

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
 Data File : BN018839.D
 Acq On : 03 Mar 2022 23:38
 Operator : CG/JU
 Sample : PB143055BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS055

Quant Time: Mar 04 01:48:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

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

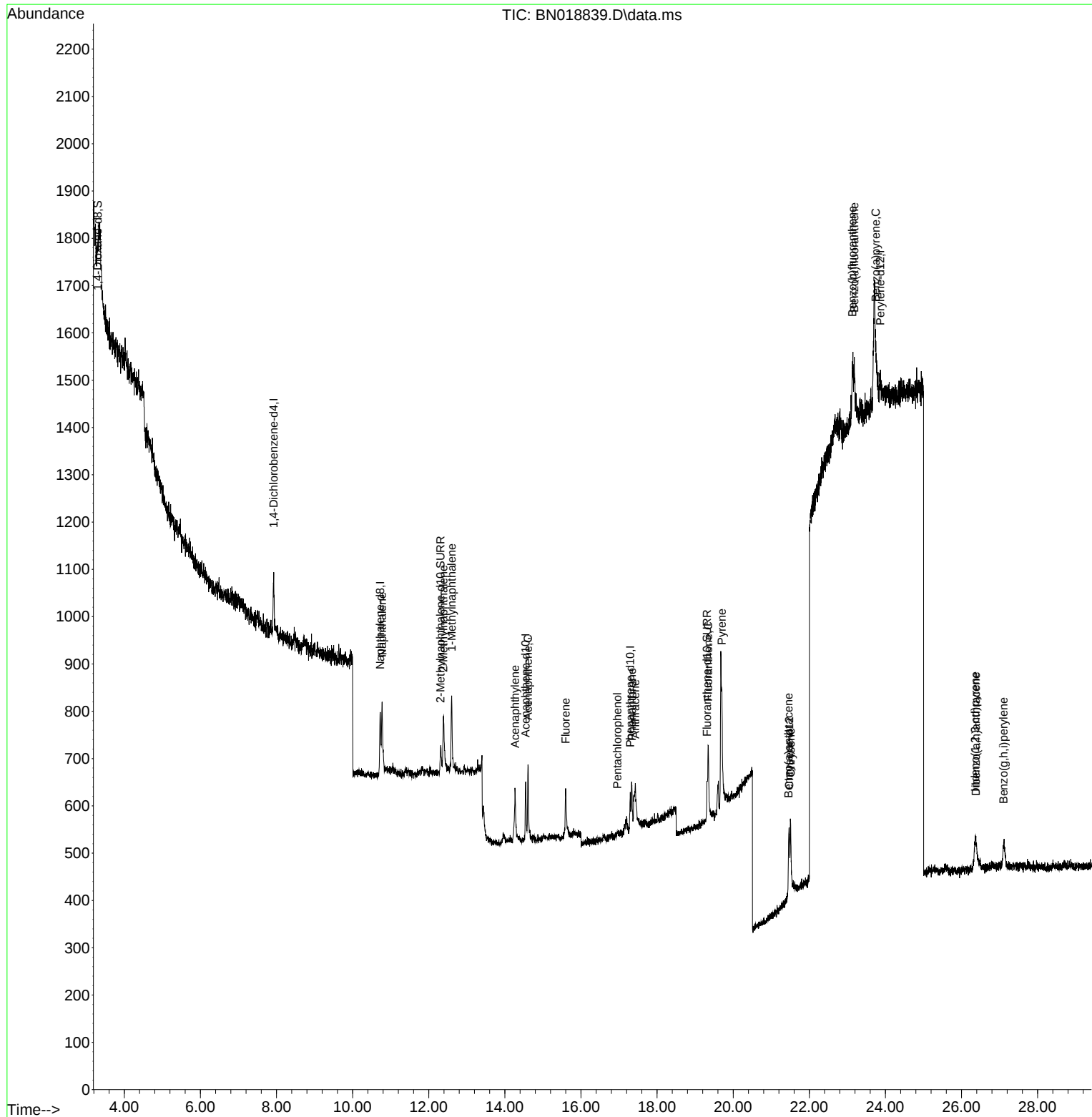
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	84	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.721	136	244	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	89	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.296	188	106	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	117	0.400	ng/ul	# 0.00
23) Perylene-d12	23.867	264	29	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	44	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	118	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	129	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	291	0.421	ng/ul#	35
7) 2-Methylnaphthalene	12.381	142	132	0.296	ng/ul	98
8) 1-Methylnaphthalene	12.601	142	160	0.360	ng/ul	96
10) Acenaphthylene	14.269	152	147	0.366	ng/ul#	15
11) Acenaphthene	14.607	153	121	0.376	ng/ul#	85
12) Fluorene	15.597	166	85	0.246	ng/ul#	56
14) Pentachlorophenol	16.954	266	8	0.370	ng/ul#	42
15) Phenanthrene	17.338	178	160	0.459	ng/ul#	1
16) Anthracene	17.427	178	93	0.299	ng/ul#	1
19) Fluoranthene	19.345	202	179	0.364	ng/ul#	1
20) Pyrene	19.703	202	190	0.375	ng/ul#	9
21) Benzo(a)anthracene	21.453	228	121	0.267	ng/ul#	31
22) Chrysene	21.508	228	184	0.390	ng/ul#	49
24) Benzo(b)fluoranthene	23.133	252	213	1.651	ng/ul#	1
25) Benzo(k)fluoranthene	23.183	252	106	0.823	ng/ul#	1
26) Benzo(a)pyrene	23.750	252	128	1.125	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.360	276	146	1.008	ng/ul#	56
28) Dibenzo(a,h)anthracene	26.373	278	44	0.387	ng/ul#	1
29) Benzo(g,h,i)perylene	27.104	276	145	1.168	ng/ul#	1

