

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021052.D
 Acq On : 06 Aug 2022 07:32
 Operator : CG/JU
 Sample : PB146768BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS768

Quant Time: Aug 08 01:31:45 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)

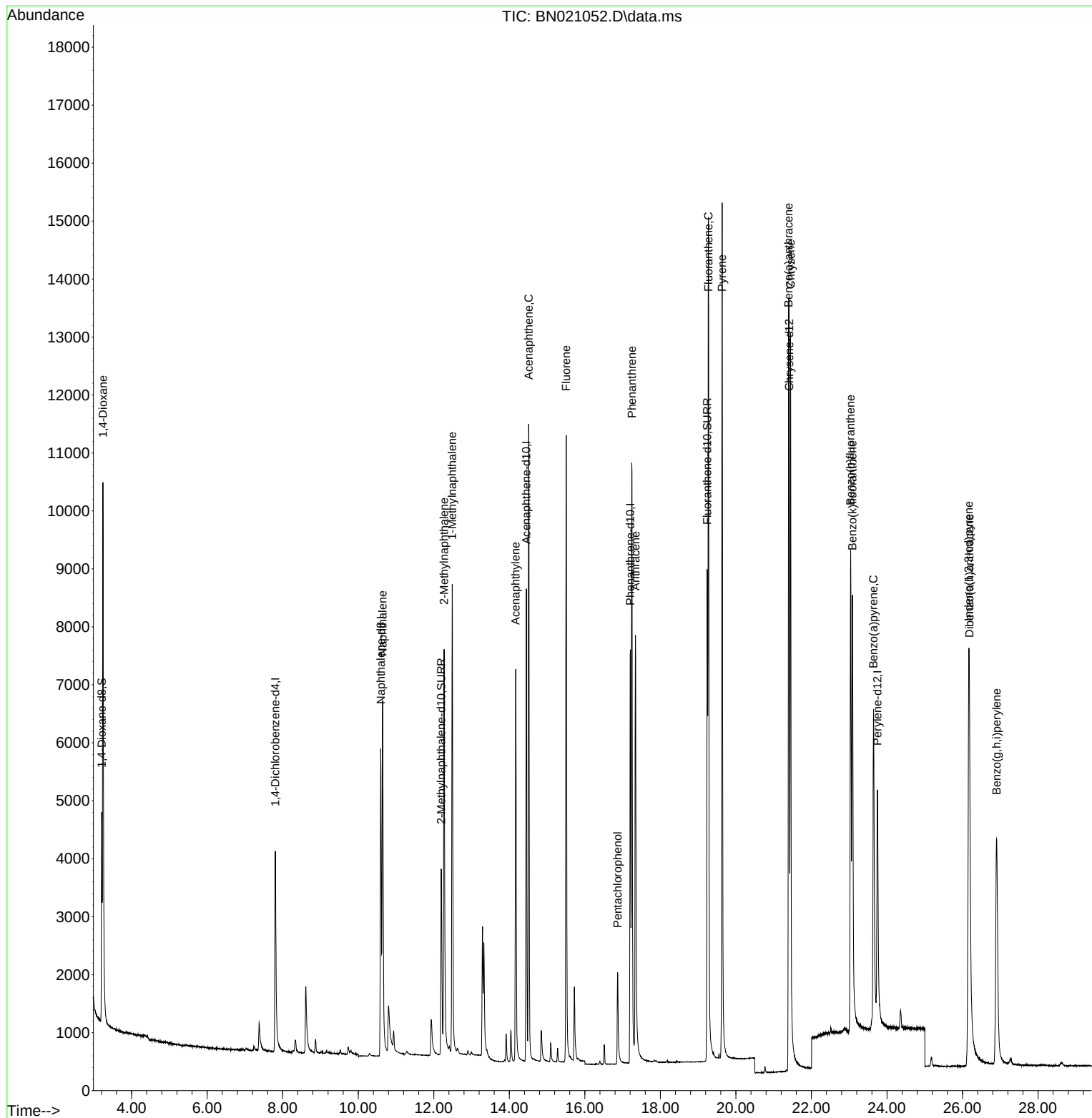
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	2538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.596	136	8339	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.452	164	4734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	9173	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	7576	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	6298	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	2466	0.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	5098	0.417	ng/ul	-0.01
18) Fluoranthene-d10	19.240	212	10765	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	6350	1.899	ng/ul#	82
5) Naphthalene	10.646	128	9926	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	6129	0.394	ng/ul	99
8) 1-Methylnaphthalene	12.488	142	6265	0.403	ng/ul	100
10) Acenaphthylene	14.170	152	8771	0.396	ng/ul	99
11) Acenaphthene	14.512	153	6944	0.379	ng/ul	98
12) Fluorene	15.507	166	7719	0.386	ng/ul	100
14) Pentachlorophenol	16.868	266	1387	0.981	ng/ul	99
15) Phenanthrene	17.243	178	12492	0.381	ng/ul	100
16) Anthracene	17.340	178	10422	0.410	ng/ul	99
19) Fluoranthene	19.272	202	13839	0.413	ng/ul	99
20) Pyrene	19.635	202	14340	0.414	ng/ul	98
21) Benzo(a)anthracene	21.395	228	10562	0.427	ng/ul	100
22) Chrysene	21.447	228	12782	0.393	ng/ul	99
24) Benzo(b)fluoranthene	23.037	252	11642	0.399	ng/ul	99
25) Benzo(k)fluoranthene	23.084	252	11755	0.382	ng/ul	99
26) Benzo(a)pyrene	23.643	252	10593	0.398	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.165	276	11186	0.352	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.182	278	9025	0.360	ng/ul	98
29) Benzo(g,h,i)perylene	26.903	276	9881	0.349	ng/ul	99

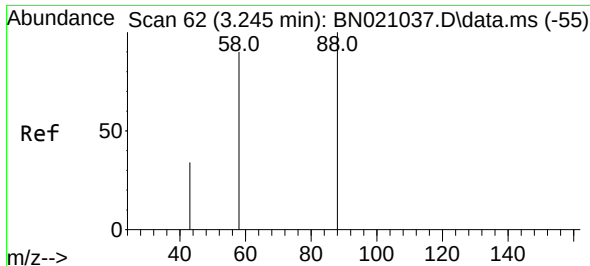
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

