

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027872.D
 Acq On : 26 Sep 2023 21:33
 Operator : MA/JU
 Sample : PB155612BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS611

Quant Time: Sep 27 03:01:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

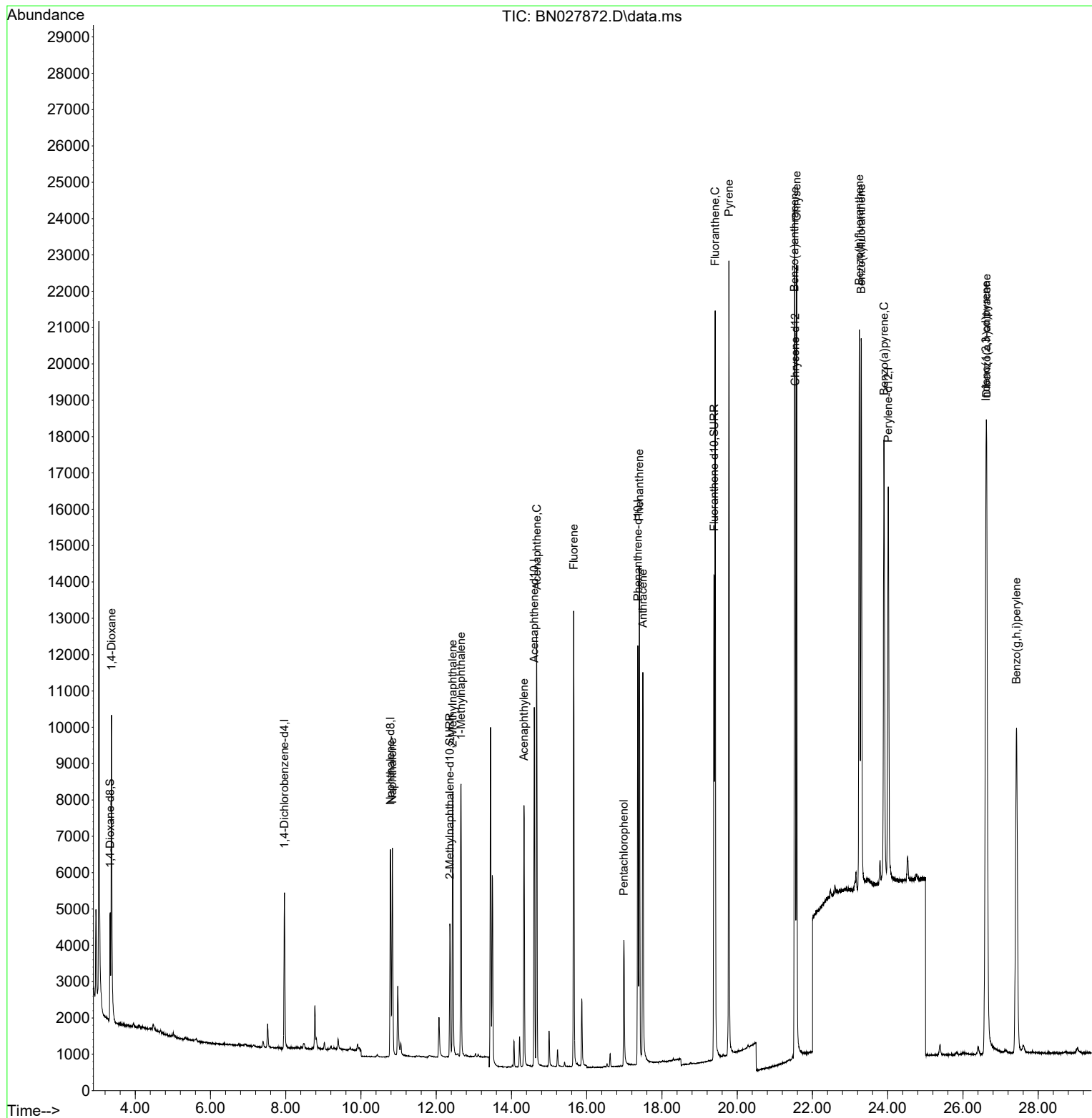
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	2339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	8058	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	5521	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	13513	0.400	ng/ul	0.02
17) Chrysene-d12	21.542	240	13867	0.400	ng/ul	0.02
23) Perylene-d12	24.015	264	15697	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2180	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5110	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	15256	0.360	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	6317	2.060	ng/ul#	87
5) Naphthalene	10.834	128	8037	0.349	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	5502	0.377	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	5461	0.362	ng/ul	99
10) Acenaphthylene	14.333	152	8562	0.355	ng/ul	99
11) Acenaphthene	14.671	153	6885	0.330	ng/ul	98
12) Fluorene	15.656	166	8232	0.336	ng/ul	99
14) Pentachlorophenol	16.987	266	2597	0.821	ng/ul	98
15) Phenanthrene	17.400	178	14295	0.337	ng/ul	99
16) Anthracene	17.493	178	12489	0.351	ng/ul	99
19) Fluoranthene	19.413	202	17455	0.311	ng/ul	98
20) Pyrene	19.780	202	18293	0.317	ng/ul	100
21) Benzo(a)anthracene	21.524	228	18917	0.353	ng/ul	99
22) Chrysene	21.580	228	19173	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.246	252	21212	0.303	ng/ul	96
25) Benzo(k)fluoranthene	23.295	252	21375	0.315	ng/ul	95
26) Benzo(a)pyrene	23.901	252	20231	0.360	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	25819	0.358	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.629	278	21121	0.364	ng/ul	98
29) Benzo(g,h,i)perylene	27.421	276	21593	0.353	ng/ul	98