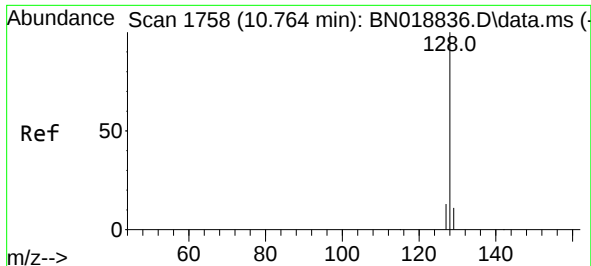
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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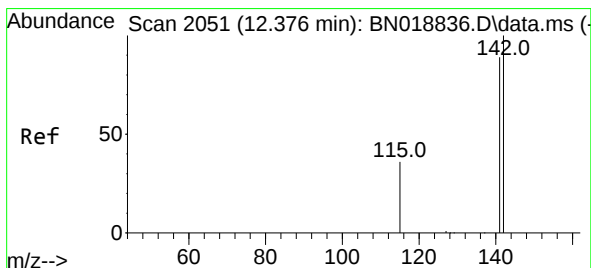
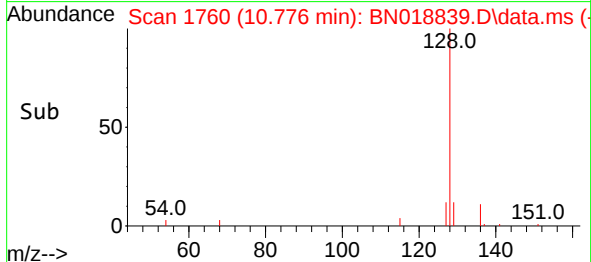
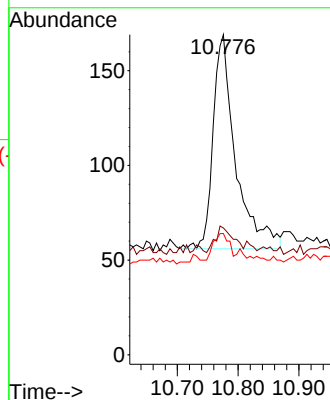
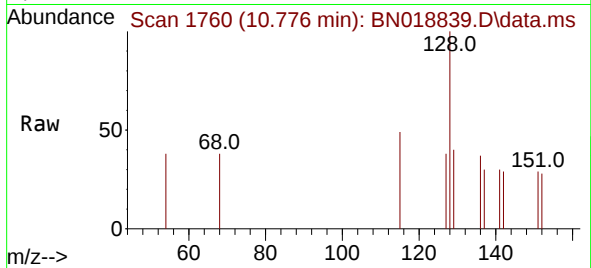




#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

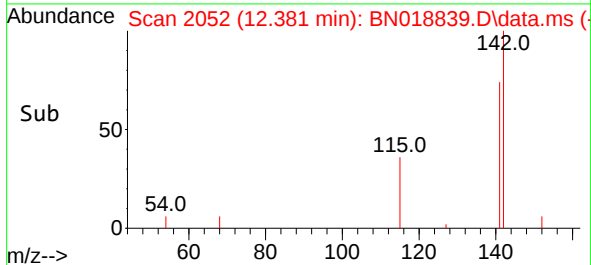
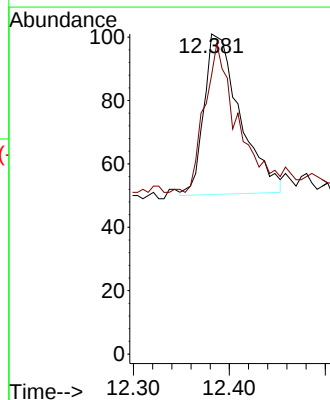
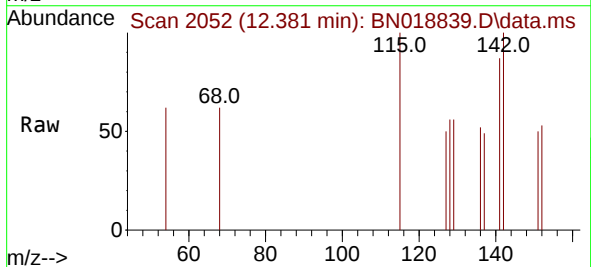
Instrument :
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ClientSampleId :
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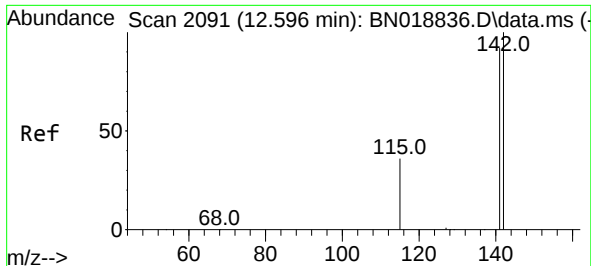
Tgt Ion:128 Resp: 291
Ion Ratio Lower Upper
128 100
129 39.6 9.4 14.0#
127 37.9 11.0 16.6#



#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
142 100
141 87.1 70.9 106.3

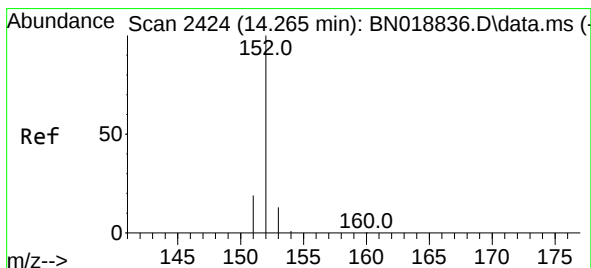
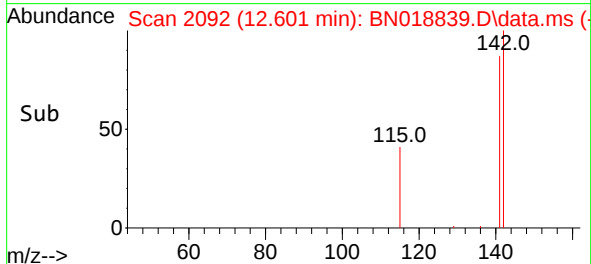
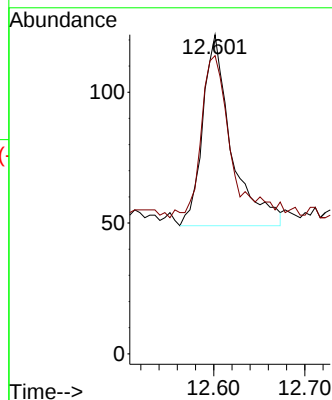
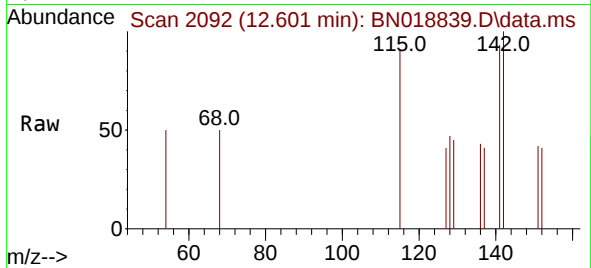




