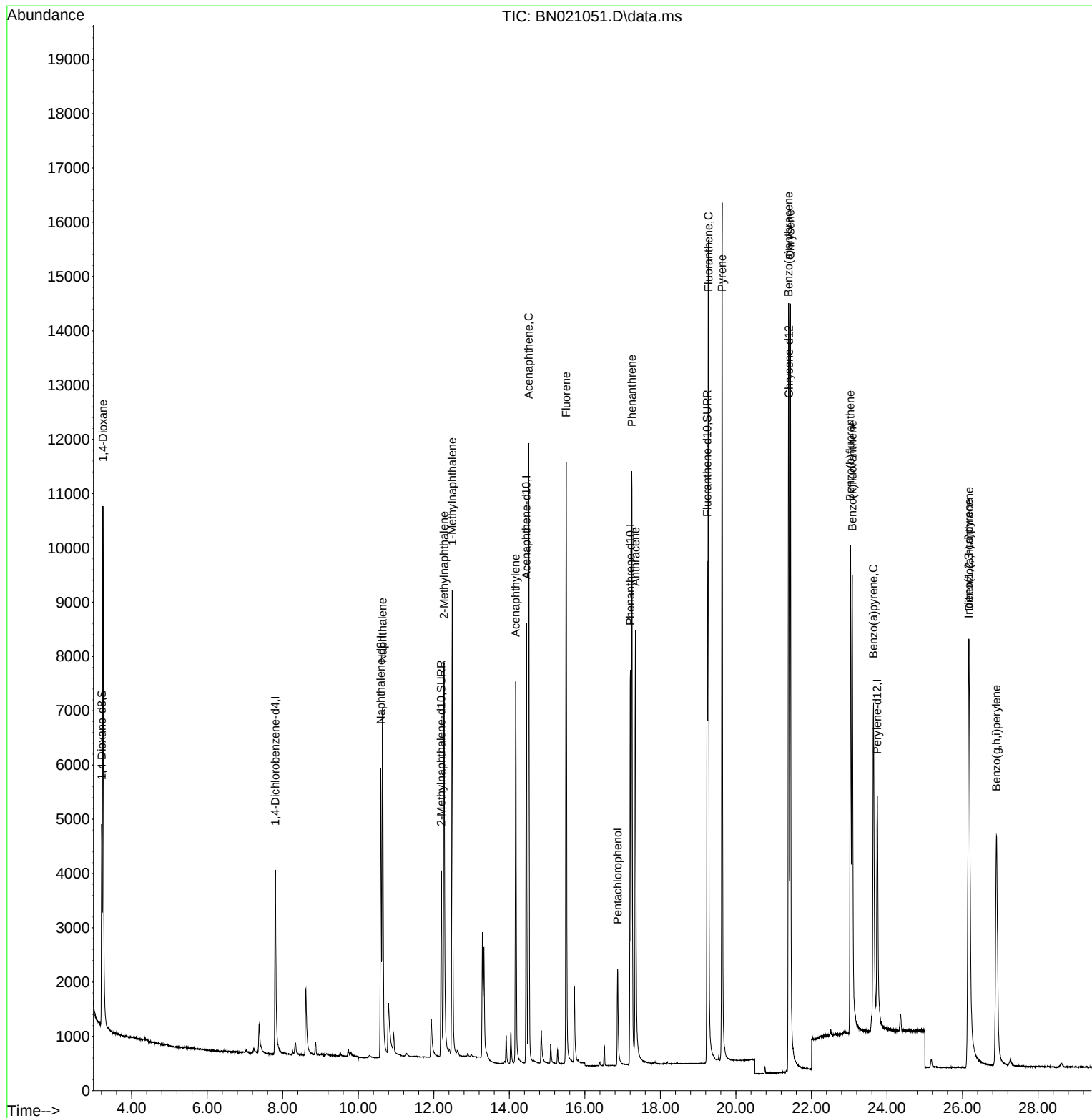
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	2476	0.400	ng/ul	0.00
4) Naphthalene-d8	10.596	136	8420	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.452	164	4786	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	9307	0.400	ng/ul	0.00
17) Chrysene-d12	21.407	240	7886	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	6581	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	2505	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	5359	0.434	ng/ul	-0.01
18) Fluoranthene-d10	19.240	212	11382	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	6474	1.984	ng/ul#	83
5) Naphthalene	10.646	128	10275	0.397	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	6377	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.488	142	6487	0.413	ng/ul	100
10) Acenaphthylene	14.170	152	9247	0.413	ng/ul	99
11) Acenaphthene	14.512	153	7243	0.391	ng/ul	98
12) Fluorene	15.507	166	8035	0.397	ng/ul	98
14) Pentachlorophenol	16.868	266	1562	1.088	ng/ul	100
15) Phenanthrene	17.243	178	13075	0.393	ng/ul	100
16) Anthracene	17.341	178	11049	0.428	ng/ul	98
19) Fluoranthene	19.273	202	14602	0.418	ng/ul	98
20) Pyrene	19.635	202	15100	0.419	ng/ul	100
21) Benzo(a)anthracene	21.392	228	11589	0.450	ng/ul	100
22) Chrysene	21.442	228	13644	0.403	ng/ul	99
24) Benzo(b)fluoranthene	23.032	252	12321	0.404	ng/ul	99
25) Benzo(k)fluoranthene	23.081	252	12745	0.396	ng/ul	99
26) Benzo(a)pyrene	23.643	252	11537	0.415	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.162	276	12109	0.365	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.176	278	9731	0.371	ng/ul	97
29) Benzo(g,h,i)perylene	26.900	276	10659	0.360	ng/ul	100