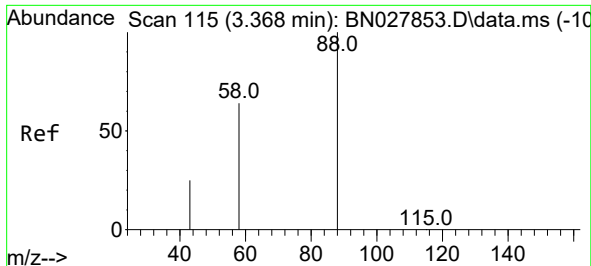
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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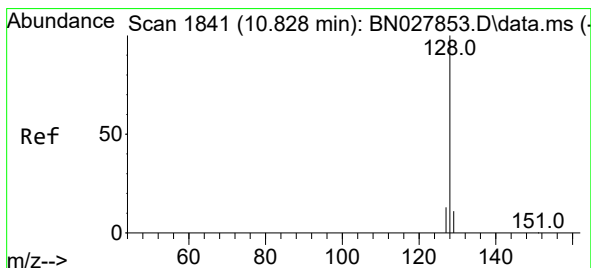
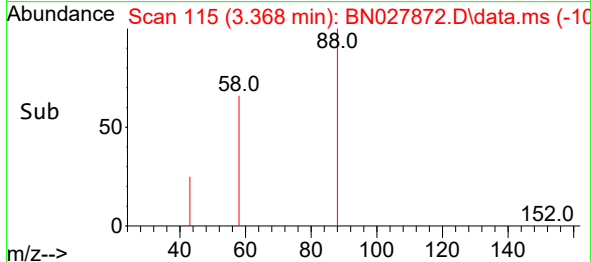
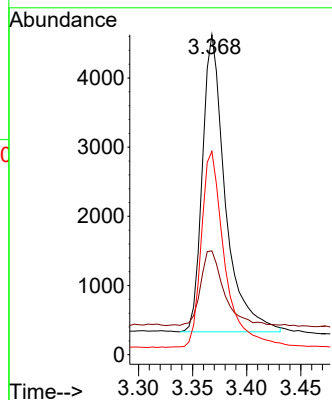
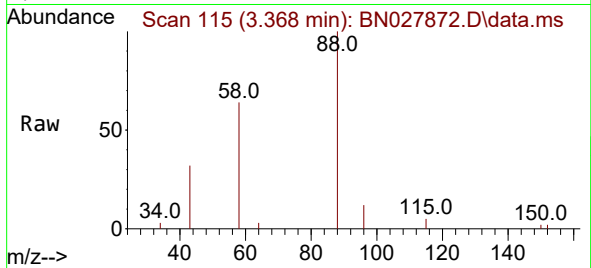




#2
1,4-Dioxane
Concen: 2.060 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

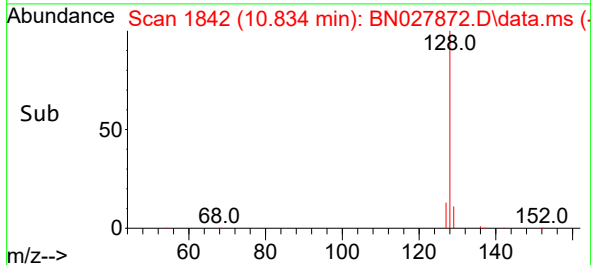
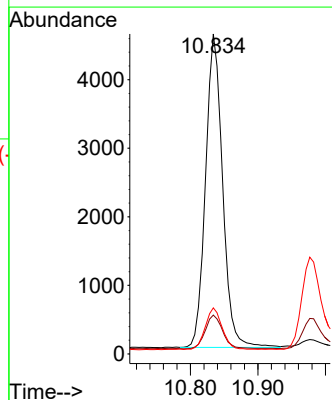
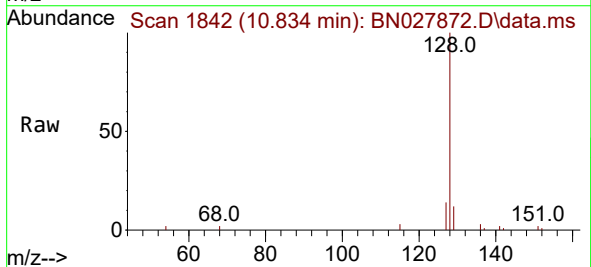
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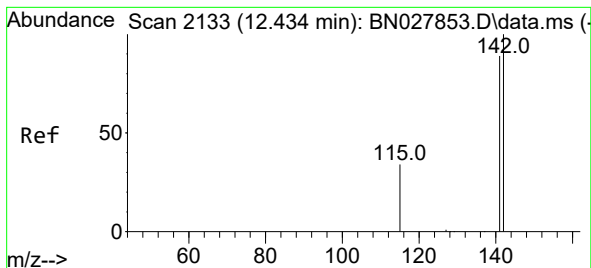
Tgt Ion: 88 Resp: 6317
Ion Ratio Lower Upper
88 100
43 32.5 39.6 59.4#
58 63.5 48.3 72.5



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

Tgt Ion:128 Resp: 8037
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 14.4 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.377 ng/ul

RT: 12.440 min Scan# 2133

Delta R.T. 0.012 min

Lab File: BN027872.D

Acq: 26 Sep 2023 21:33

Instrument :

BNA_N

ClientSampleId :

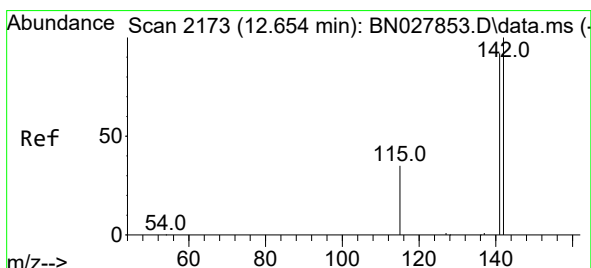
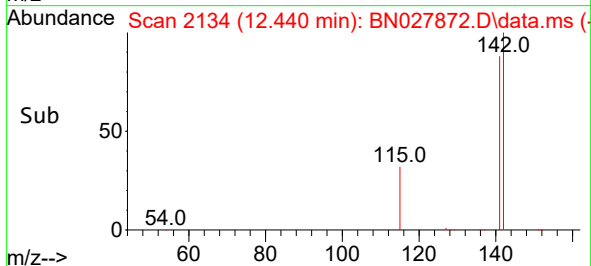
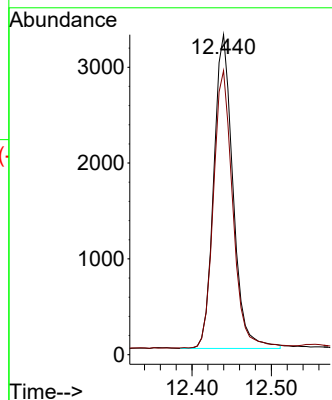
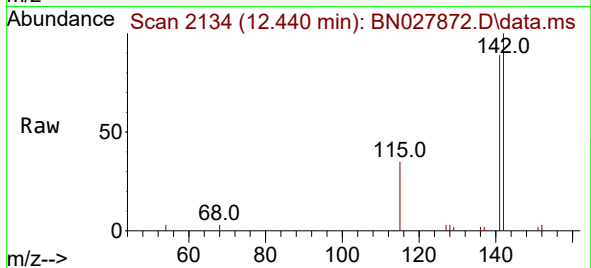
SLCS611