#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

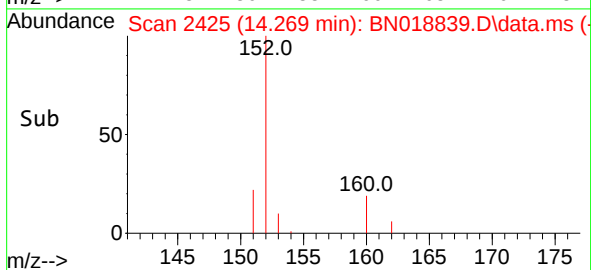
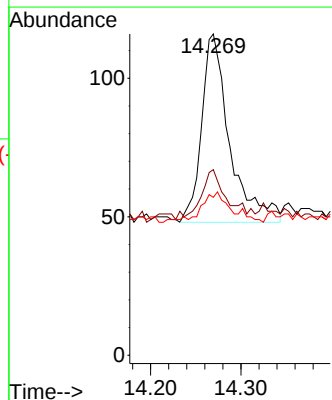
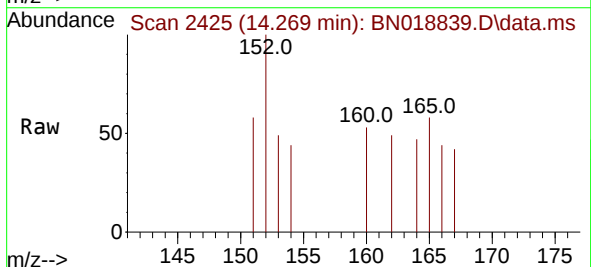
Instrument :
BNA_N
ClientSampleId :
SLCS055

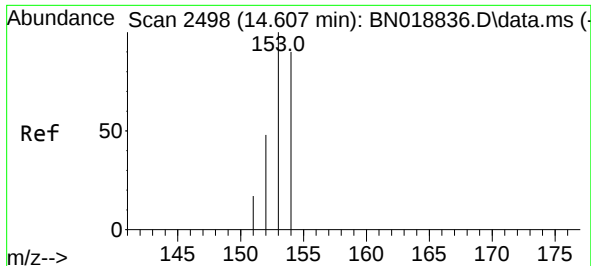
Tgt Ion:142 Resp: 160
Ion Ratio Lower Upper
142 100
141 87.5 73.2 109.8



#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

Tgt Ion:152 Resp: 147
Ion Ratio Lower Upper
152 100
151 57.8 15.8 23.8#
153 49.1 10.7 16.1#

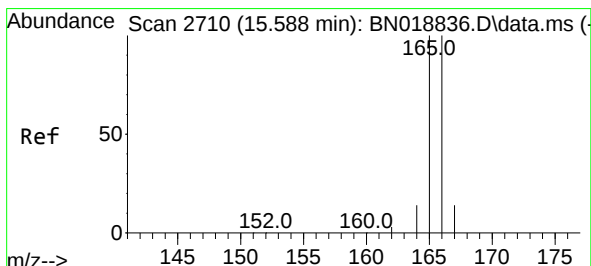
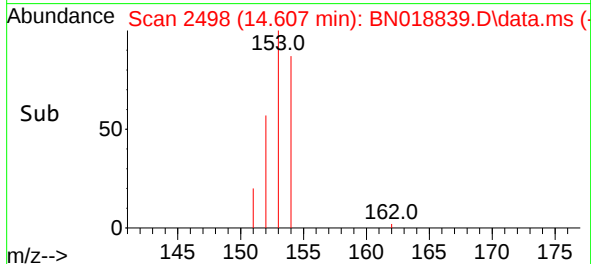
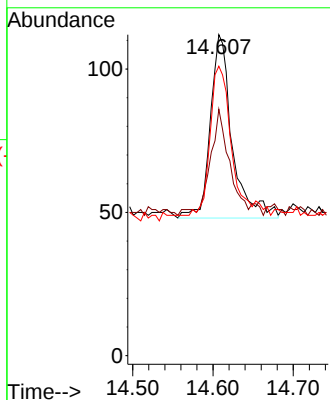
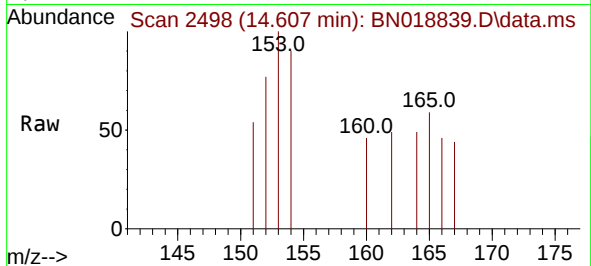




#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

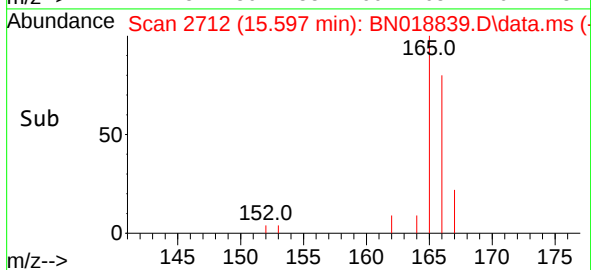
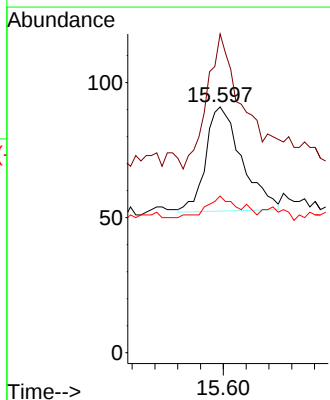
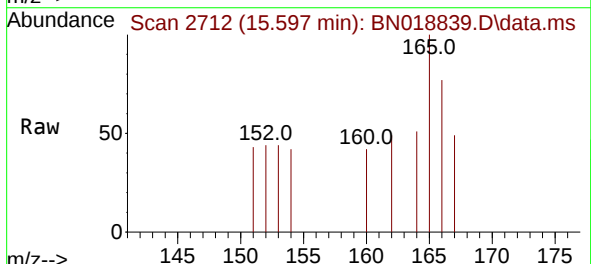
Instrument :
BNA_N
ClientSampleId :
SLCS055

