

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027861.D
 Acq On : 26 Sep 2023 14:18
 Operator : MA/JU
 Sample : PB155730BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS730

Quant Time: Sep 27 03:00:26 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)

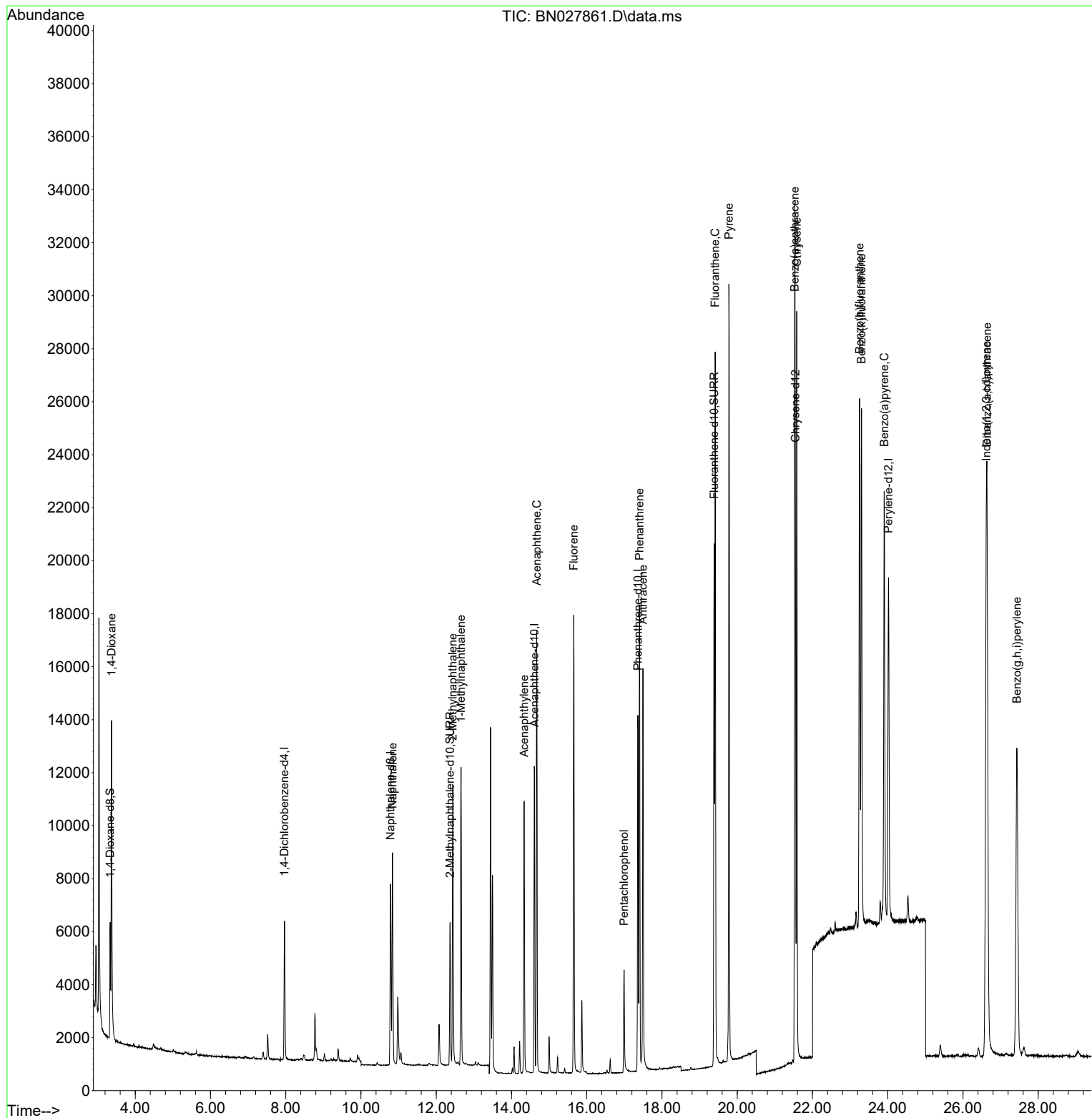
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2809	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	9693	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	6499	0.400	ng/ul	0.02
13) Phenanthrene-d10	17.359	188	15516	0.400	ng/ul	0.02
17) Chrysene-d12	21.545	240	16030	0.400	ng/ul	0.02
23) Perylene-d12	24.021	264	18568	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3021	0.854	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7337	0.500	ng/ul	0.01
18) Fluoranthene-d10	19.385	212	20887	0.427	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	8887	2.413	ng/ul#	86
5) Naphthalene	10.839	128	11332	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	7716	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	7598	0.419	ng/ul	99
10) Acenaphthylene	14.337	152	12333	0.434	ng/ul	100
11) Acenaphthene	14.671	153	9441	0.385	ng/ul	99
12) Fluorene	15.656	166	11212	0.389	ng/ul	99
14) Pentachlorophenol	16.991	266	2846	0.784	ng/ul	98
15) Phenanthrene	17.401	178	19196	0.394	ng/ul	99
16) Anthracene	17.494	178	17289	0.424	ng/ul	99
19) Fluoranthene	19.413	202	23469	0.362	ng/ul	98
20) Pyrene	19.780	202	24644	0.369	ng/ul	99
21) Benzo(a)anthracene	21.530	228	25500	0.411	ng/ul	99
22) Chrysene	21.583	228	24785	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.252	252	27388	0.331	ng/ul	96
25) Benzo(k)fluoranthene	23.302	252	27682	0.345	ng/ul	96
26) Benzo(a)pyrene	23.907	252	26253	0.394	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.619	276	33960	0.398	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.640	278	27851	0.406	ng/ul	98
29) Benzo(g,h,i)perylene	27.431	276	28059	0.387	ng/ul	98