Tgt Ion:142 Resp: 5502

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.362 ng/ul

RT: 12.660 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BN027872.D

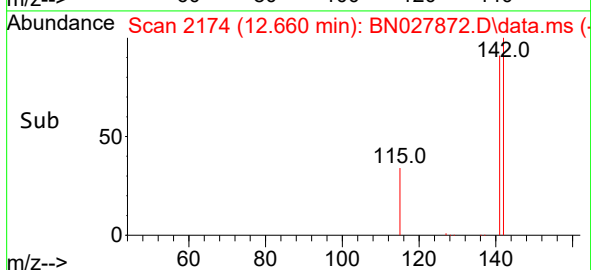
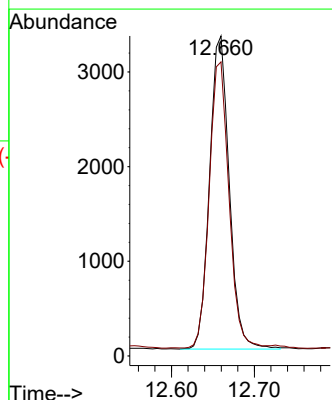
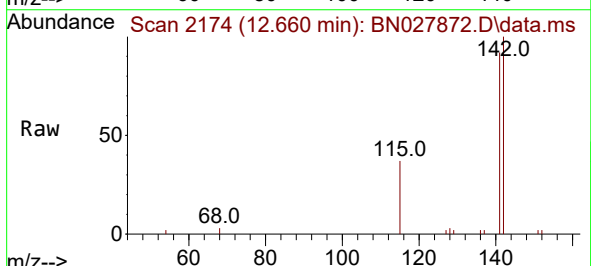
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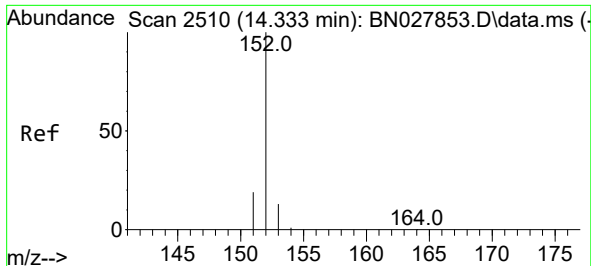
Tgt Ion:142 Resp: 5461

Ion Ratio Lower Upper

142 100

141 92.1 72.8 109.2

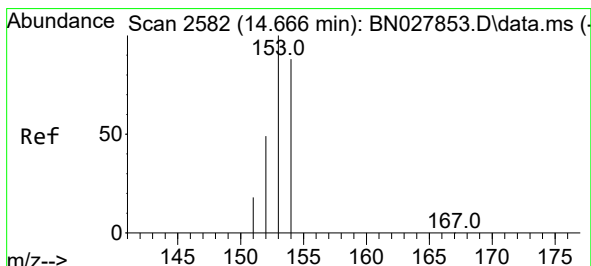
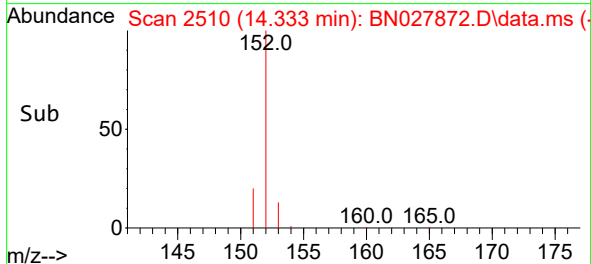
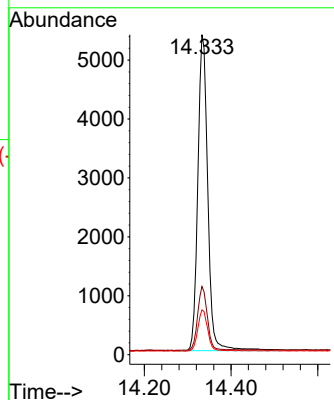
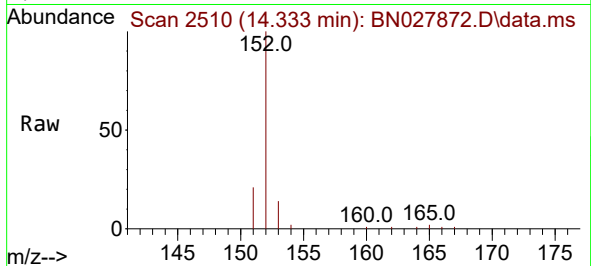




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.013 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

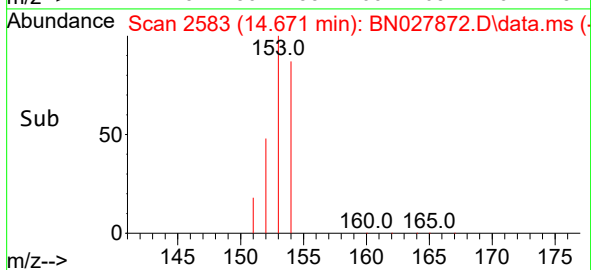
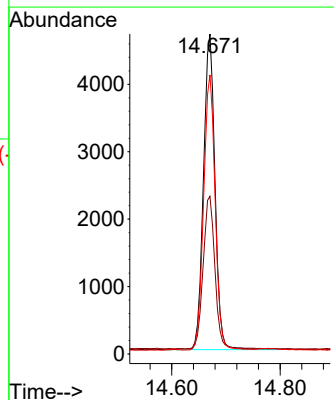
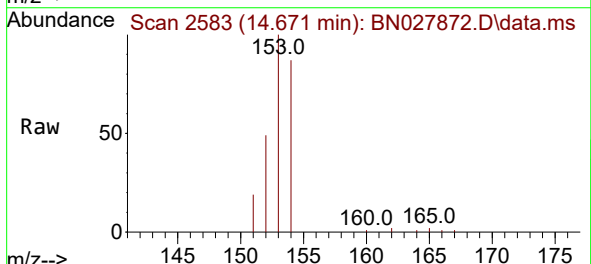
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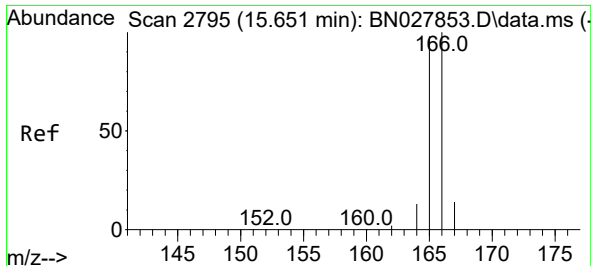
Tgt Ion:152 Resp: 8562
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0
153 14.0 11.0 16.6