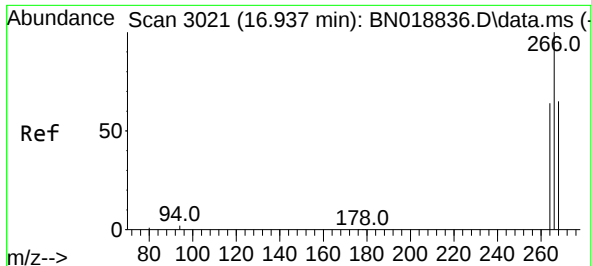
Tgt Ion:153 Resp: 121
Ion Ratio Lower Upper
153 100
152 76.8 39.7 59.5#
154 90.2 70.9 106.3



#12
Fluorene
Concen: 0.246 ng/ul
RT: 15.597 min Scan# 2712
Delta R.T. 0.001 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

Tgt Ion:166 Resp: 85
Ion Ratio Lower Upper
166 100
165 129.7 77.8 116.6#
167 63.7 11.6 17.4#





#14

Pentachlorophenol

Concen: 0.370 ng/ul

RT: 16.954 min Scan# 3021

Delta R.T. 0.014 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS055

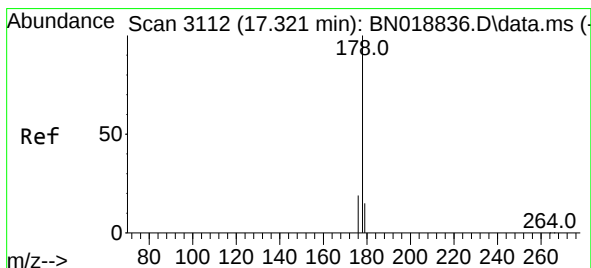
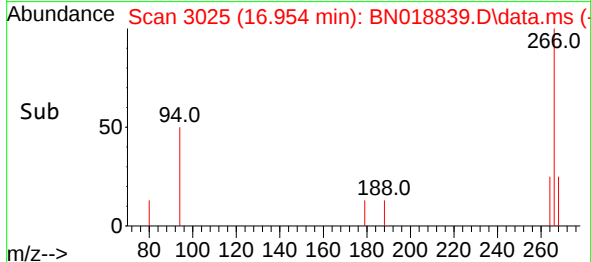
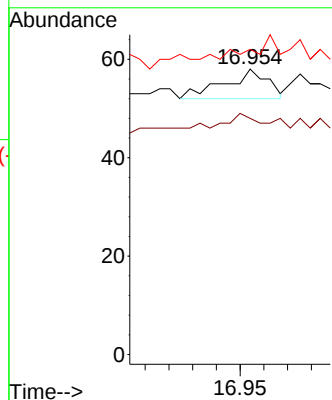
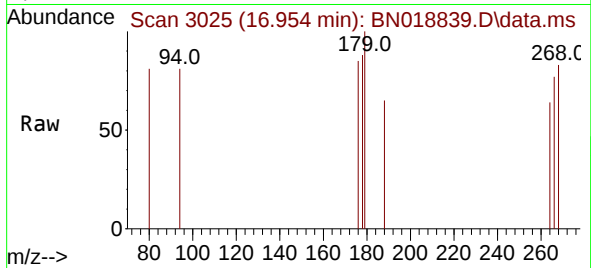
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 37.5 49.9 74.9#

268 0.0 51.7 77.5#



#15

Phenanthrene

Concen: 0.459 ng/ul

RT: 17.338 min Scan# 3116

Delta R.T. 0.009 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

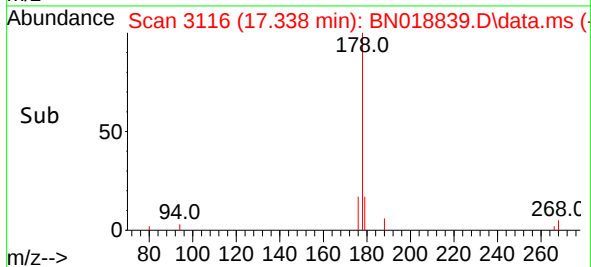
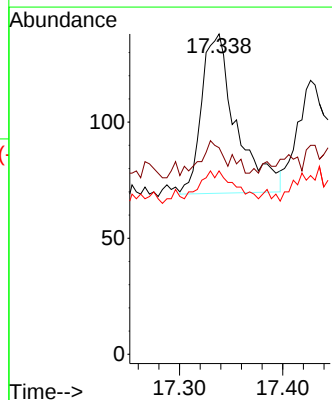
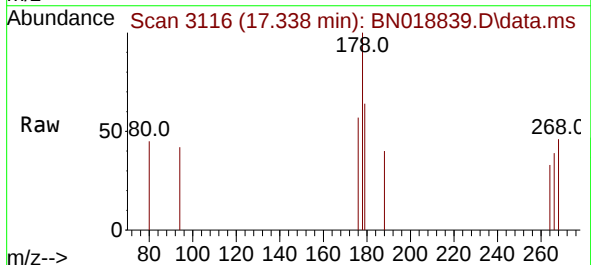
Tgt Ion:178 Resp: 160