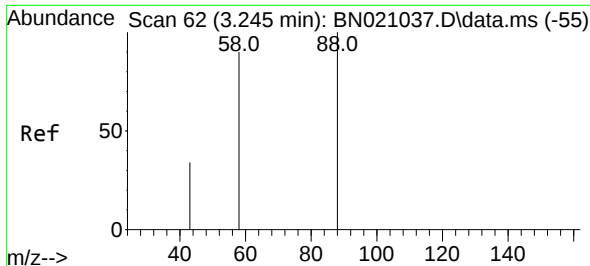
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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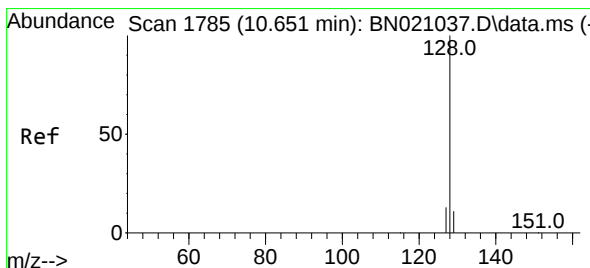
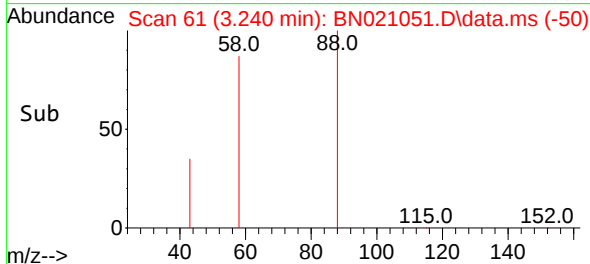
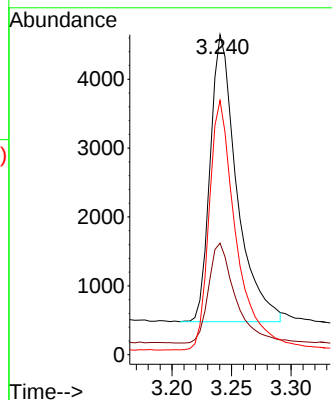
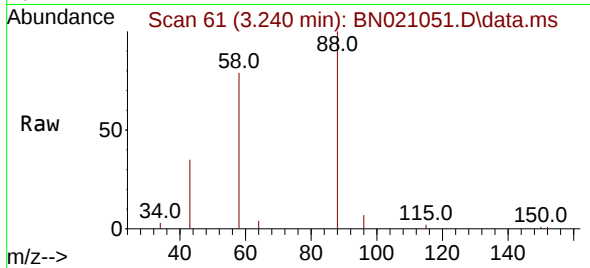




#2
1,4-Dioxane
Concen: 1.984 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

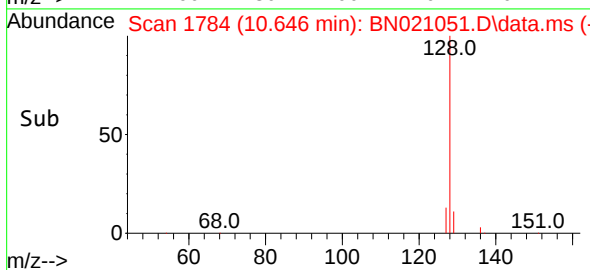
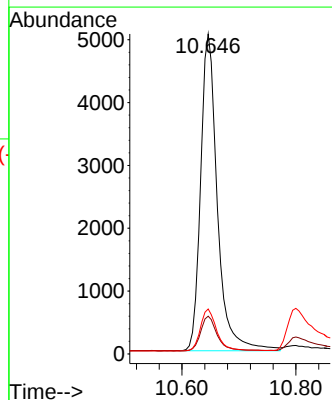
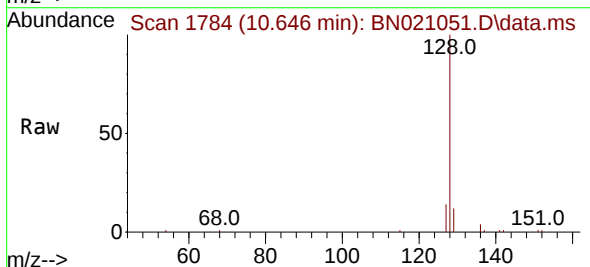
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BNA_N
ClientSampleId :
SLCS766

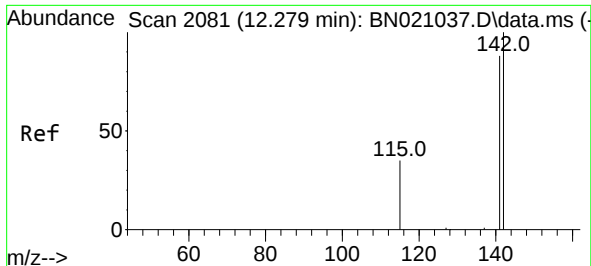
Tgt Ion: 88 Resp: 6474
Ion Ratio Lower Upper
88 100
43 34.8 31.4 47.0
58 79.5 49.0 73.6#



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:128 Resp: 10275
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.1 11.6 17.4

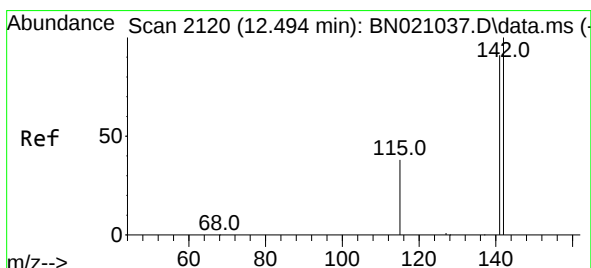
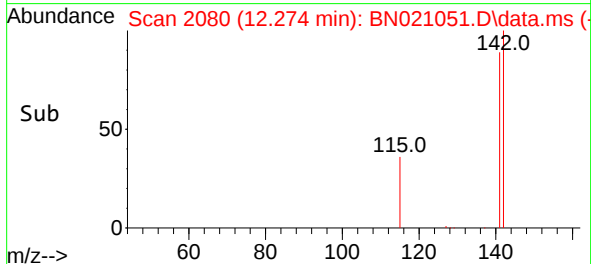
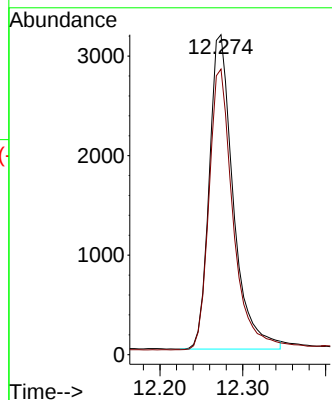
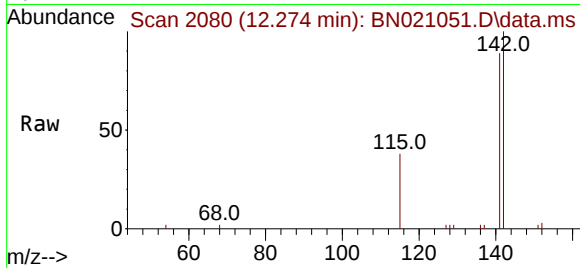