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.671 min Scan# 2583
Delta R.T. 0.018 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

Tgt Ion:153 Resp: 6885
Ion Ratio Lower Upper
153 100
152 49.2 41.7 62.5
154 87.2 70.3 105.5

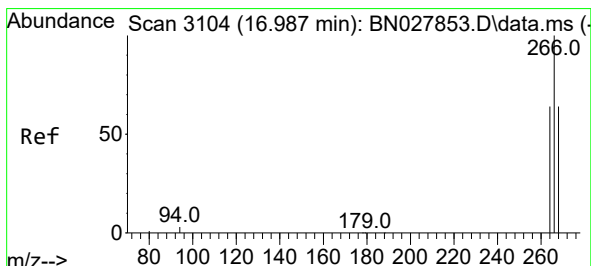
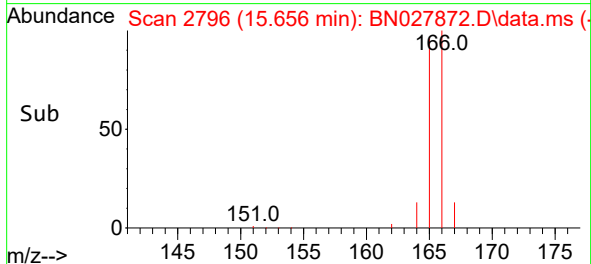
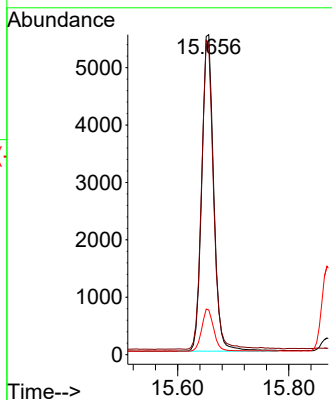
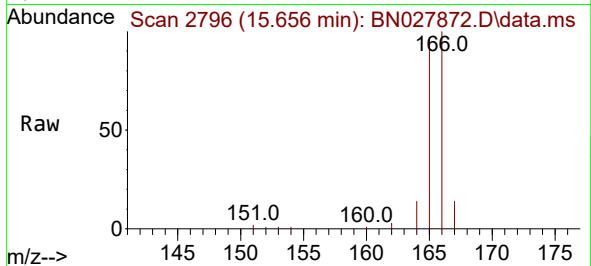




#12
 Fluorene
 Concen: 0.336 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN027872.D
 Acq: 26 Sep 2023 21:33

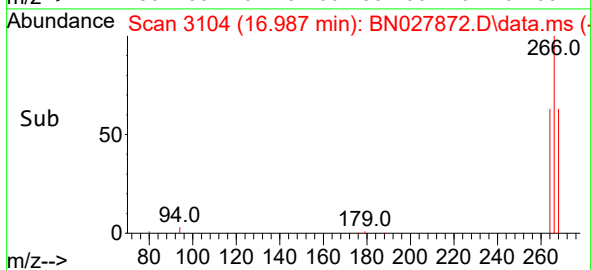
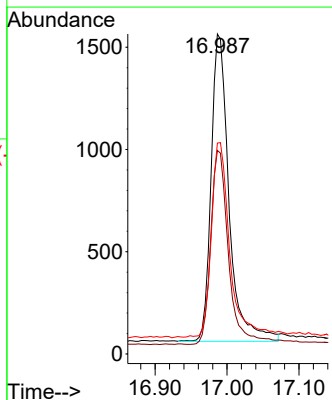
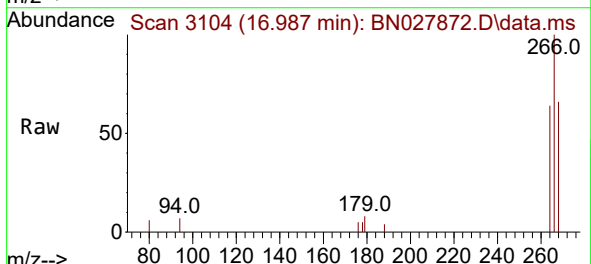
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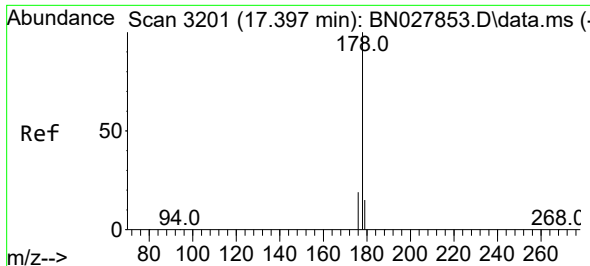
Tgt Ion:166 Resp: 8232
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.0 117.0
 167 14.0 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.821 ng/ul
 RT: 16.987 min Scan# 3104
 Delta R.T. 0.016 min
 Lab File: BN027872.D
 Acq: 26 Sep 2023 21:33

Tgt Ion:266 Resp: 2597
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.6 74.4
 268 65.2 50.7 76.1