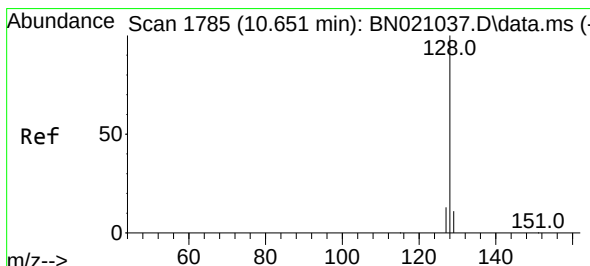
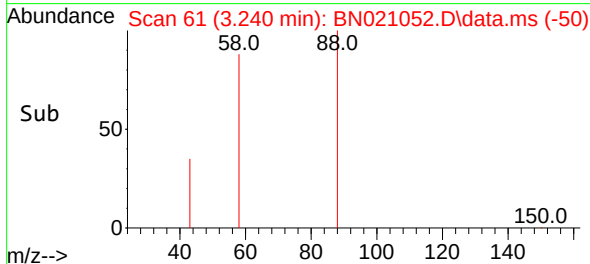
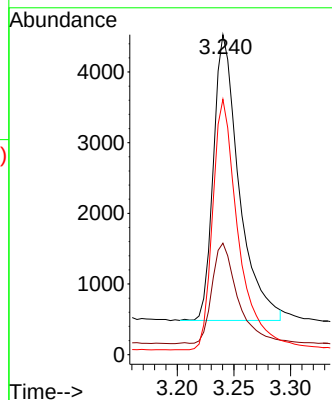
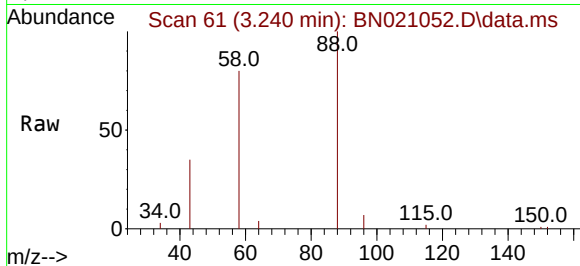




#2
 1,4-Dioxane
 Concen: 1.899 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

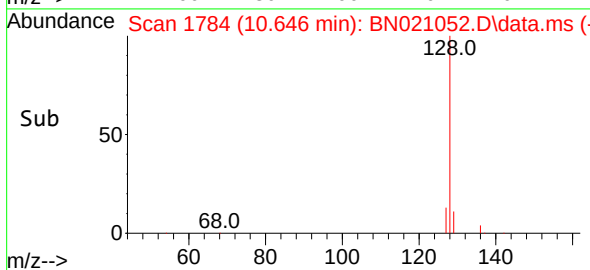
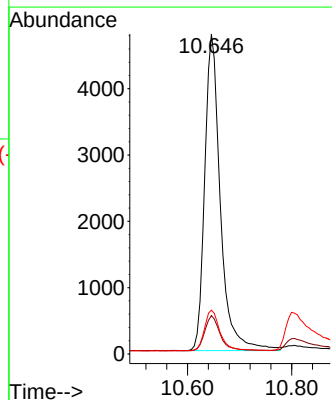
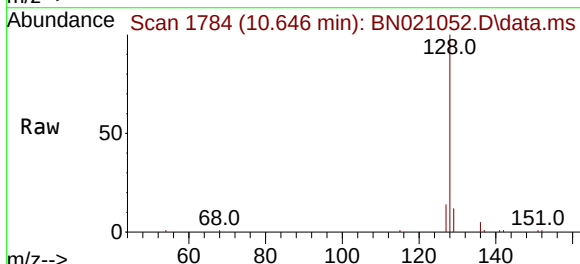
Instrument :
 BNA_N
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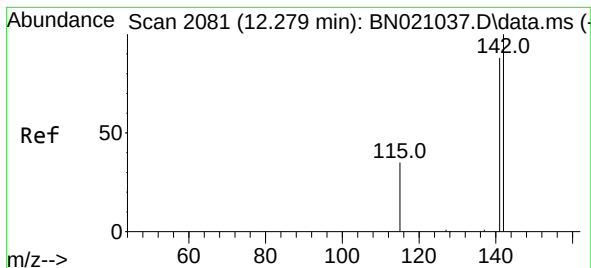
Tgt Ion: 88 Resp: 6350
 Ion Ratio Lower Upper
 88 100
 43 34.9 31.4 47.0
 58 79.8 49.0 73.6#



#5
 Naphthalene
 Concen: 0.387 ng/ul
 RT: 10.646 min Scan# 1784
 Delta R.T. -0.005 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

Tgt Ion:128 Resp: 9926
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.8 14.6
 127 13.7 11.6 17.4

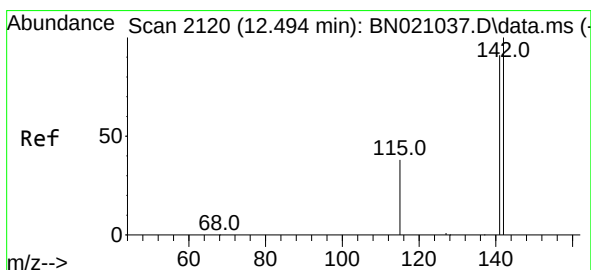
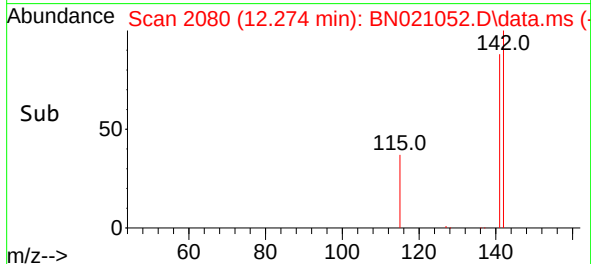
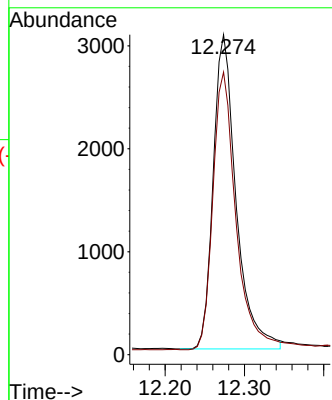
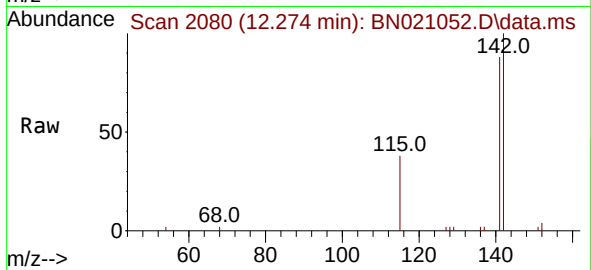