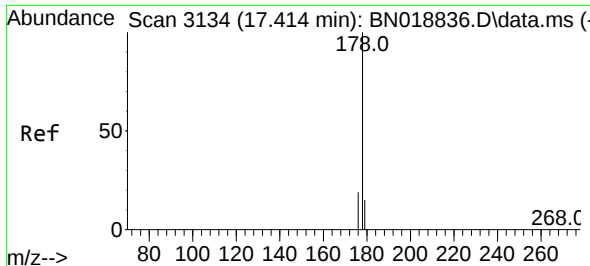
Ion Ratio Lower Upper

178 100

179 64.5 12.2 18.4#

176 57.2 15.4 23.2#

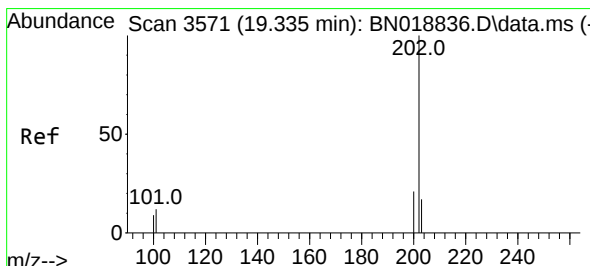
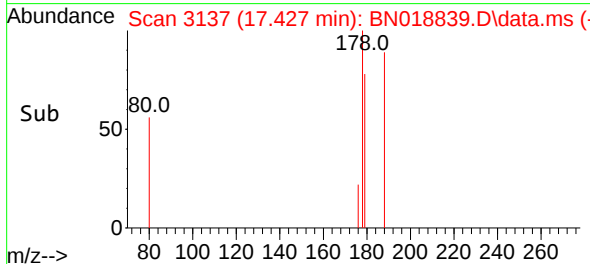
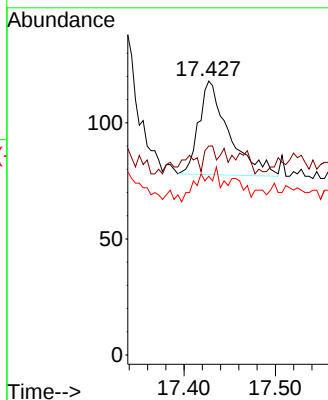
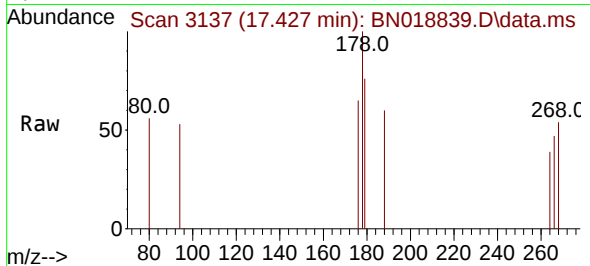




#16
 Anthracene
 Concen: 0.299 ng/ul
 RT: 17.427 min Scan# 3137
 Delta R.T. 0.005 min
 Lab File: BN018839.D
 Acq: 03 Mar 2022 23:38

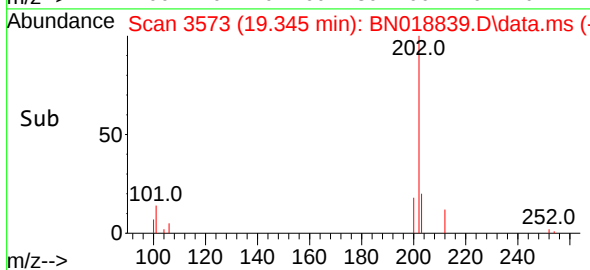
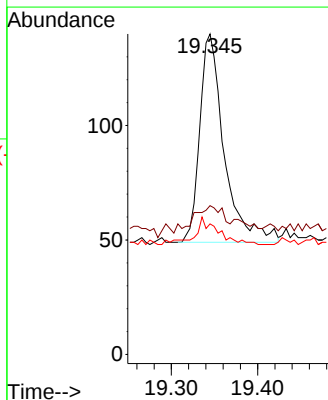
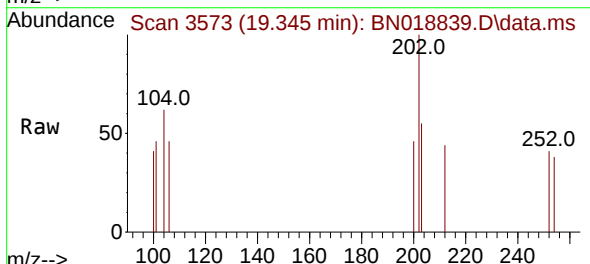
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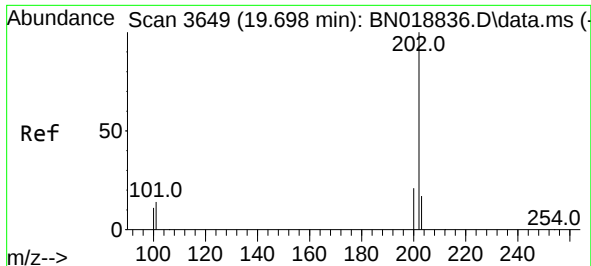
Tgt Ion:178 Resp: 93
 Ion Ratio Lower Upper
 178 100
 179 76.3 12.3 18.5#
 176 65.3 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.364 ng/ul
 RT: 19.345 min Scan# 3573
 Delta R.T. 0.001 min
 Lab File: BN018839.D
 Acq: 03 Mar 2022 23:38

Tgt Ion:202 Resp: 179
 Ion Ratio Lower Upper
 202 100
 101 46.4 7.5 11.3#
 100 40.7 5.4 8.2#

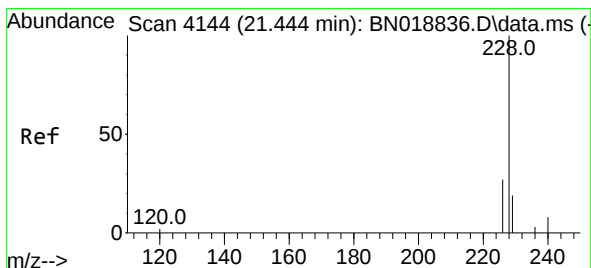
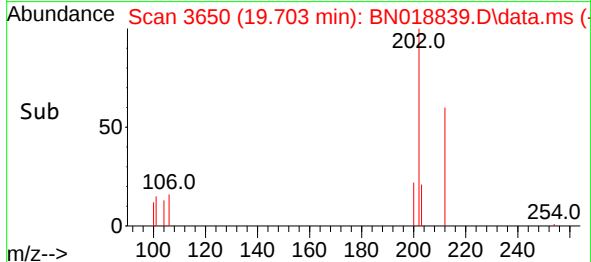
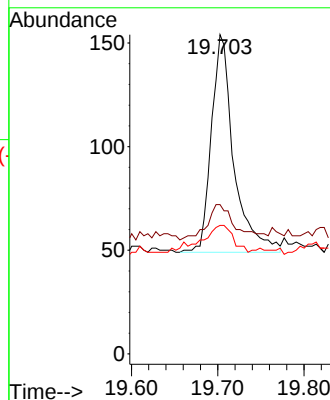
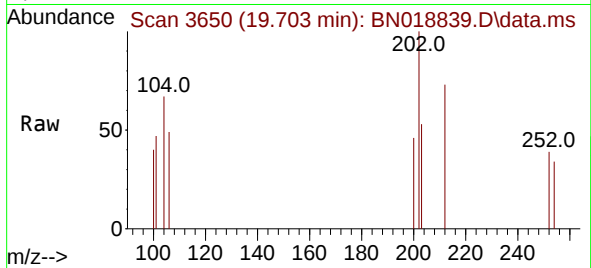