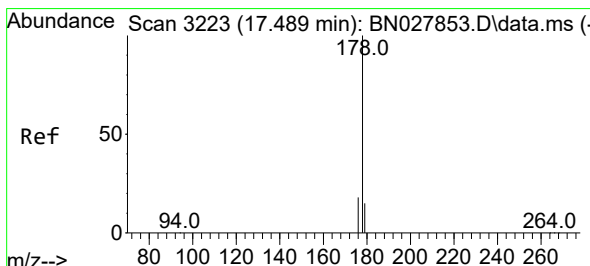
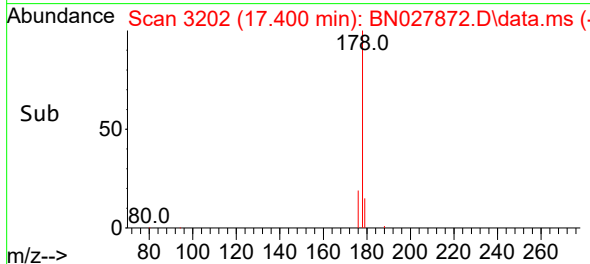
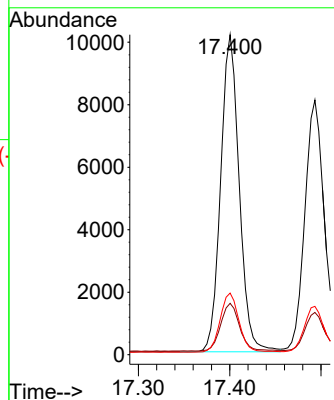
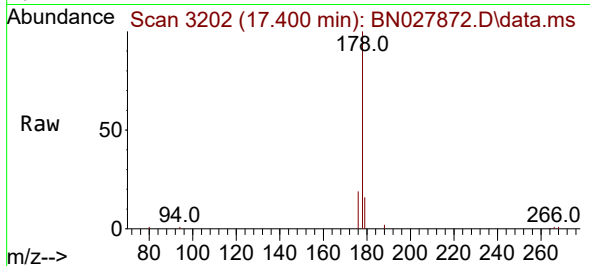




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.400 min Scan# 3201
Delta R.T. 0.016 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

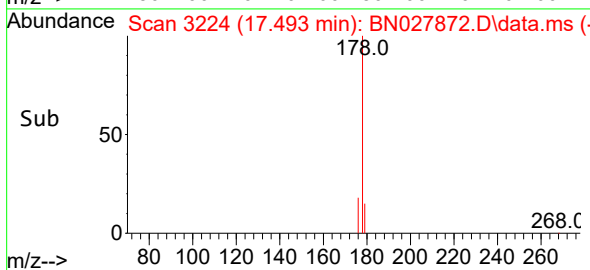
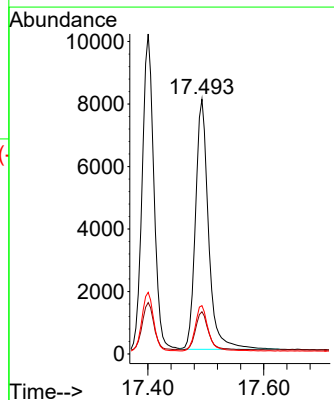
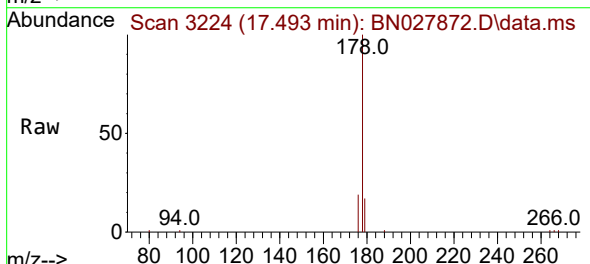
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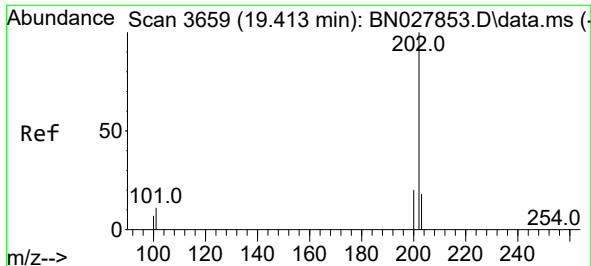
Tgt Ion:178 Resp: 14295
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.493 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

Tgt Ion:178 Resp: 12489
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 19.0 15.5 23.3

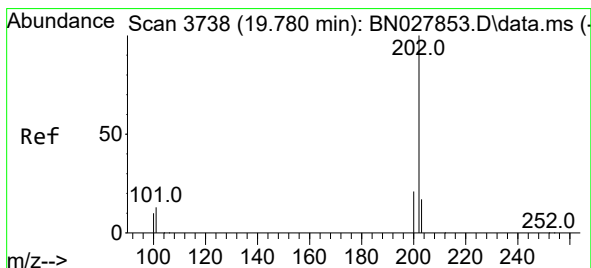
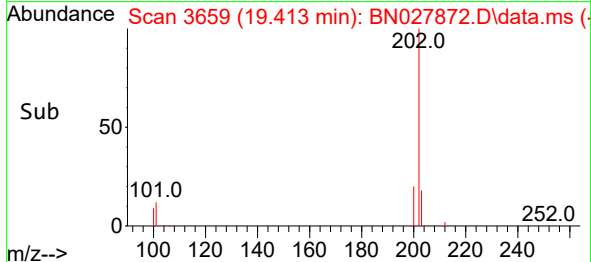
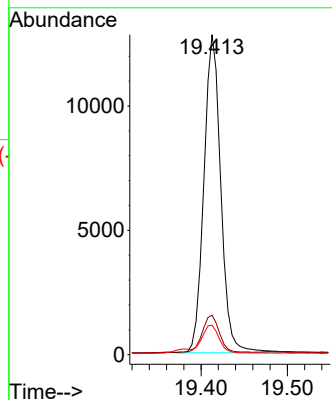
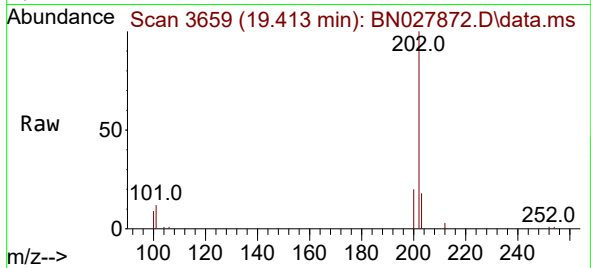




#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.017 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