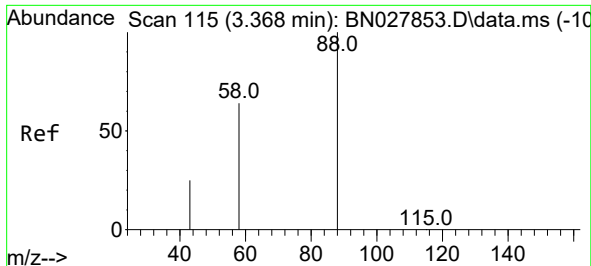
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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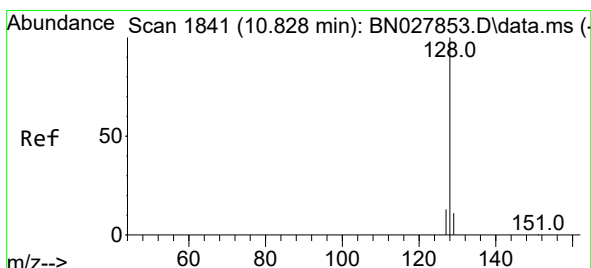
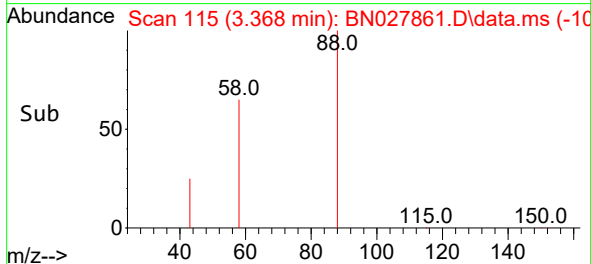
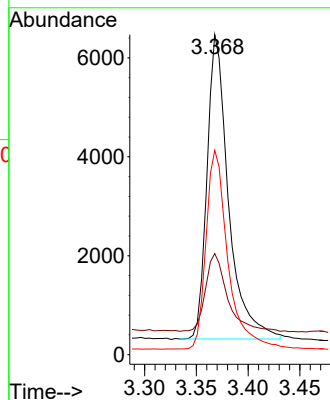
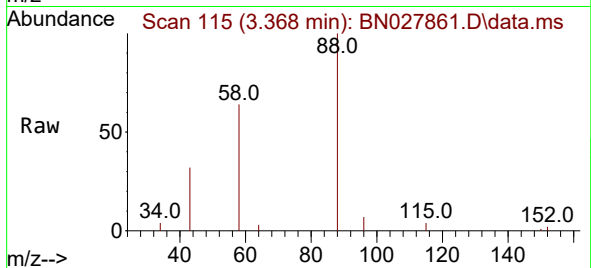