#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

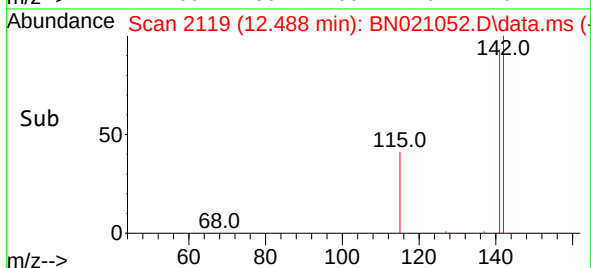
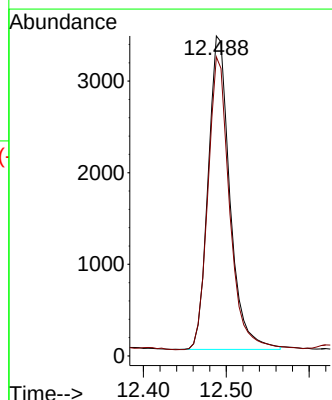
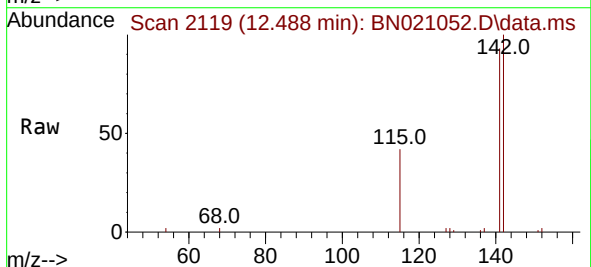
Instrument :
BNA_N
ClientSampleId :
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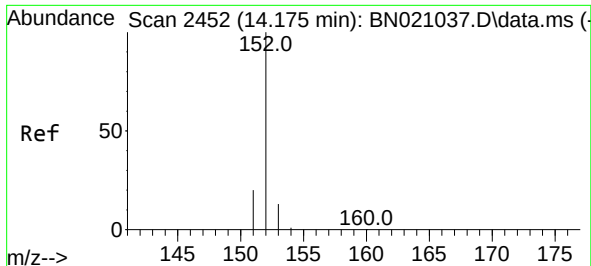
Tgt Ion:142 Resp: 6129
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:142 Resp: 6265
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

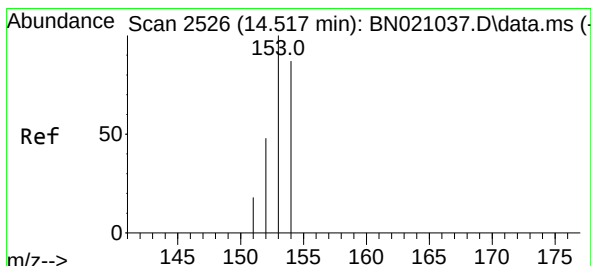
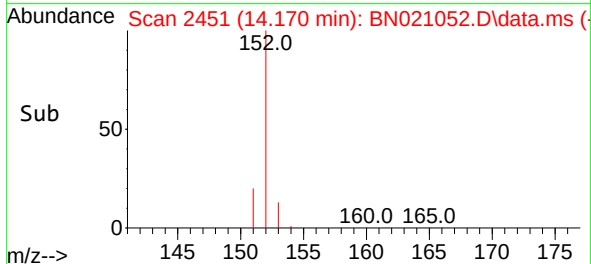
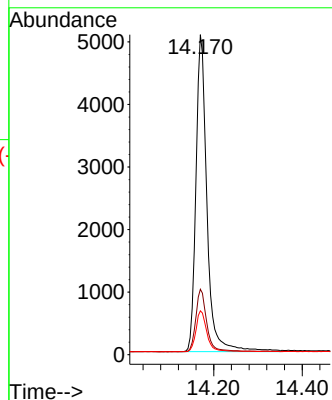
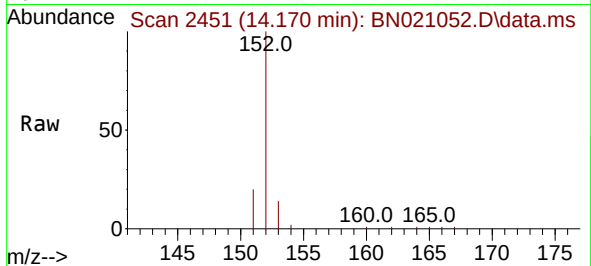




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.170 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

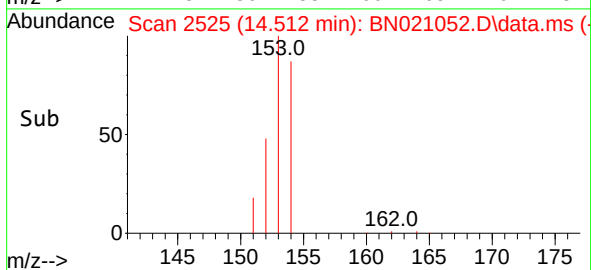
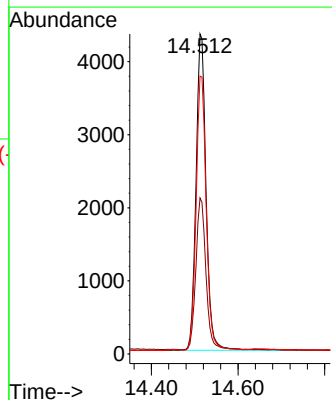
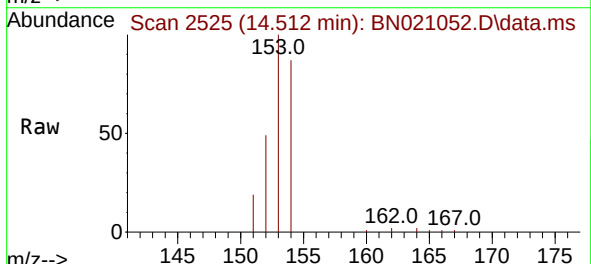
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ClientSampleId :
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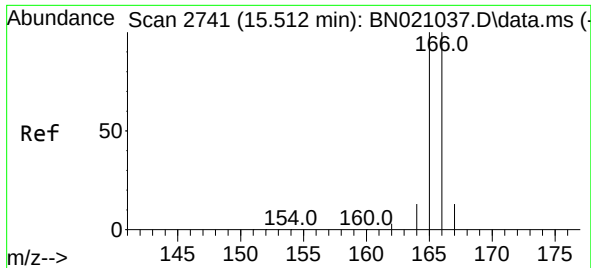
Tgt Ion:152 Resp: 8771
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. -0.009 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:153 Resp: 6944
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 86.8 70.7 106.1