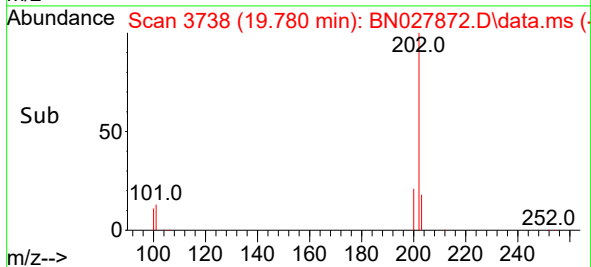
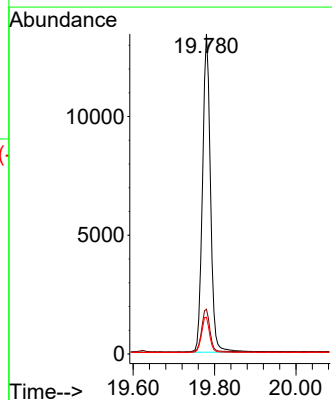
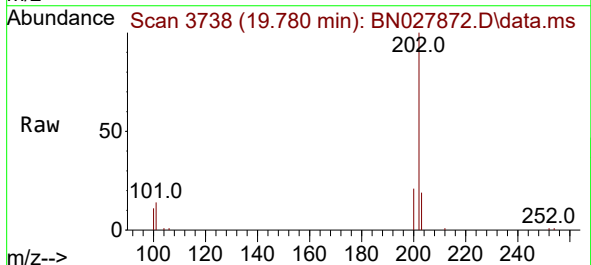
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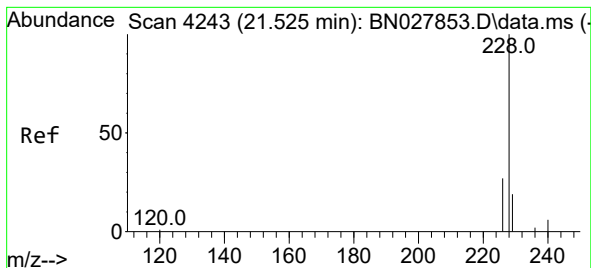
Tgt Ion:202 Resp: 17455
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 9.2 7.0 10.4



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.017 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

Tgt Ion:202 Resp: 18293
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 11.5 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.353 ng/ul

RT: 21.524 min Scan# 4243

Delta R.T. 0.021 min

Lab File: BN027872.D

Acq: 26 Sep 2023 21:33

Instrument :

BNA_N

ClientSampleId :

SLCS611

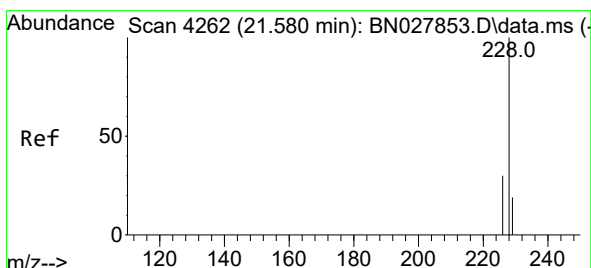
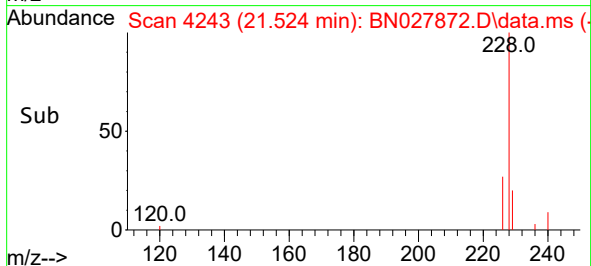
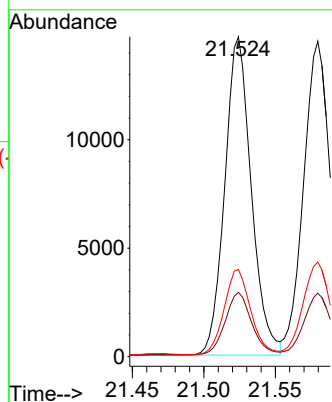
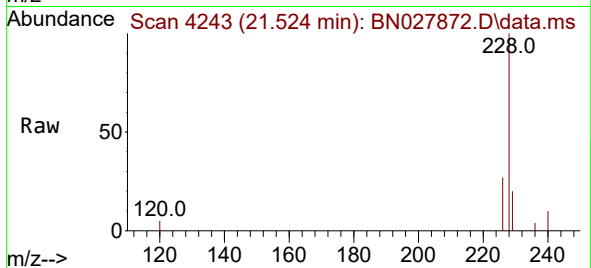
Tgt Ion:228 Resp: 18917

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.8

226 27.2 22.0 33.0



#22

Chrysene

Concen: 0.346 ng/ul

RT: 21.580 min Scan# 4262

Delta R.T. 0.021 min

Lab File: BN027872.D

Acq: 26 Sep 2023 21:33

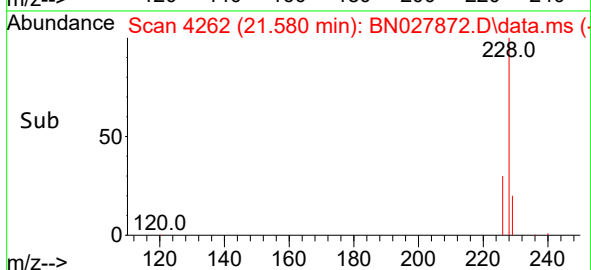
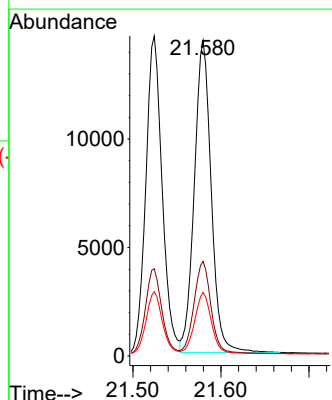
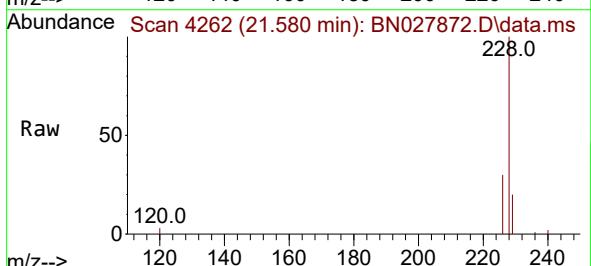
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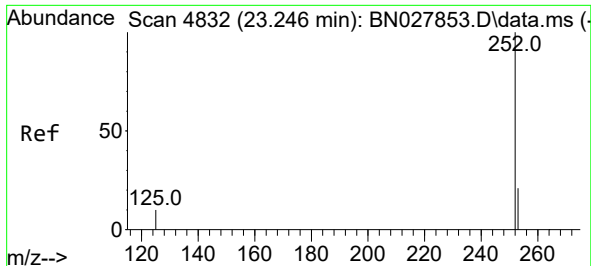
Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.1 16.0 24.0