#2
1,4-Dioxane
Concen: 2.413 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

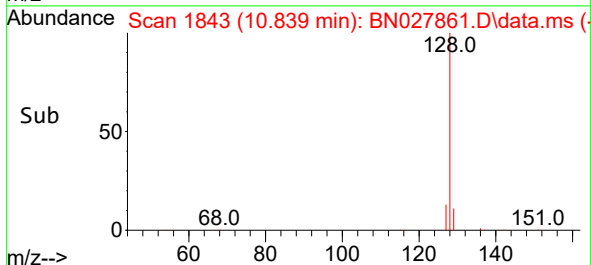
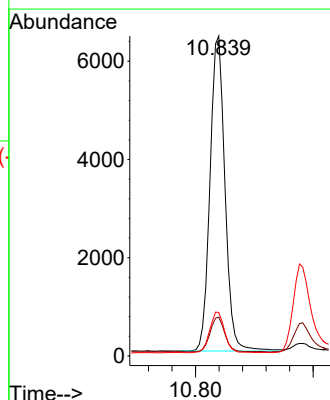
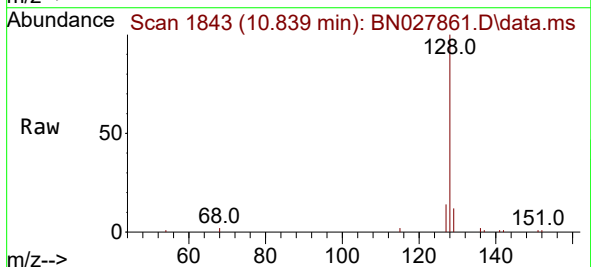
Instrument :
BNA_N
ClientSampleId :
SLCS730

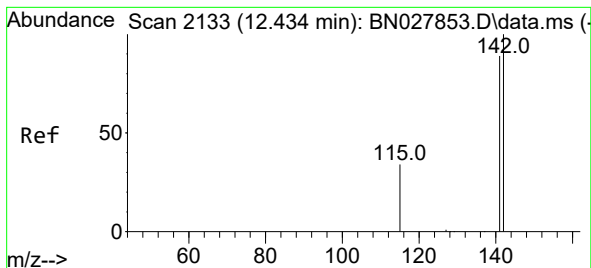
Tgt Ion: 88 Resp: 8887
Ion Ratio Lower Upper
88 100
43 31.6 39.6 59.4#
58 63.9 48.3 72.5



#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.012 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Tgt Ion:128 Resp: 11332
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.6 10.7 16.1

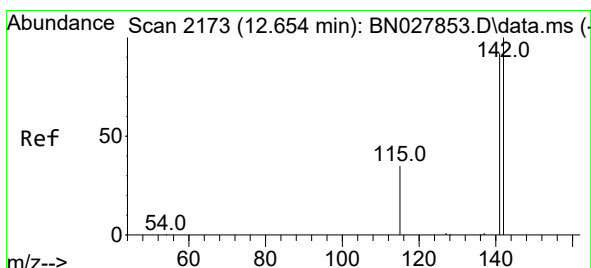
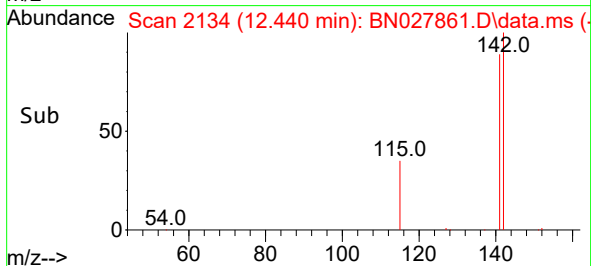
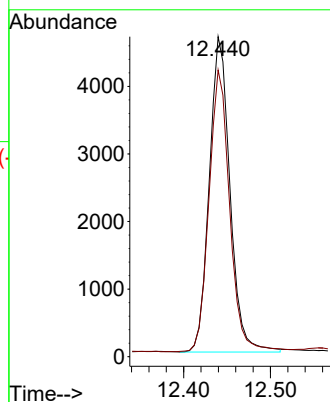
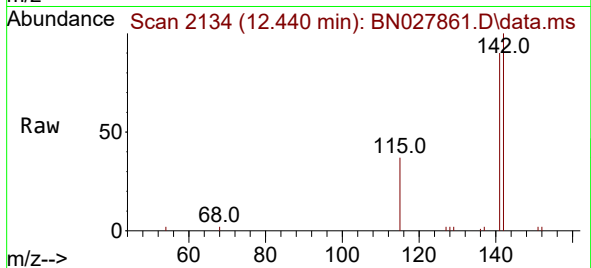