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

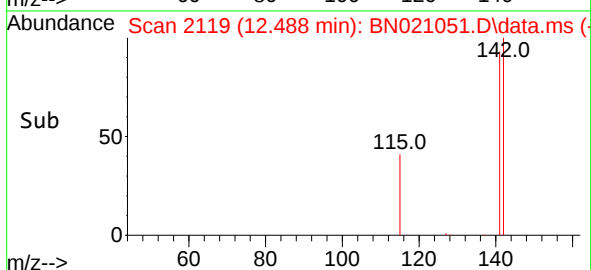
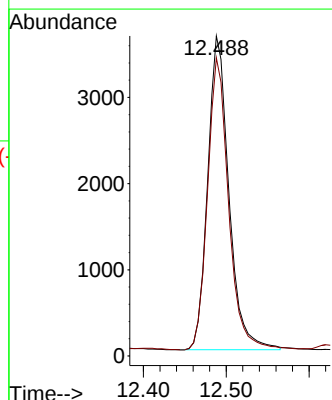
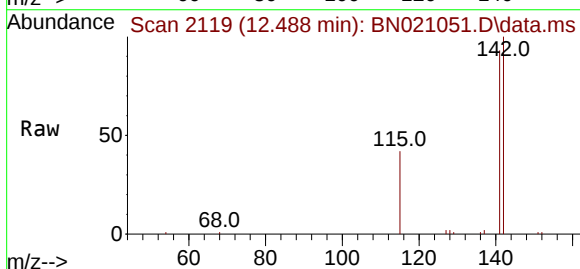
Instrument :
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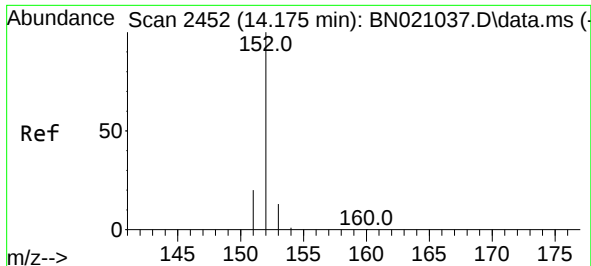
Tgt Ion:142 Resp: 6377
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:142 Resp: 6487
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

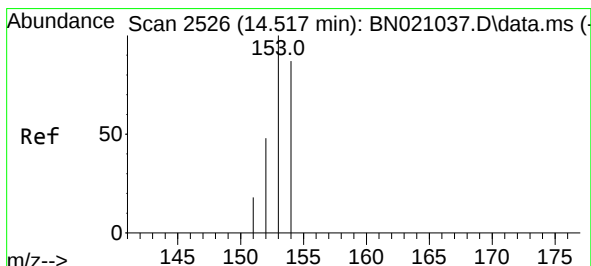
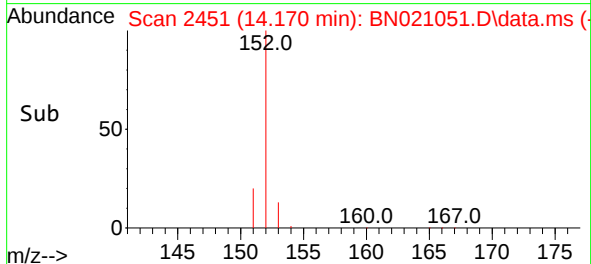
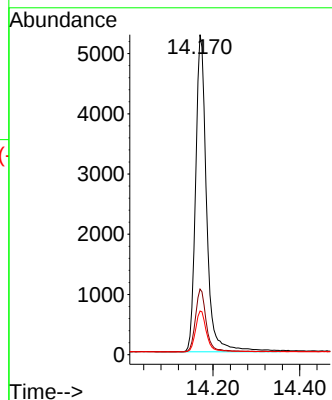
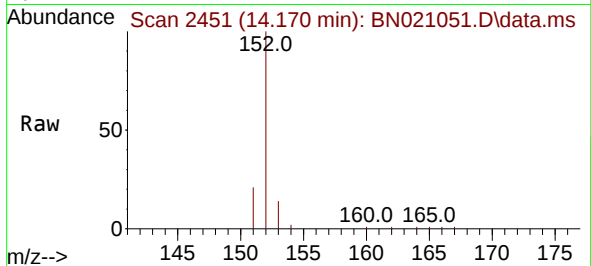




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.170 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

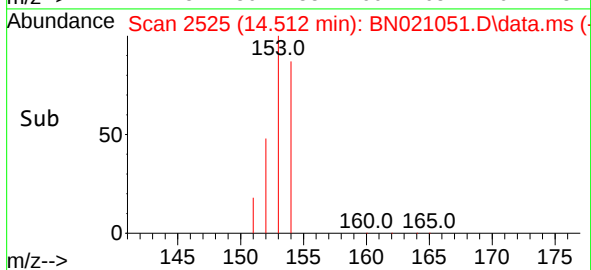
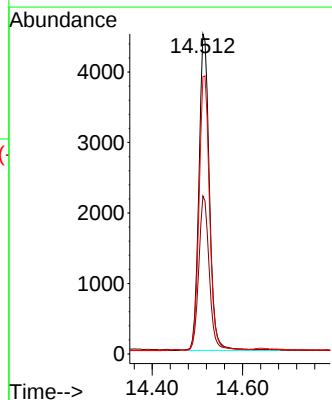
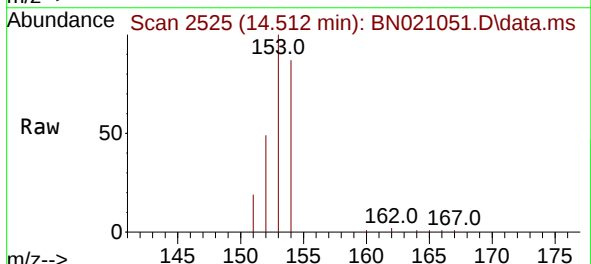
Instrument :
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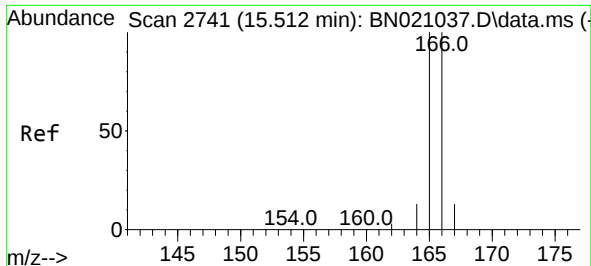
Tgt Ion:152 Resp: 9247
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. -0.009 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:153 Resp: 7243
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.7 70.7 106.1