#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.703 min Scan# 3650
Delta R.T. -0.003 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

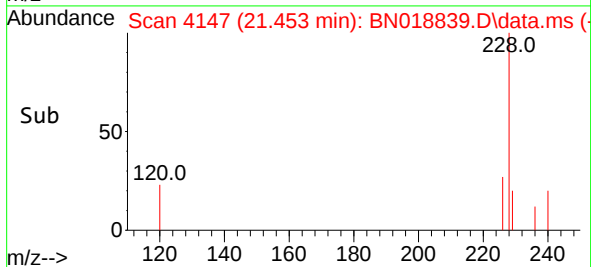
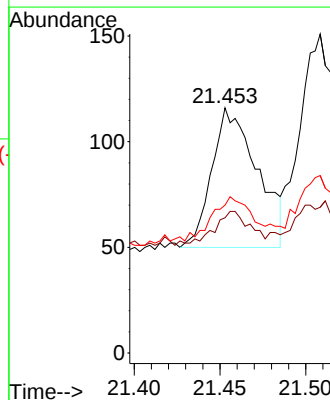
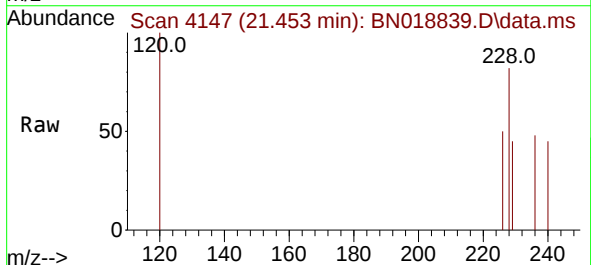
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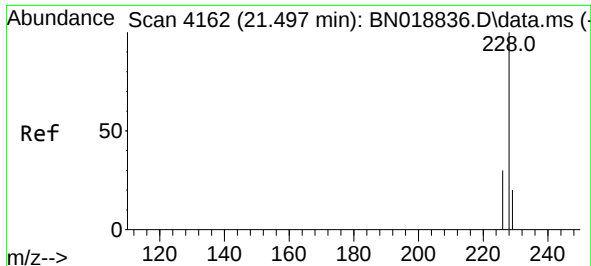
Tgt Ion:202 Resp: 190
Ion Ratio Lower Upper
202 100
101 46.8 9.0 13.4#
100 40.3 7.0 10.4#



#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.453 min Scan# 4147
Delta R.T. 0.001 min
Lab File: BN018839.D
Acq: 03 Mar 2022 23:38

Tgt Ion:228 Resp: 121
Ion Ratio Lower Upper
228 100
229 55.2 15.6 23.4#
226 60.3 22.1 33.1#





#22

Chrysene

Concen: 0.390 ng/ul

RT: 21.508 min Scan# 4166

Delta R.T. 0.004 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS055

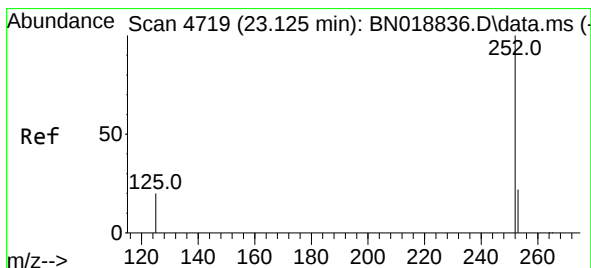
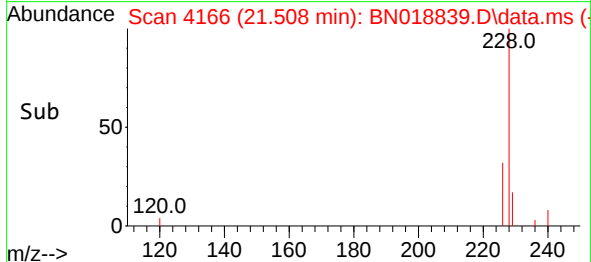
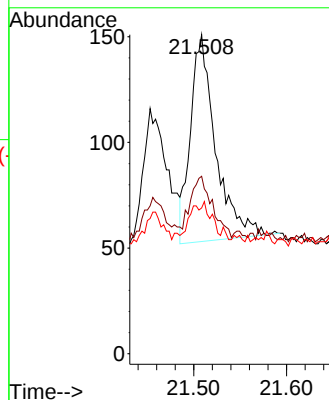
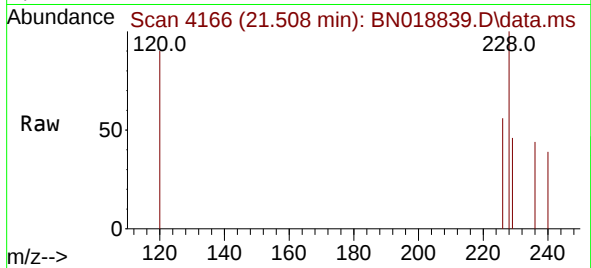
Tgt Ion:228 Resp: 184