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

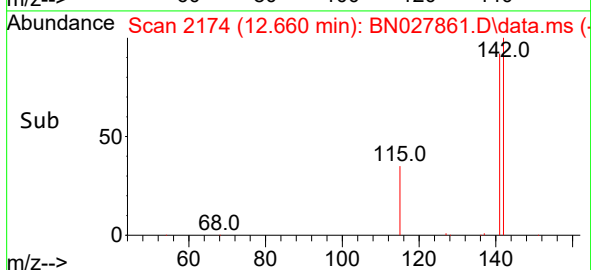
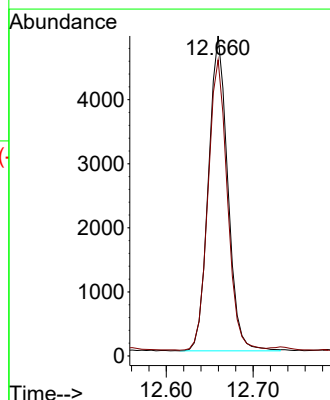
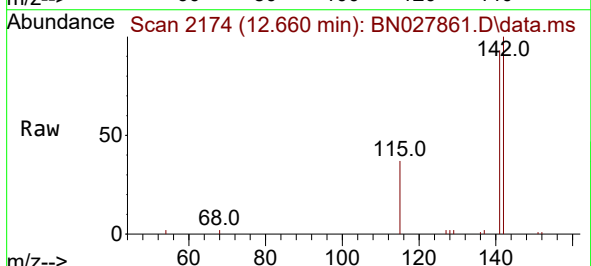
Instrument :
BNA_N
ClientSampleId :
SLCS730

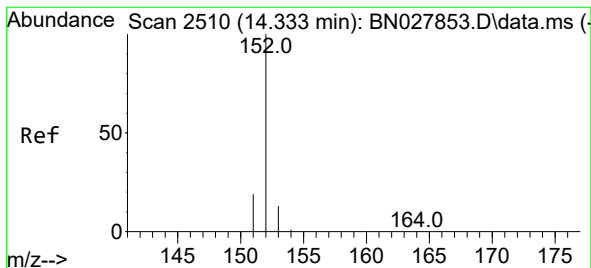
Tgt Ion:142 Resp: 7716
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Tgt Ion:142 Resp: 7598
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2





#10

Acenaphthylene

Concen: 0.434 ng/ul

RT: 14.337 min Scan# 2510

Delta R.T. 0.018 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

Instrument :

BNA_N

ClientSampleId :