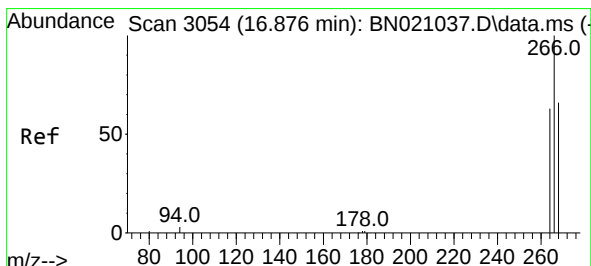
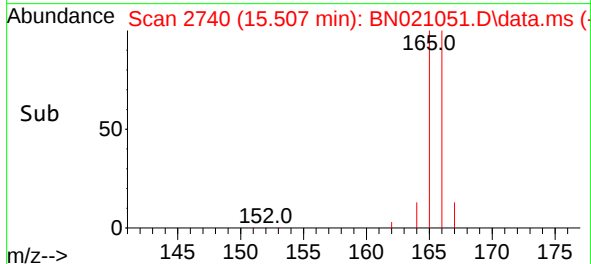
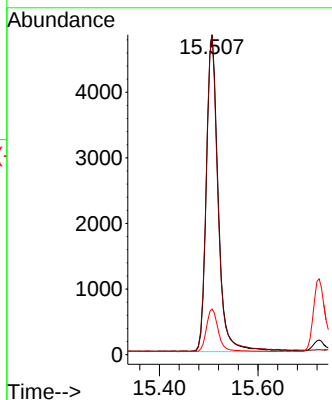
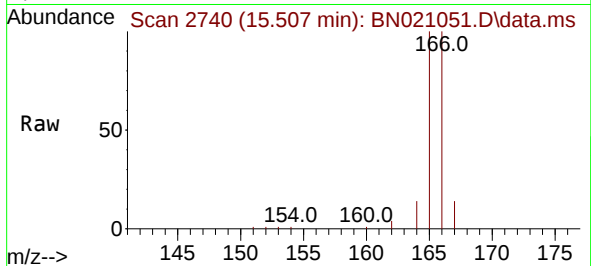




#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

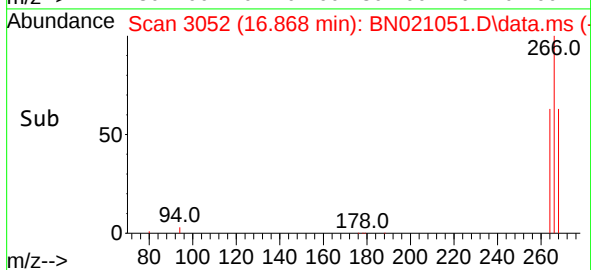
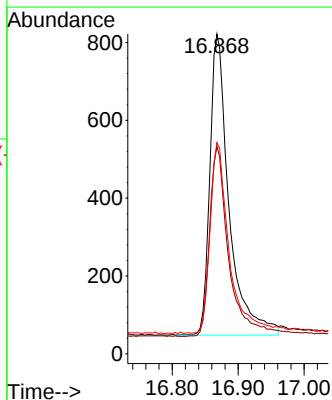
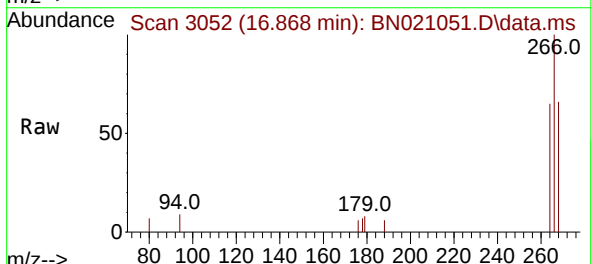
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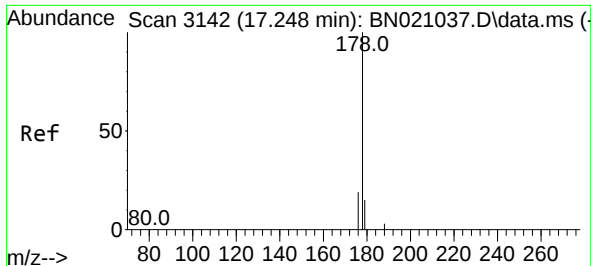
Tgt Ion:166 Resp: 8035
Ion Ratio Lower Upper
166 100
165 99.8 78.6 117.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 1.088 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. -0.012 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:266 Resp: 1562
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 62.9 50.6 75.8