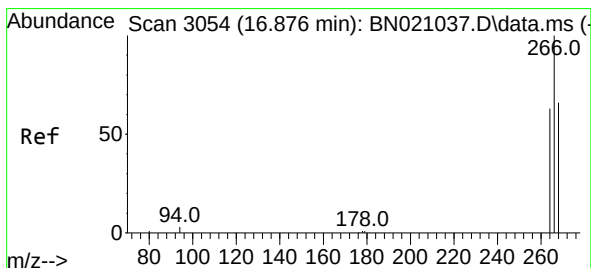
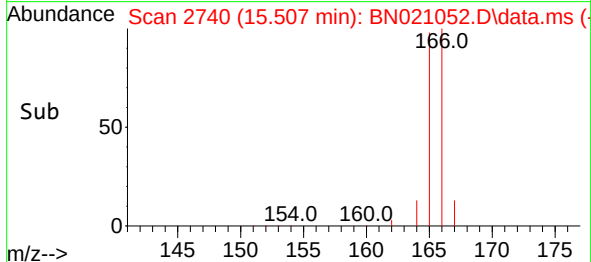
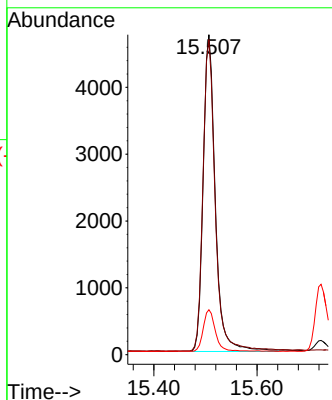
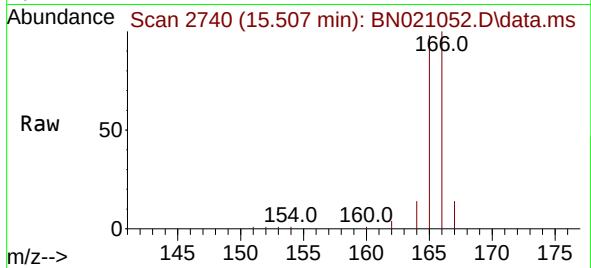




#12
 Fluorene
 Concen: 0.386 ng/ul
 RT: 15.507 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

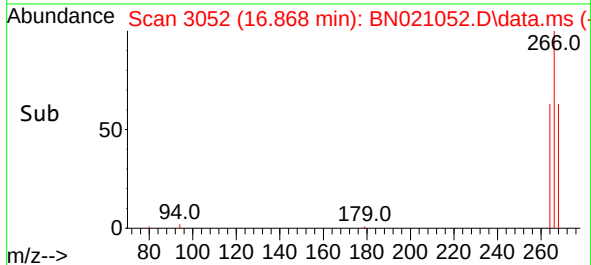
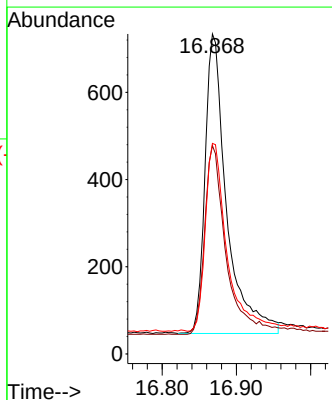
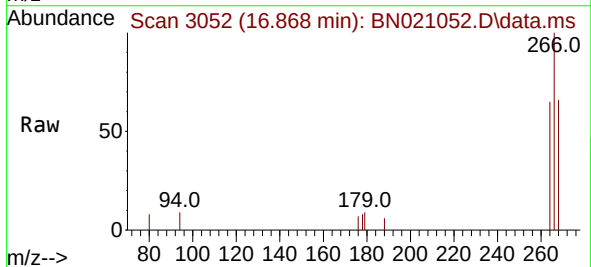
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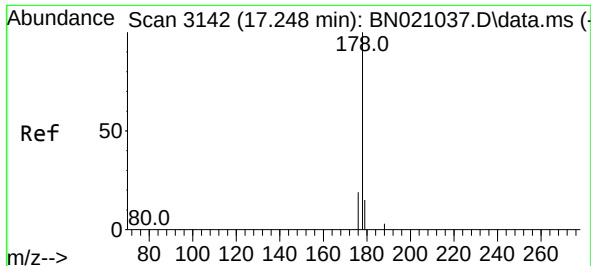
Tgt Ion:166 Resp: 7719
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 117.8
 167 14.0 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.981 ng/ul
 RT: 16.868 min Scan# 3052
 Delta R.T. -0.013 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

Tgt Ion:266 Resp: 1387
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.8 74.8
 268 63.7 50.6 75.8