SLCS730

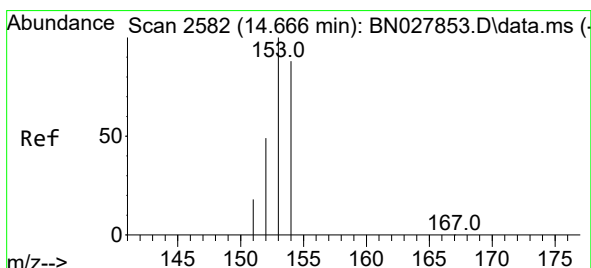
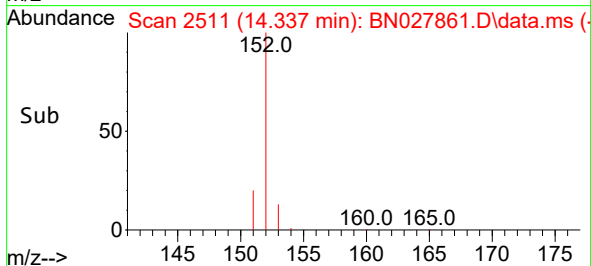
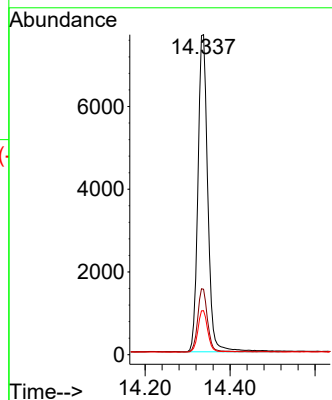
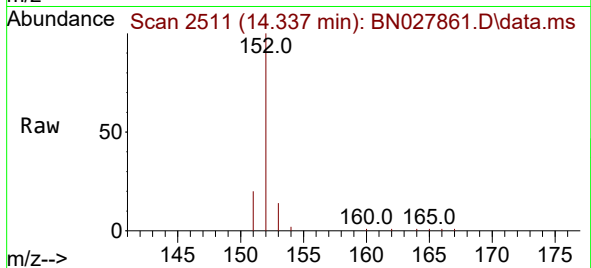
Tgt Ion:152 Resp: 12333

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

153 13.8 11.0 16.6



#11

Acenaphthene

Concen: 0.385 ng/ul

RT: 14.671 min Scan# 2583

Delta R.T. 0.018 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

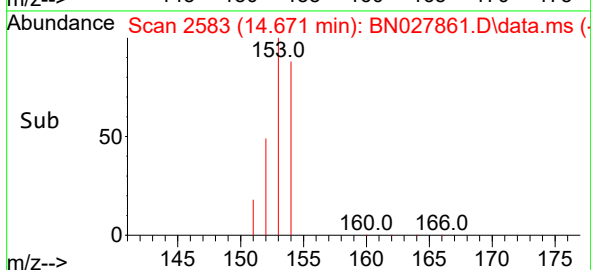
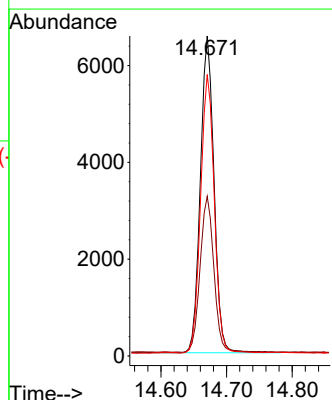
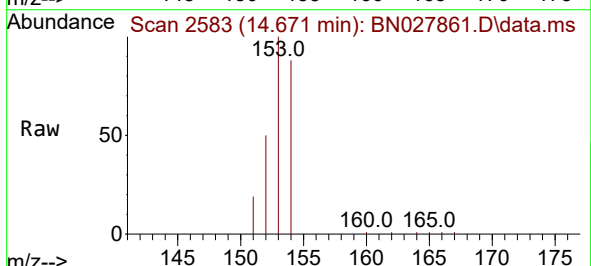
Tgt Ion:153 Resp: 9441

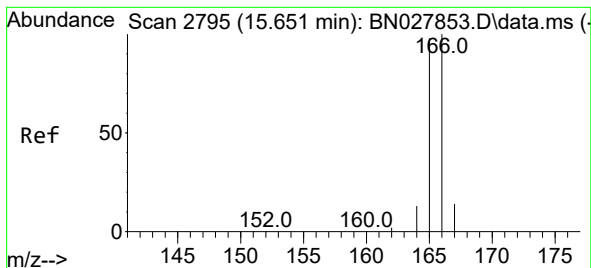
Ion Ratio Lower Upper

153 100

152 49.9 41.7 62.5

154 88.0 70.3 105.5





#12

Fluorene

Concen: 0.389 ng/ul

RT: 15.656 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

Instrument :

BNA_N

ClientSampleId :