Ion Ratio Lower Upper

228 100

226 55.6 24.2 36.4#

229 45.7 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 1.651 ng/ul

RT: 23.133 min Scan# 4722

Delta R.T. -0.002 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

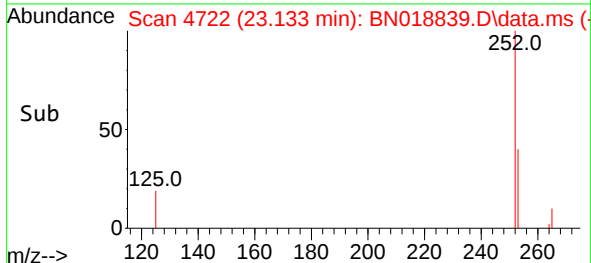
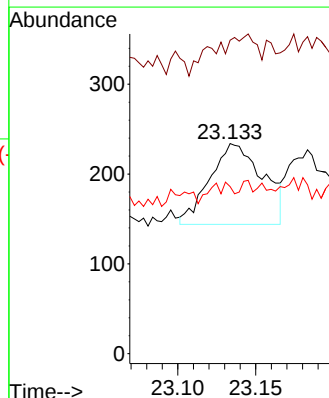
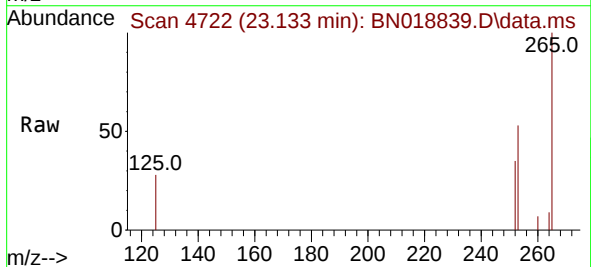
Tgt Ion:252 Resp: 213

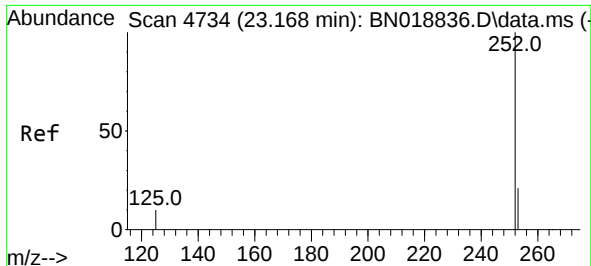
Ion Ratio Lower Upper

252 100

253 149.1 0.0 46.4#

125 79.5 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.823 ng/ul

RT: 23.183 min Scan# 4739

Delta R.T. 0.001 min

Lab File: BN018839.D

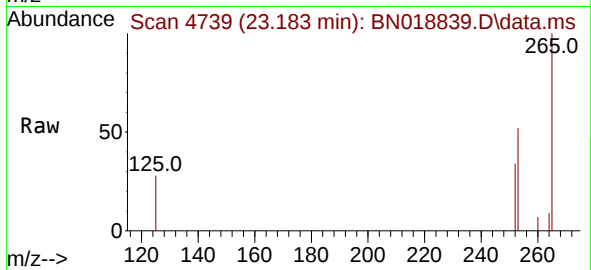
Acq: 03 Mar 2022 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS055



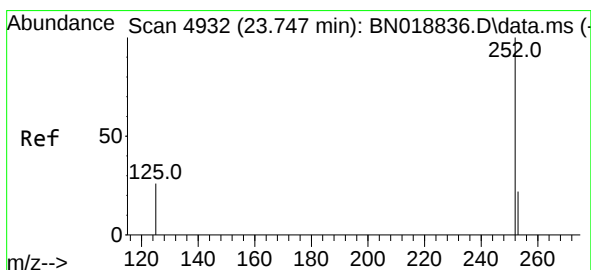
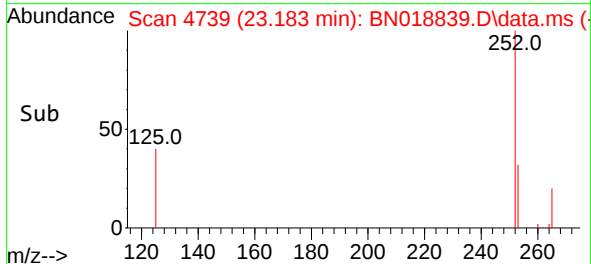
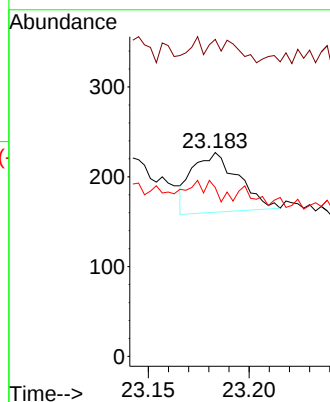
Tgt Ion:252 Resp: 106

Ion Ratio Lower Upper

252 100

253 155.5 18.6 28.0#

125 82.8 7.3 10.9#



#26

Benzo(a)pyrene

Concen: 1.125 ng/ul

RT: 23.750 min Scan# 4933

Delta R.T. -0.010 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

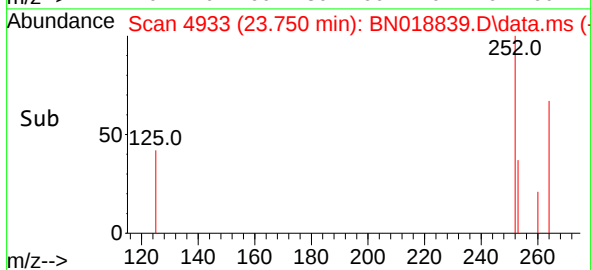
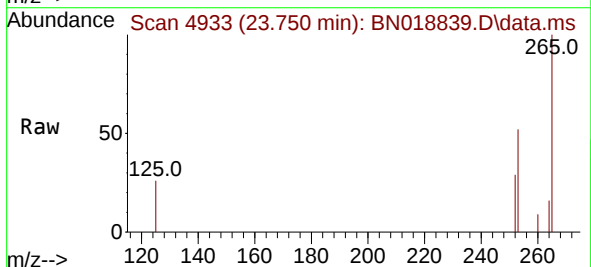
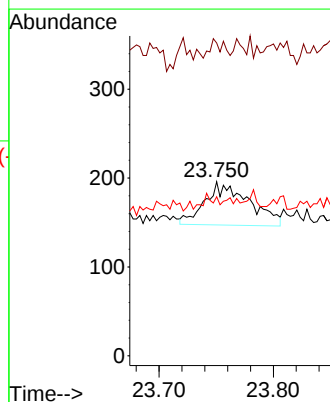
Tgt Ion:252 Resp: 128