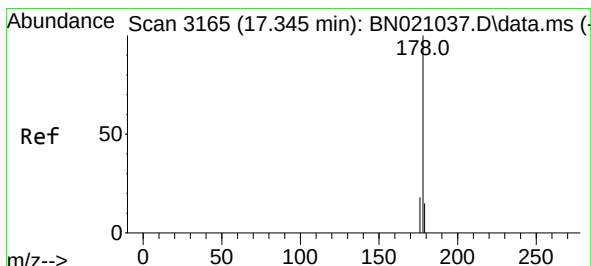
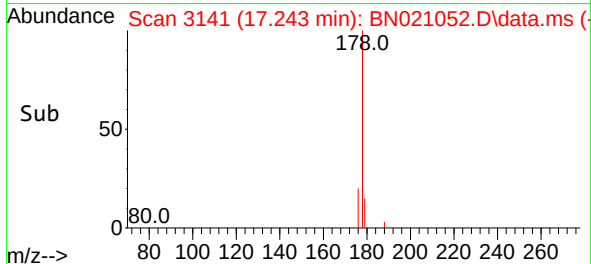
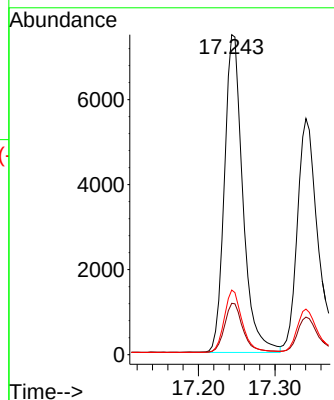
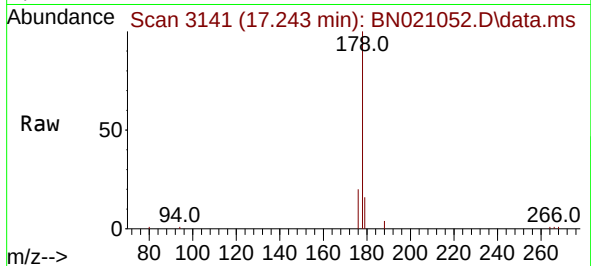




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.243 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

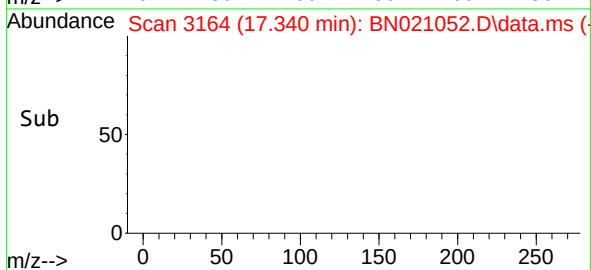
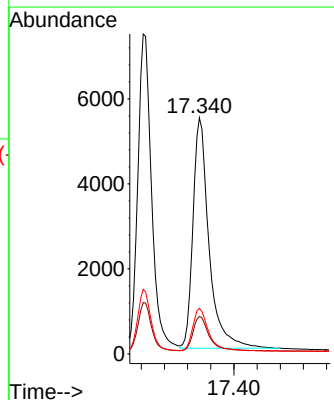
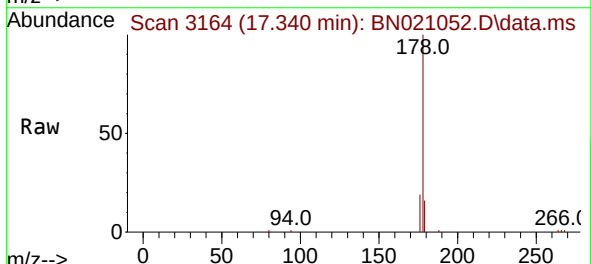
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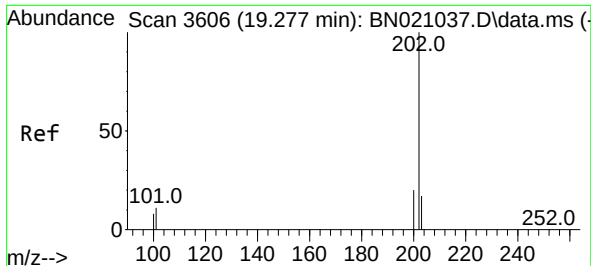
Tgt Ion:178 Resp: 12492
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.2 15.9 23.9



#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:178 Resp: 10422
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.3 15.9 23.9

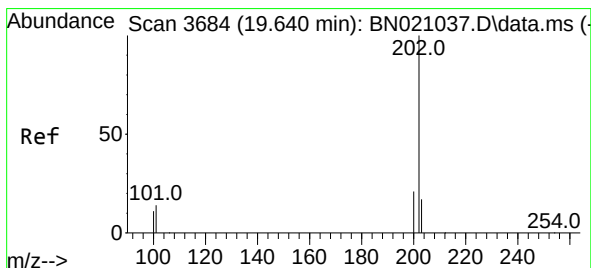
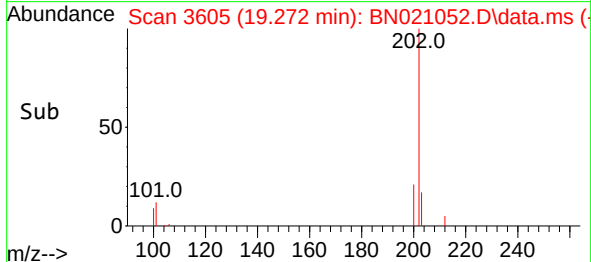
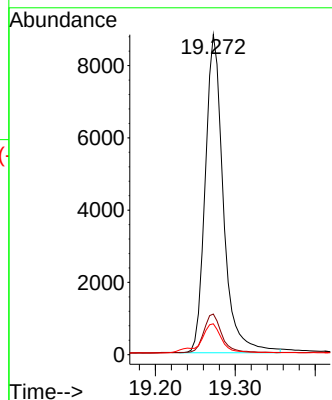
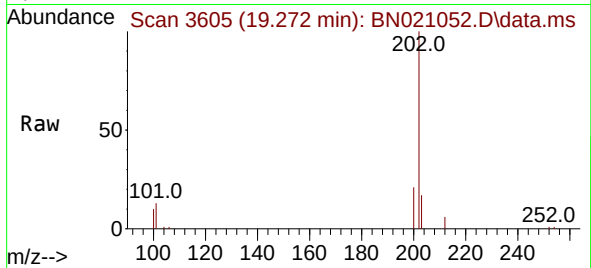