SLCS730

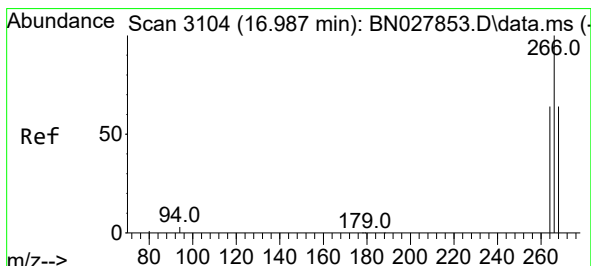
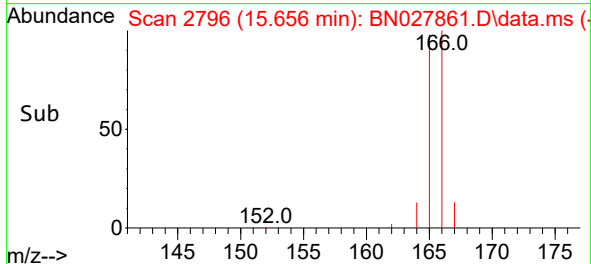
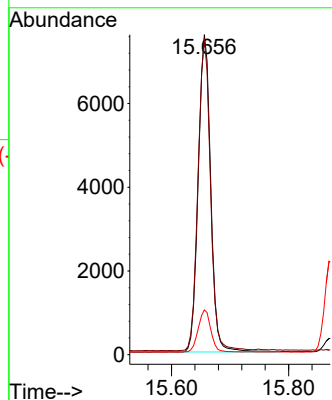
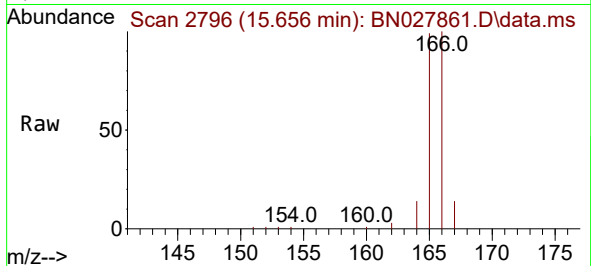
Tgt Ion:166 Resp: 11212

Ion Ratio Lower Upper

166 100

165 98.8 78.0 117.0

167 14.0 11.4 17.2



#14

Pentachlorophenol

Concen: 0.784 ng/ul

RT: 16.991 min Scan# 3105

Delta R.T. 0.021 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

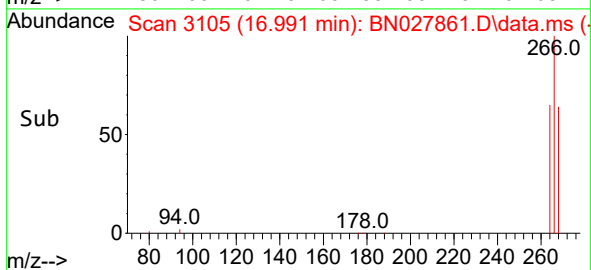
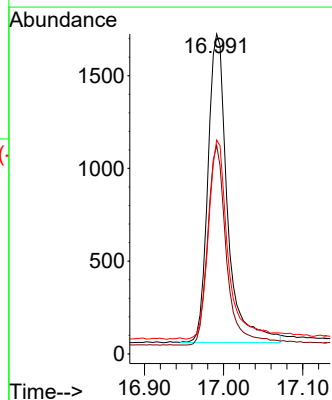
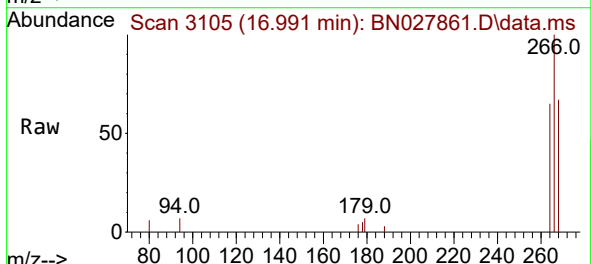
Tgt Ion:266 Resp: 2846