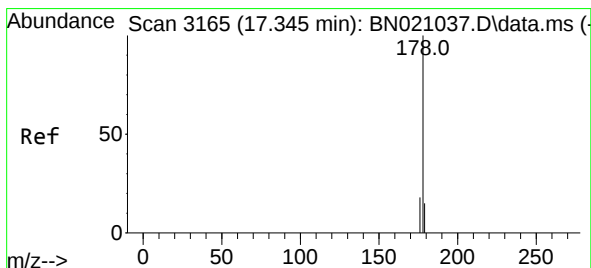
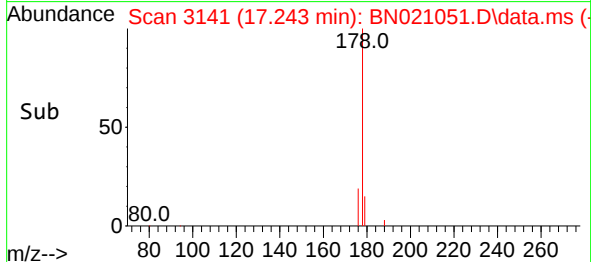
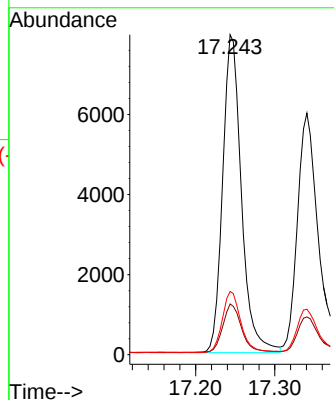
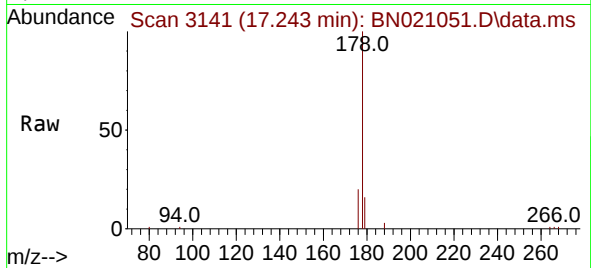




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.243 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

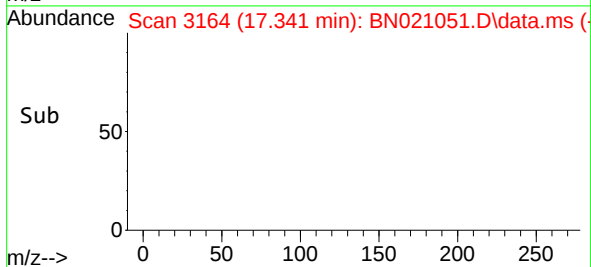
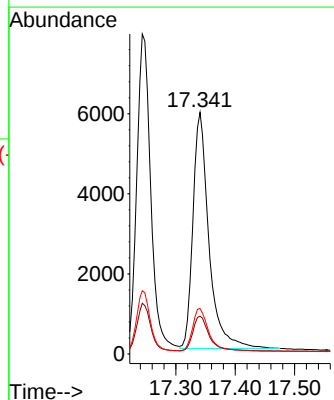
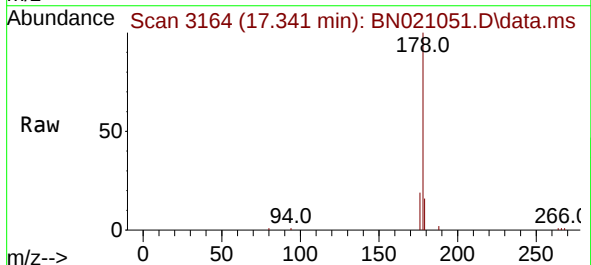
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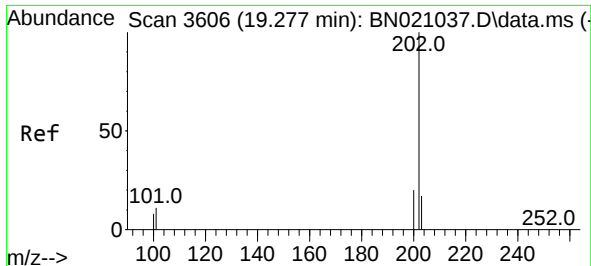
Tgt Ion:178 Resp: 13075
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.341 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:178 Resp: 11049
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 18.8 15.9 23.9

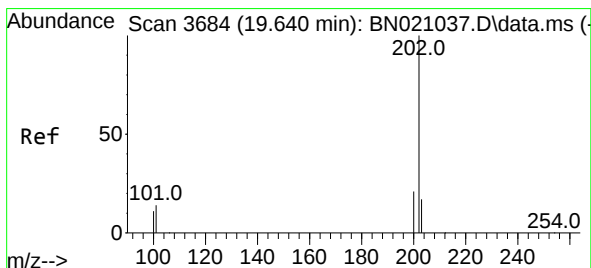
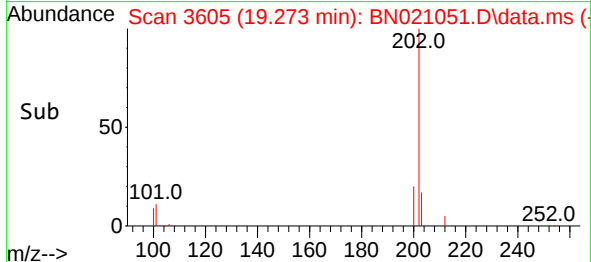
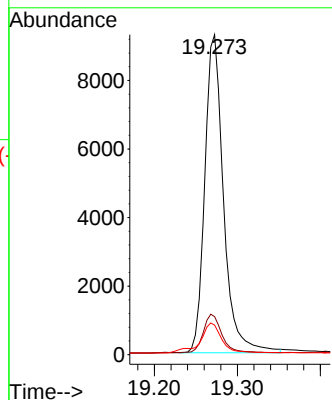
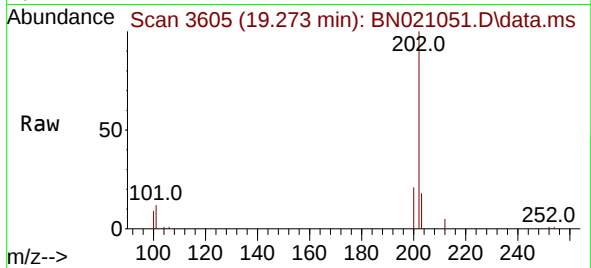




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.273 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