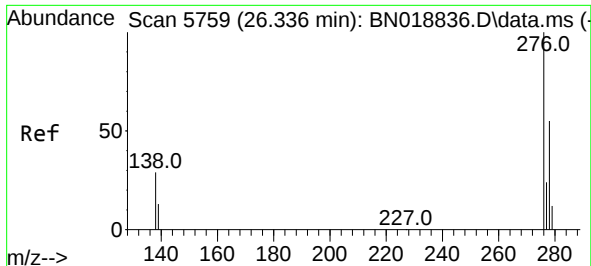
Ion Ratio Lower Upper

252 100

253 179.6 18.9 28.3#

125 91.3 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.008 ng/ul

RT: 26.360 min Scan# 5759

Delta R.T. 0.002 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS055

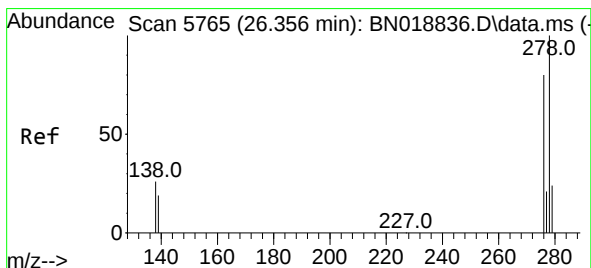
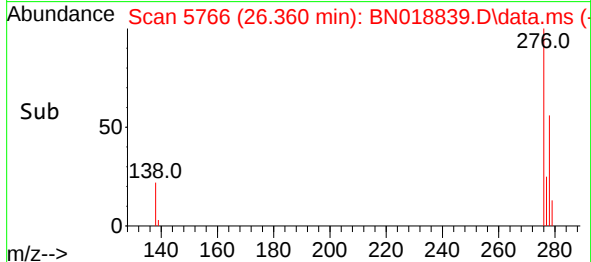
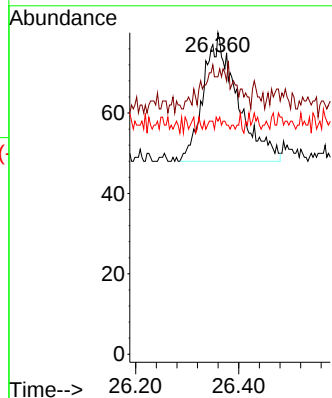
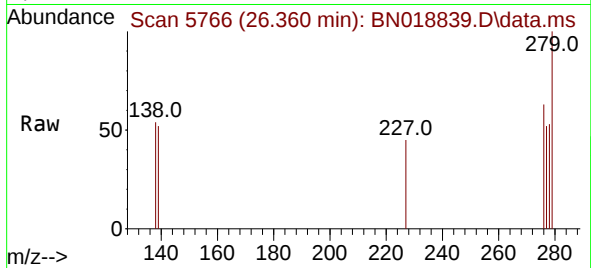
Tgt Ion:276 Resp: 146

Ion Ratio Lower Upper

276 100

138 0.0 16.5 24.7#

227 2.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.387 ng/ul

RT: 26.373 min Scan# 5770

Delta R.T. -0.002 min

Lab File: BN018839.D

Acq: 03 Mar 2022 23:38

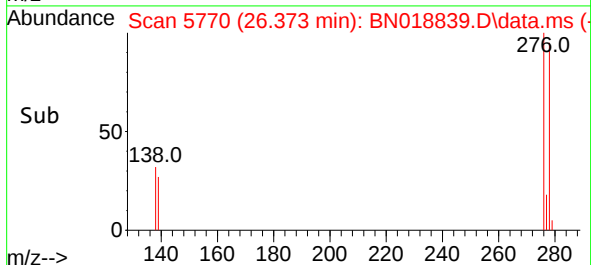
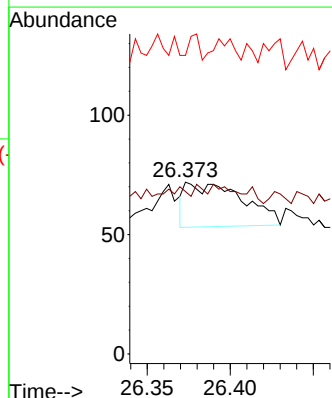
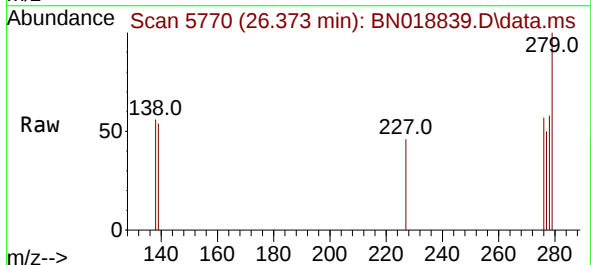
Tgt Ion:278 Resp: 44

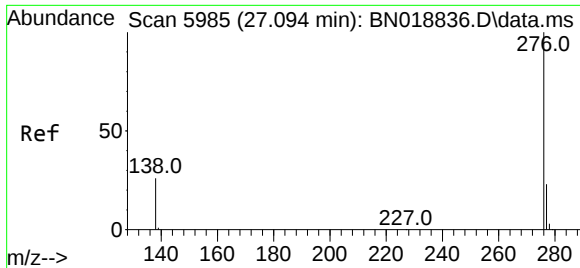
Ion Ratio Lower Upper

278 100

139 94.4 11.9 17.9#

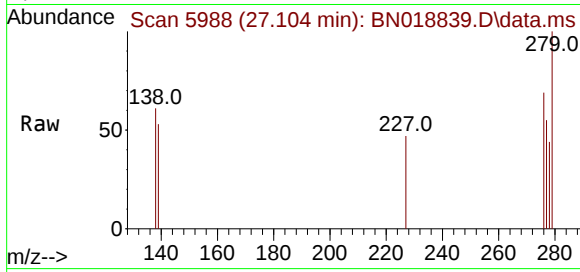
279 173.6 19.5 29.3#





#29
 Benzo(g,h,i)perylene
 Concen: 1.168 ng/ul
 RT: 27.104 min Scan# 5988
 Delta R.T. -0.018 min
 Lab File: BN018839.D
 Acq: 03 Mar 2022 23:38

Instrument :
 BNA_N
 ClientSampleId :
 SLCS055



Tgt Ion:276 Resp: 145
 Ion Ratio Lower Upper
 276 100
 138 87.8 14.4 21.6#
 277 80.5 19.2 28.8#