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

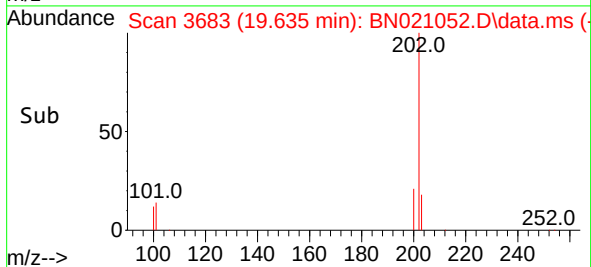
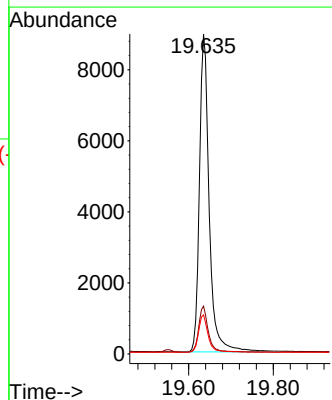
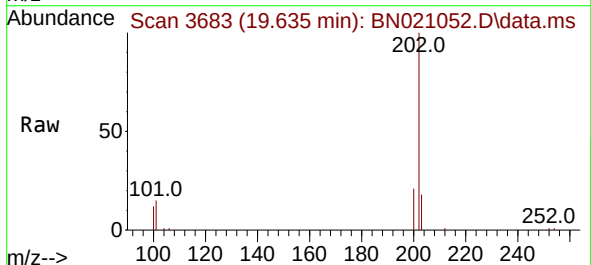
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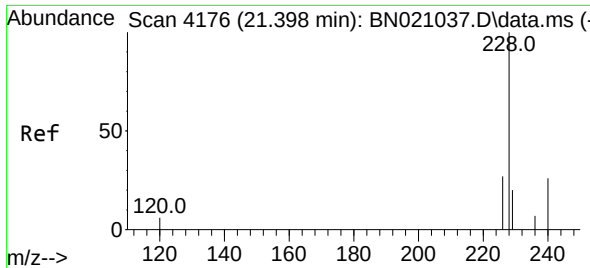
Tgt Ion:202 Resp: 13839
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.635 min Scan# 3683
Delta R.T. -0.009 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:202 Resp: 14340
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.2 9.0 13.4

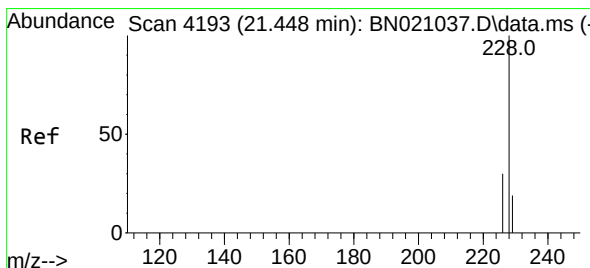
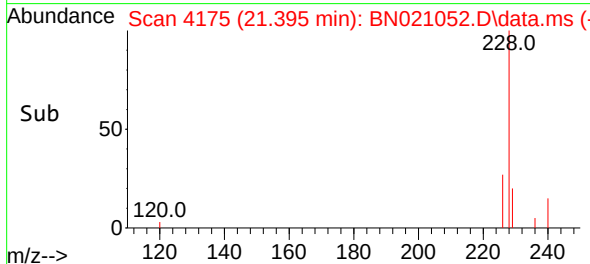
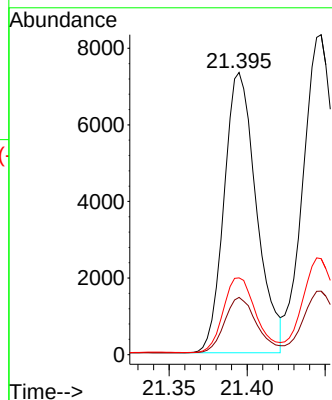
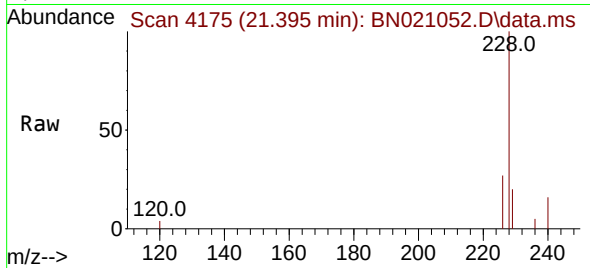




#21
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.395 min Scan# 4176
Delta R.T. -0.012 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

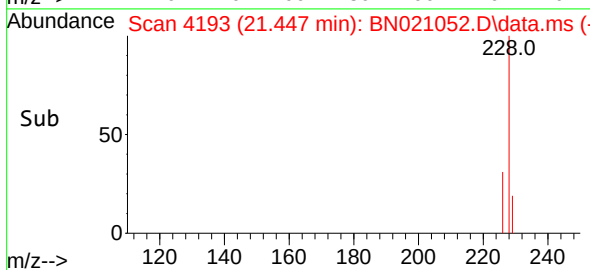
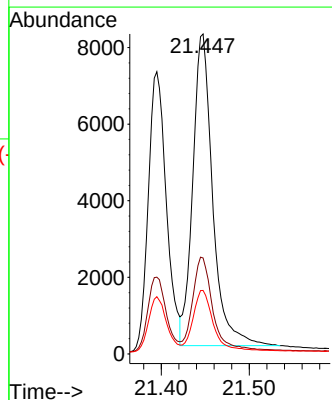
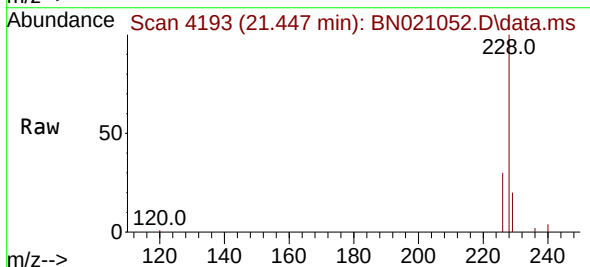
Instrument :
BNA_N
ClientSampleId :
SLCS768

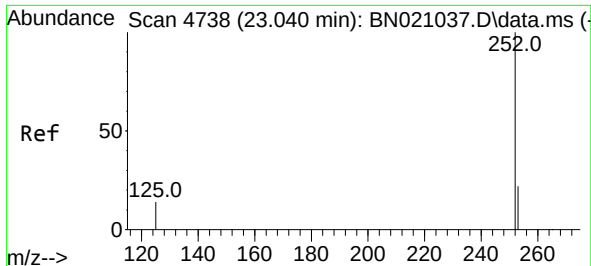
Tgt Ion:228 Resp: 10562
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.2 21.9 32.9