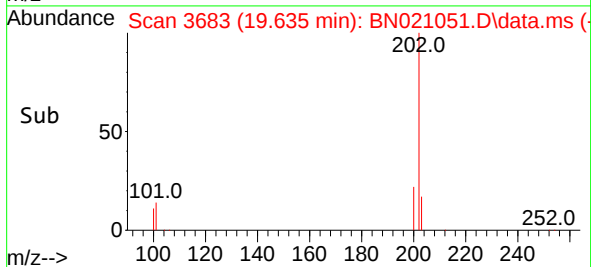
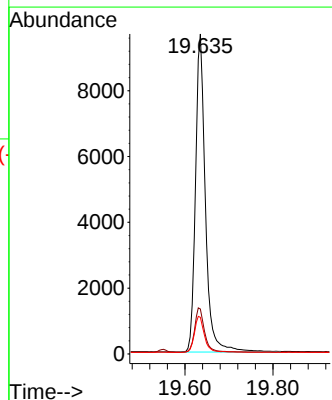
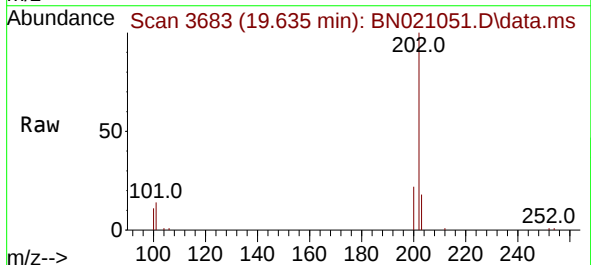
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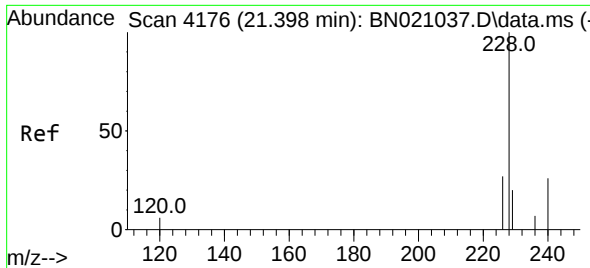
Tgt Ion:202 Resp: 14602
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.2 8.0 12.0



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.635 min Scan# 3683
Delta R.T. -0.009 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:202 Resp: 15100
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.4 9.0 13.4

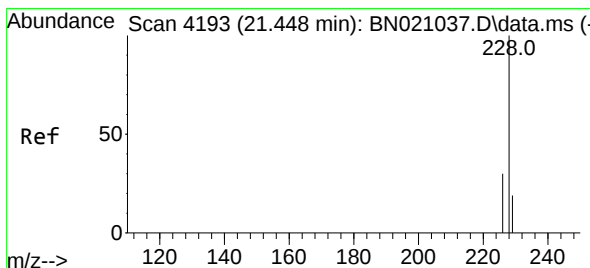
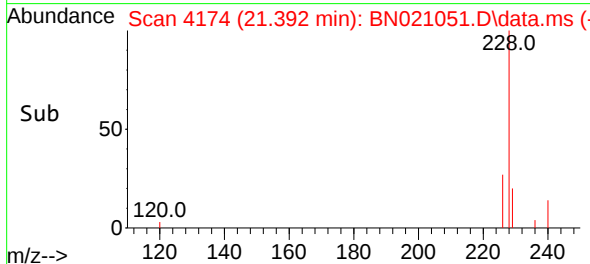
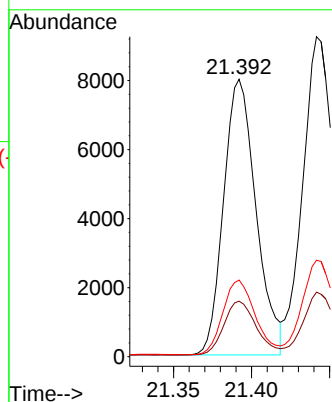
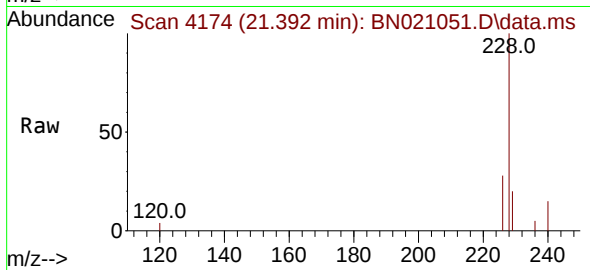




#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.392 min Scan# 4176
Delta R.T. -0.014 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

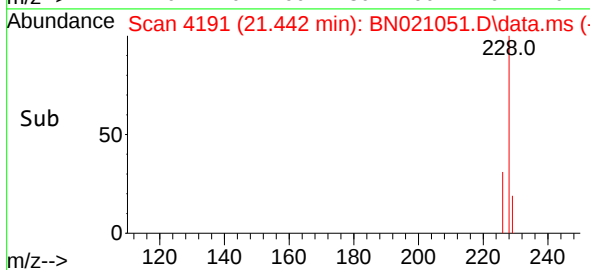
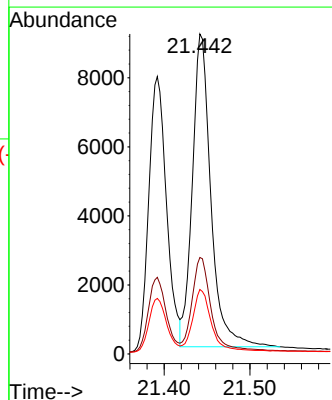
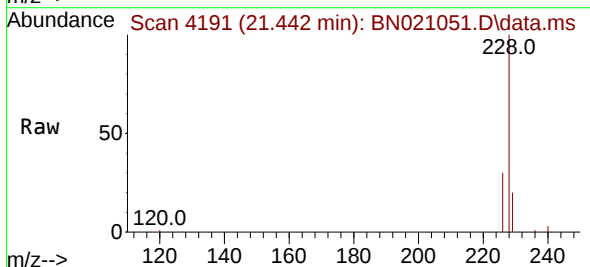
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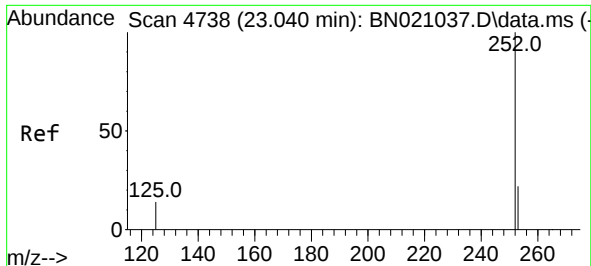
Tgt Ion:228 Resp: 11589
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.442 min Scan# 4191
Delta R.T. -0.017 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:228 Resp: 13644
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 20.2 15.8 23.8