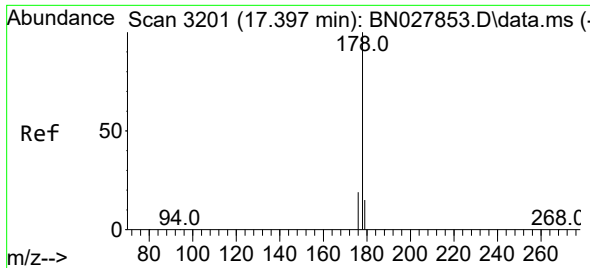
Ion Ratio Lower Upper

266 100

264 62.6 49.6 74.4

268 65.2 50.7 76.1

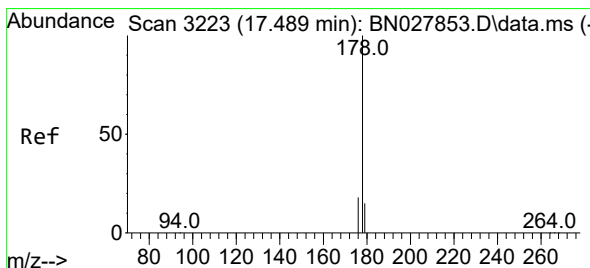
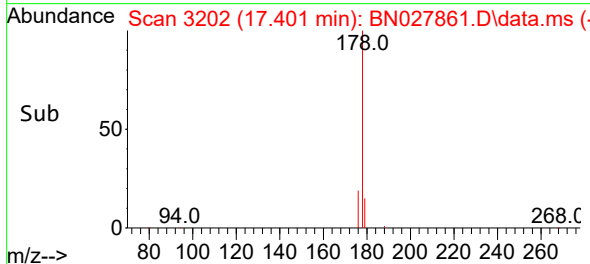
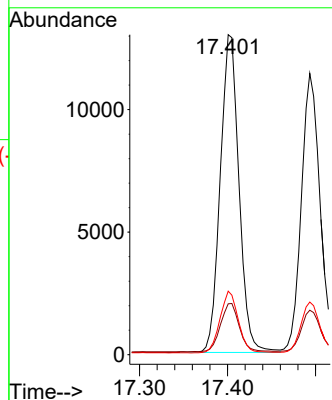
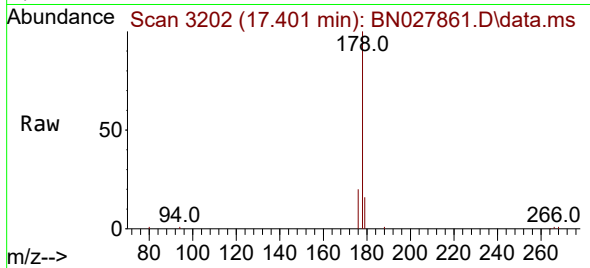




#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.401 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

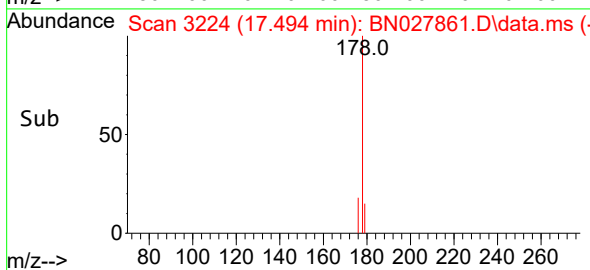
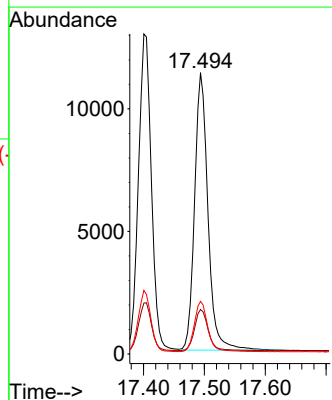
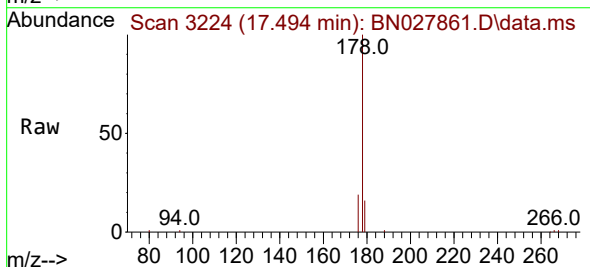
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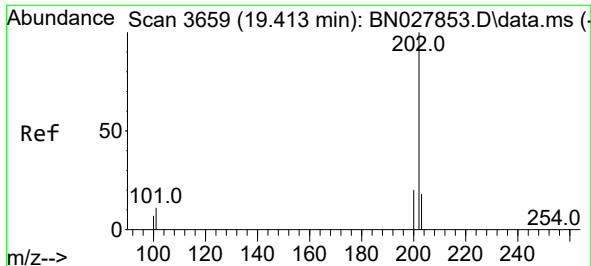
Tgt Ion:178 Resp: 19196
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.494 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Tgt Ion:178 Resp: 17289
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.7 15.5 23.3