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:228 Resp: 12782
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 19.9 15.8 23.8

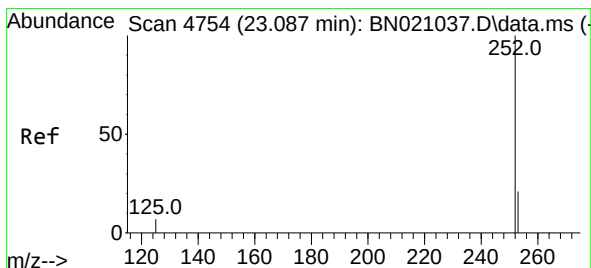
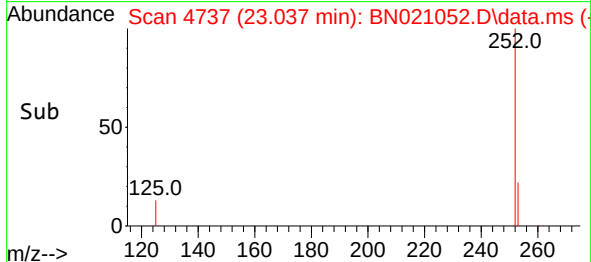
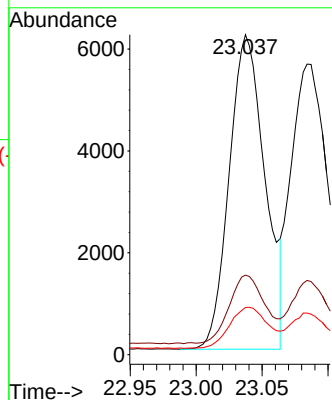
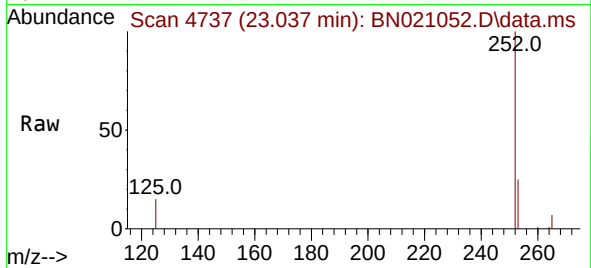




#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.037 min Scan# 41
Delta R.T. -0.014 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

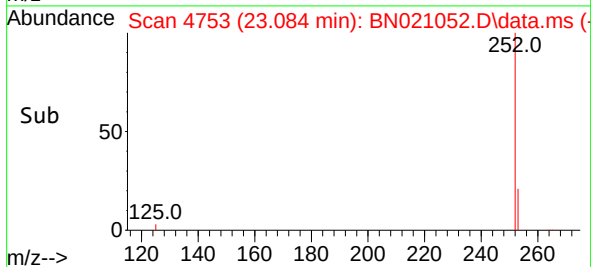
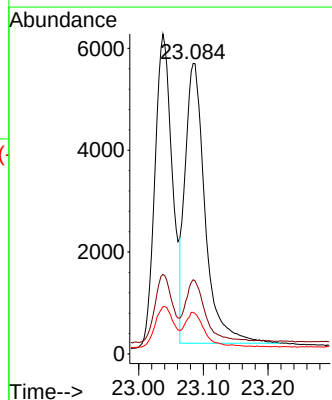
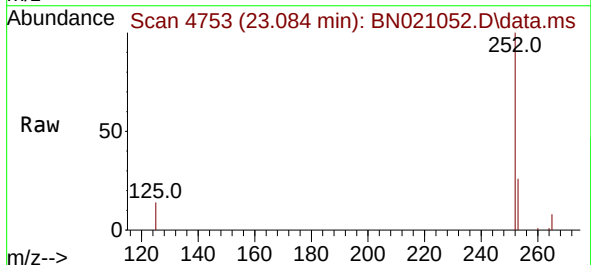
Instrument :
BNA_N
ClientSampleId :
SLCS768

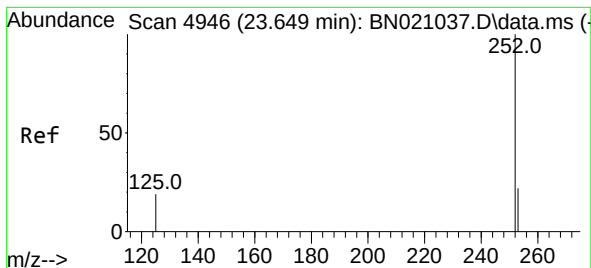
Tgt Ion:252 Resp: 11642
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.8
125 14.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.014 min
Lab File: BN021052.D
Acq: 06 Aug 2022 07:32

Tgt Ion:252 Resp: 11755
Ion Ratio Lower Upper
252 100
253 25.6 20.6 31.0
125 14.3 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.643 min Scan# 4944

Delta R.T. -0.017 min

Lab File: BN021052.D

Acq: 06 Aug 2022 07:32

Instrument :

BNA_N

ClientSampleId :

SLCS768

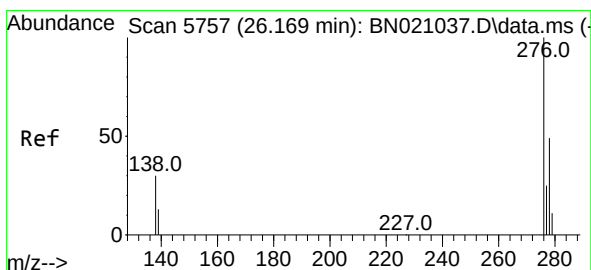
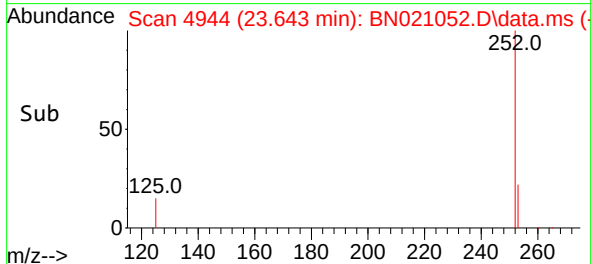
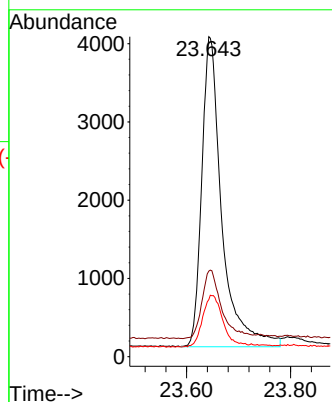
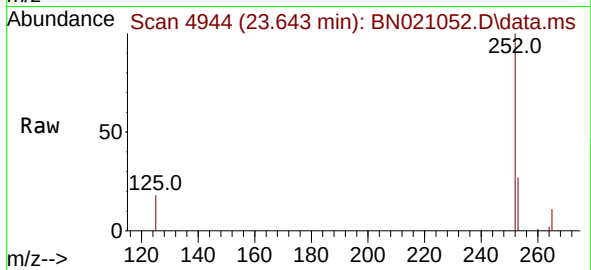
Tgt Ion:252 Resp: 10593