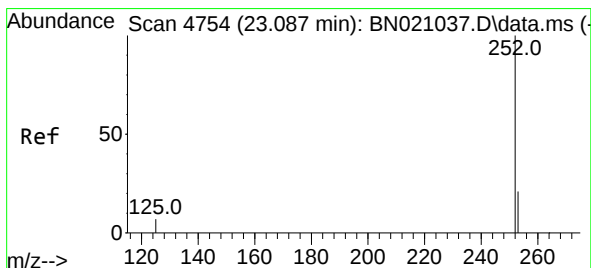
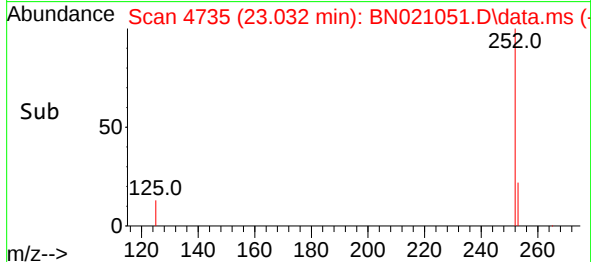
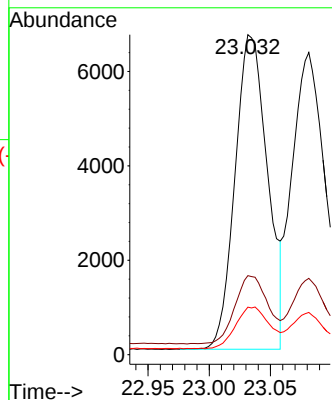
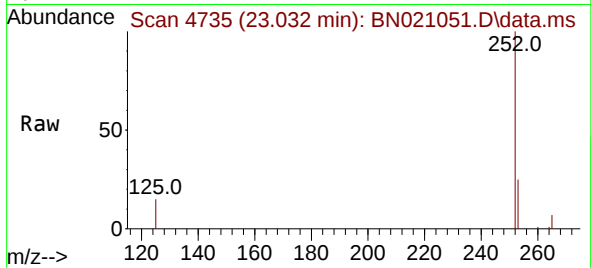




#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.032 min Scan# 4735
Delta R.T. -0.020 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

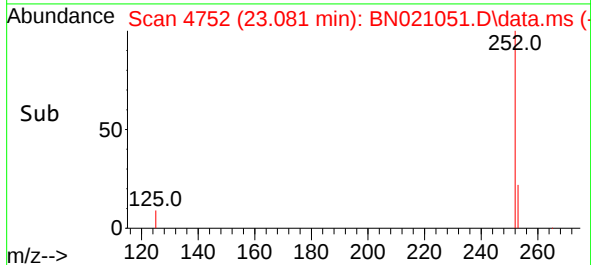
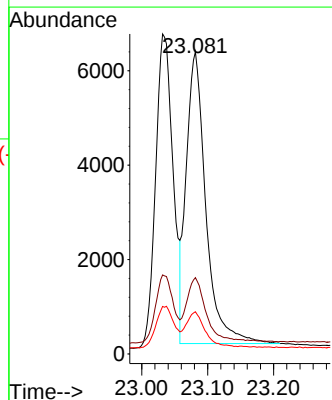
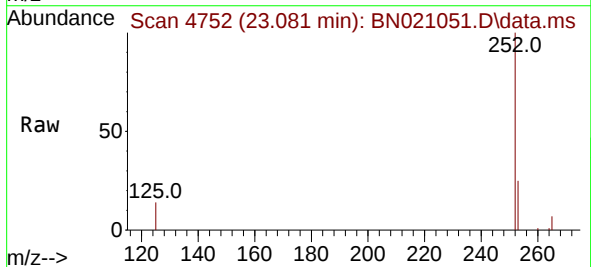
Instrument :
BNA_N
ClientSampleId :
SLCS766

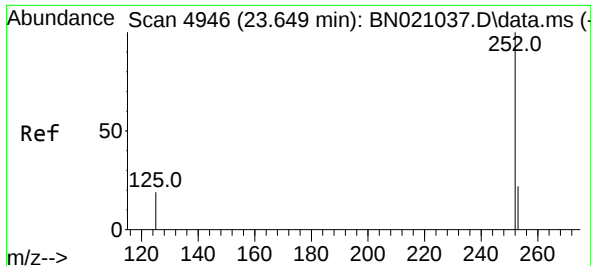
Tgt Ion:252 Resp: 12321
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.8
125 14.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.081 min Scan# 4752
Delta R.T. -0.017 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

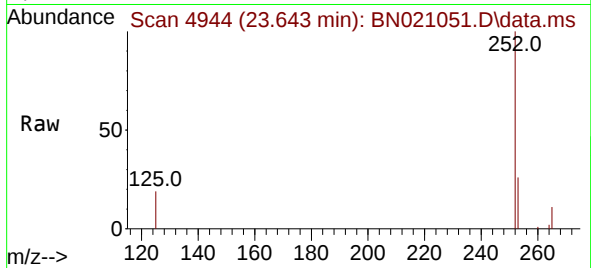
Tgt Ion:252 Resp: 12745
Ion Ratio Lower Upper
252 100
253 25.3 20.6 31.0
125 14.0 11.8 17.6