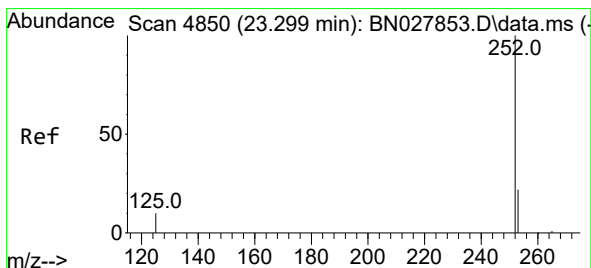
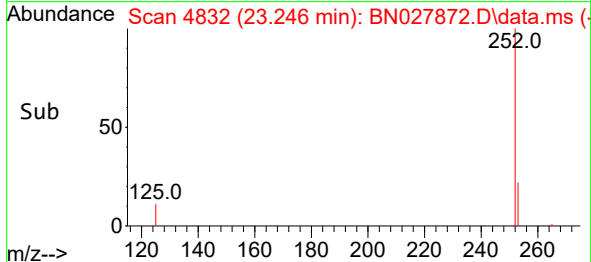
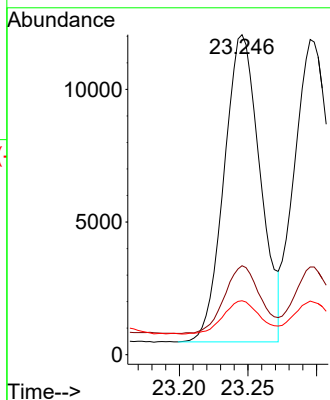
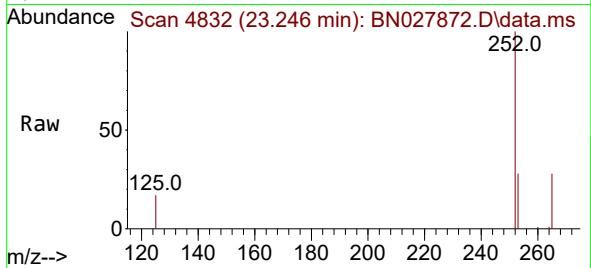




#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

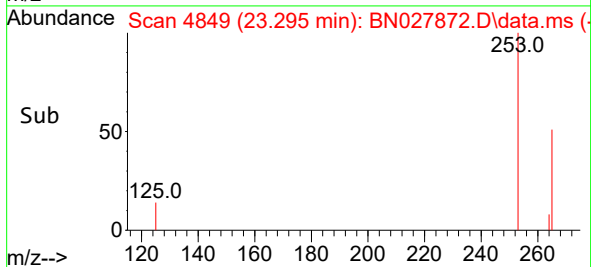
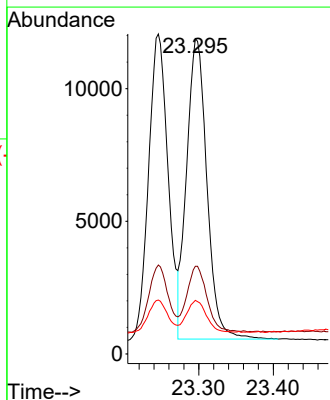
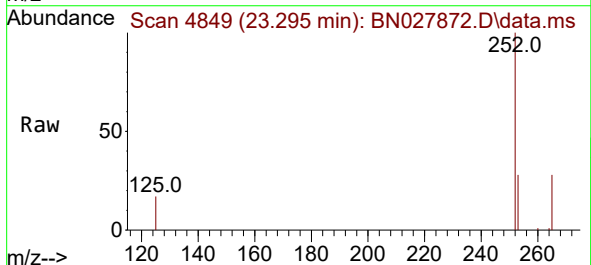
Instrument :
BNA_N
ClientSampleId :
SLCS611

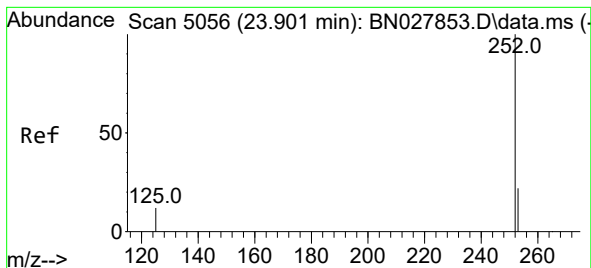
Tgt Ion:252 Resp: 21212
Ion Ratio Lower Upper
252 100
253 27.8 0.0 50.2
125 16.8 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.295 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027872.D
Acq: 26 Sep 2023 21:33

Tgt Ion:252 Resp: 21375
Ion Ratio Lower Upper
252 100
253 27.8 19.9 29.9
125 17.0 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.901 min Scan# 5056

Delta R.T. 0.000 min

Lab File: BN027872.D

Acq: 26 Sep 2023 21:33

Instrument :

BNA_N

ClientSampleId :

SLCS611

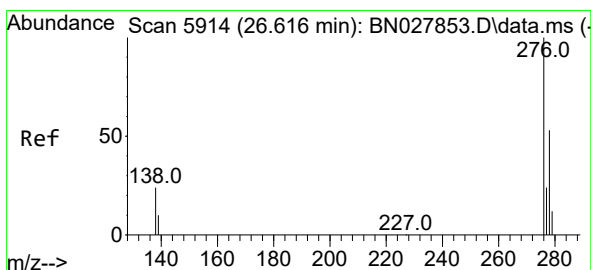
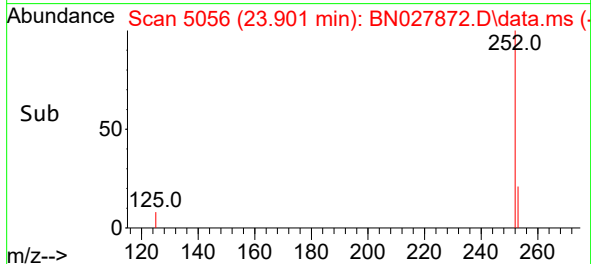
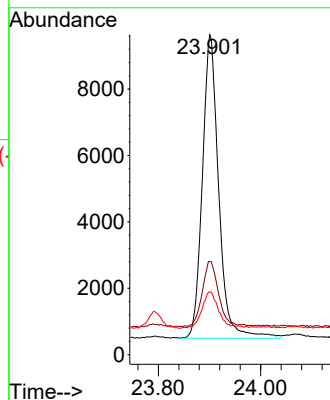
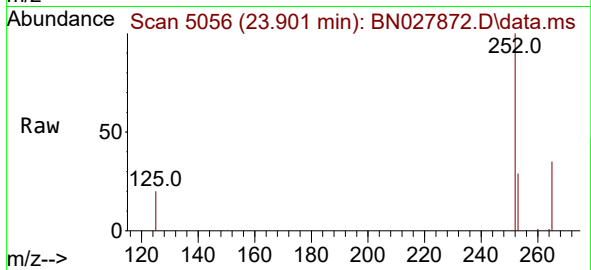
Tgt Ion:252 Resp: 20231