Ion Ratio Lower Upper

252 100

253 26.8 22.1 33.1

125 17.9 14.7 22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng/ul

RT: 26.165 min Scan# 5756

Delta R.T. -0.020 min

Lab File: BN021052.D

Acq: 06 Aug 2022 07:32

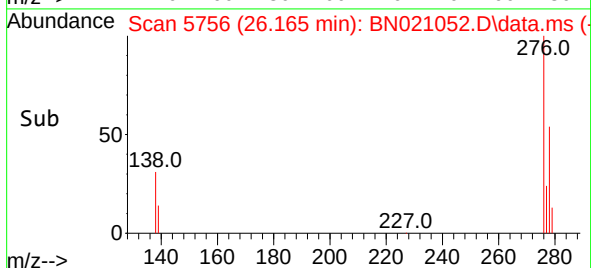
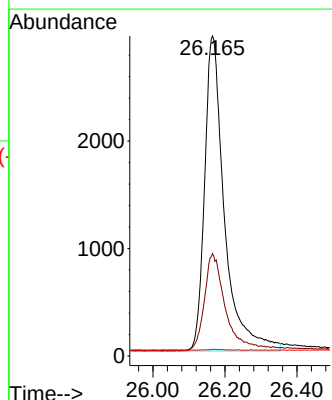
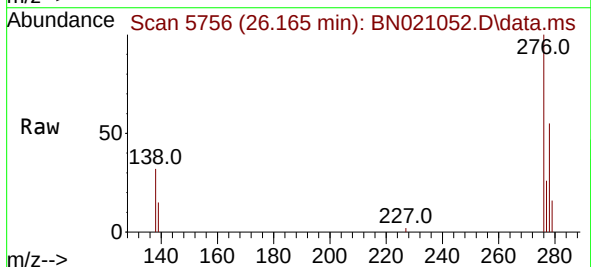
Tgt Ion:276 Resp: 11186

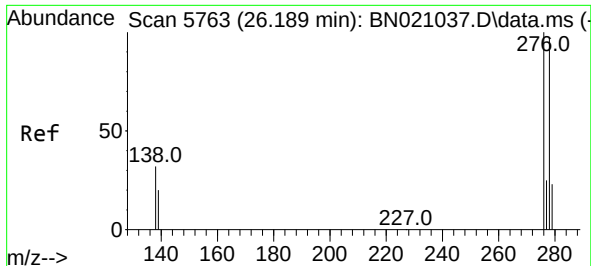
Ion Ratio Lower Upper

276 100

138 32.4 26.1 39.1

227 0.2 0.1 0.1#

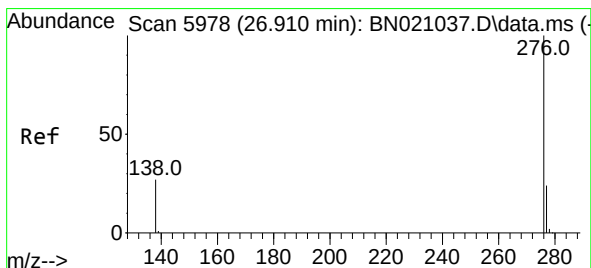
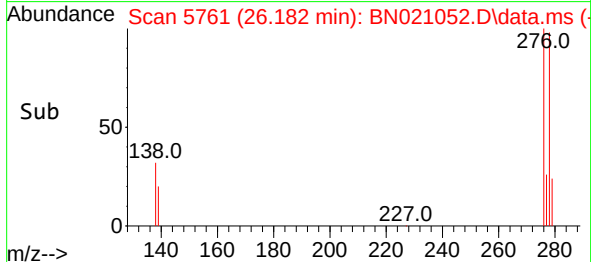
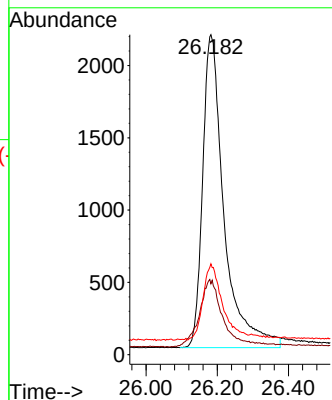
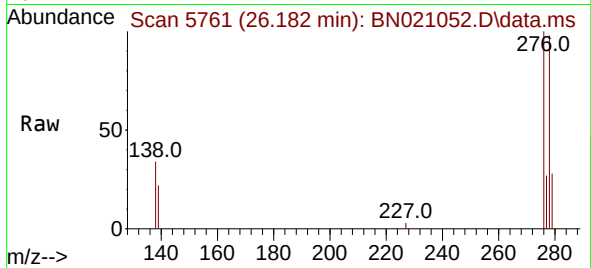




#28
 Dibenzo(a,h)anthracene
 Concen: 0.360 ng/ul
 RT: 26.182 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

Instrument :
 BNA_N
 ClientSampleId :
 SLCS768

Tgt Ion:278 Resp: 9025
 Ion Ratio Lower Upper
 278 100
 139 22.2 18.3 27.5
 279 28.4 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.349 ng/ul
 RT: 26.903 min Scan# 5976
 Delta R.T. -0.027 min
 Lab File: BN021052.D
 Acq: 06 Aug 2022 07:32

Tgt Ion:276 Resp: 9881
 Ion Ratio Lower Upper
 276 100
 138 28.8 22.6 34.0
 277 25.3 20.2 30.2