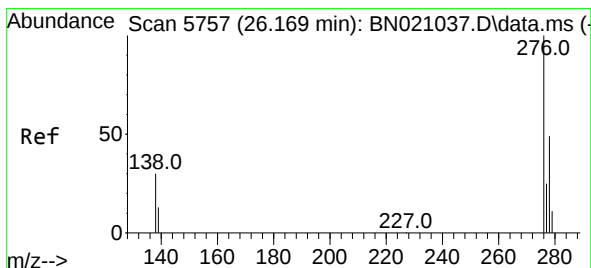
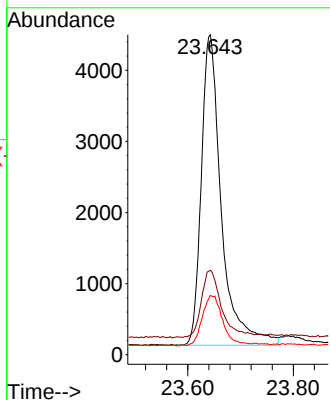
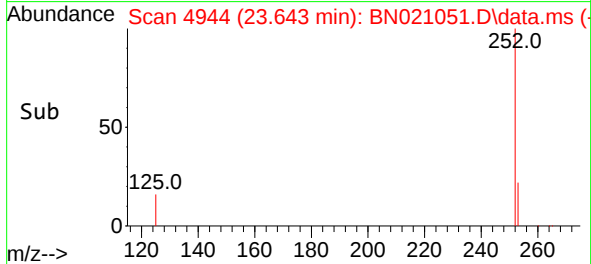


#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.643 min Scan# 4944
Delta R.T. -0.017 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Instrument :
BNA_N
ClientSampleId :
SLCS766

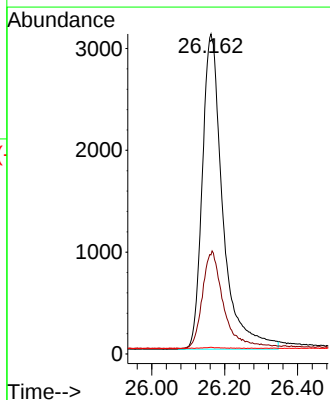
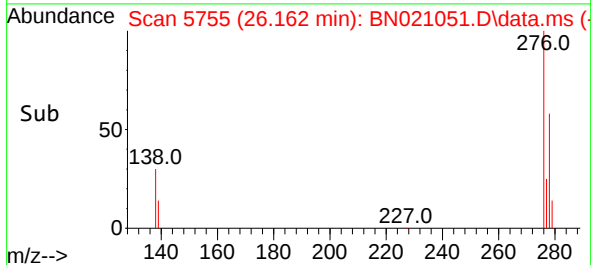
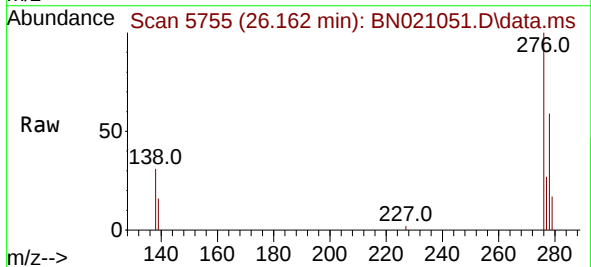


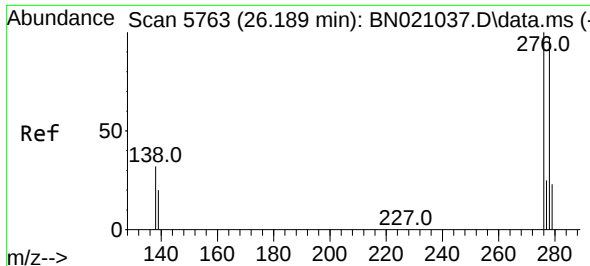
Tgt Ion:252 Resp: 11537
Ion Ratio Lower Upper
252 100
253 26.4 22.1 33.1
125 18.5 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.162 min Scan# 5755
Delta R.T. -0.023 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:276 Resp: 12109
Ion Ratio Lower Upper
276 100
138 32.2 26.1 39.1
227 0.2 0.1 0.1#

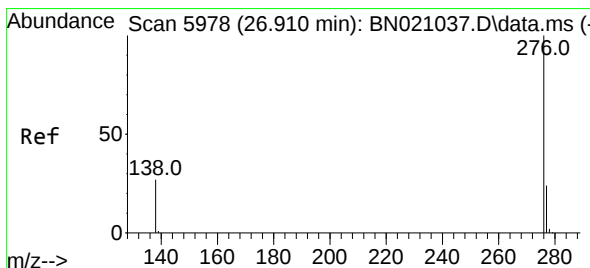
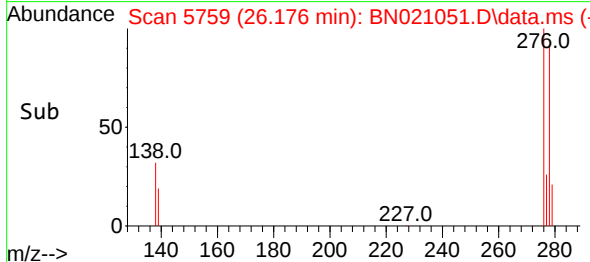
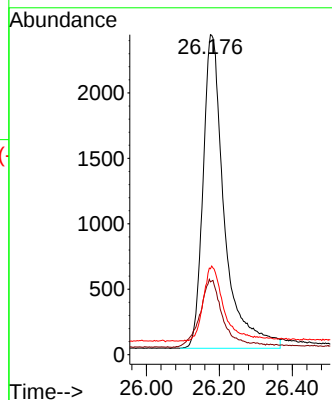
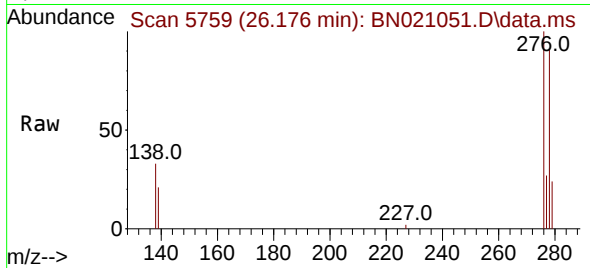




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.176 min Scan# 51
Delta R.T. -0.033 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Instrument :
BNA_N
ClientSampleId :
SLCS766

Tgt Ion:278 Resp: 9731
Ion Ratio Lower Upper
278 100
139 22.8 18.3 27.5
279 26.9 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.900 min Scan# 5975
Delta R.T. -0.030 min
Lab File: BN021051.D
Acq: 06 Aug 2022 06:55

Tgt Ion:276 Resp: 10659
Ion Ratio Lower Upper
276 100
138 28.2 22.6 34.0
277 25.3 20.2 30.2