Ion Ratio Lower Upper

252 100

253 29.1 21.9 32.9

125 19.6 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng/ul

RT: 26.612 min Scan# 5913

Delta R.T. -0.021 min

Lab File: BN027872.D

Acq: 26 Sep 2023 21:33

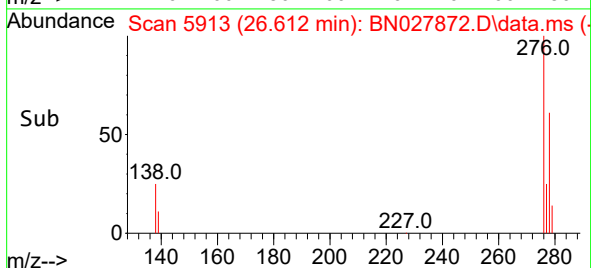
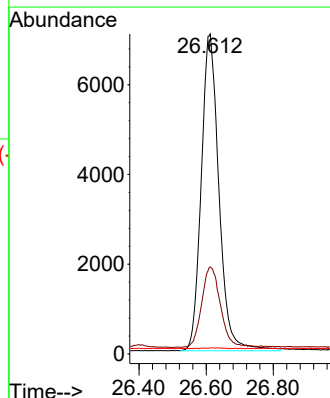
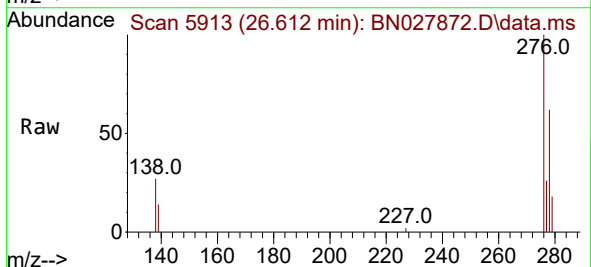
Tgt Ion:276 Resp: 25819

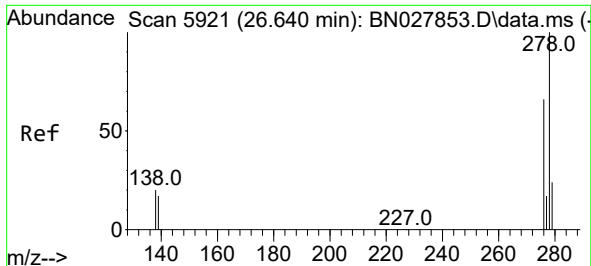
Ion Ratio Lower Upper

276 100

138 26.9 24.3 36.5

227 0.0 0.0 0.0#

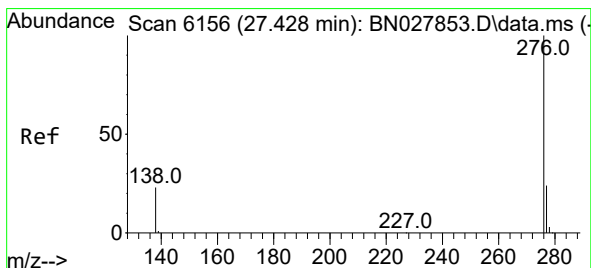
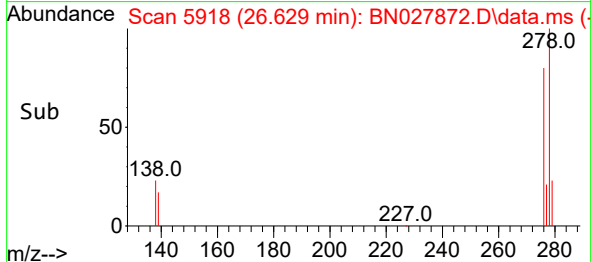
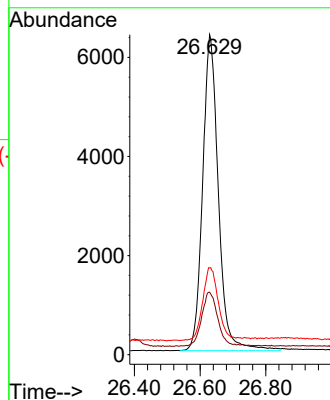
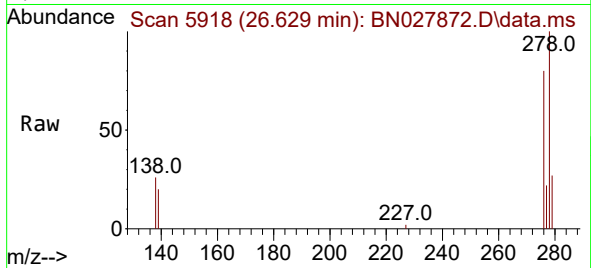




#28
 Dibenzo(a,h)anthracene
 Concen: 0.364 ng/ul
 RT: 26.629 min Scan# 5918
 Delta R.T. -0.027 min
 Lab File: BN027872.D
 Acq: 26 Sep 2023 21:33

Instrument :
 BNA_N
 ClientSampleId :
 SLCS611

Tgt Ion:278 Resp: 21121
 Ion Ratio Lower Upper
 278 100
 139 19.5 17.2 25.8
 279 27.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.353 ng/ul
 RT: 27.421 min Scan# 6154
 Delta R.T. -0.034 min
 Lab File: BN027872.D
 Acq: 26 Sep 2023 21:33

Tgt Ion:276 Resp: 21593
 Ion Ratio Lower Upper
 276 100
 138 25.4 21.7 32.5
 277 24.8 20.2 30.2