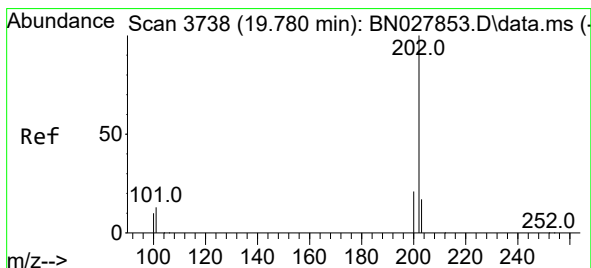
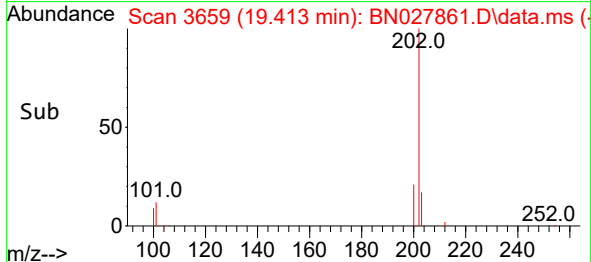
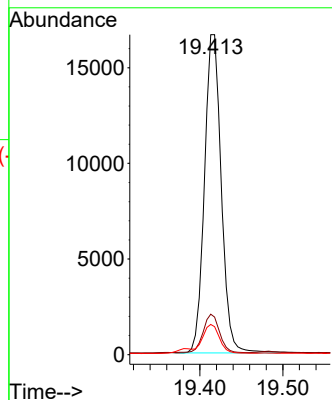
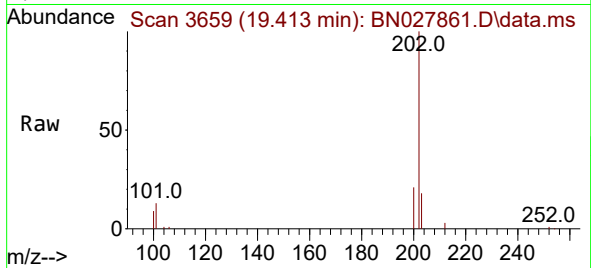




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.018 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

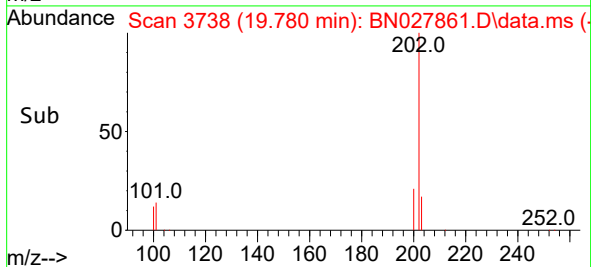
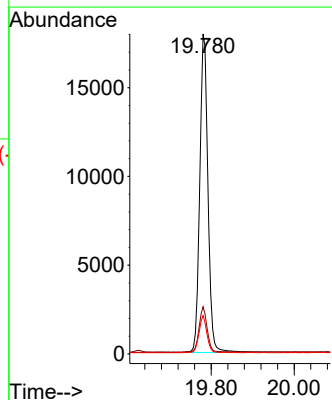
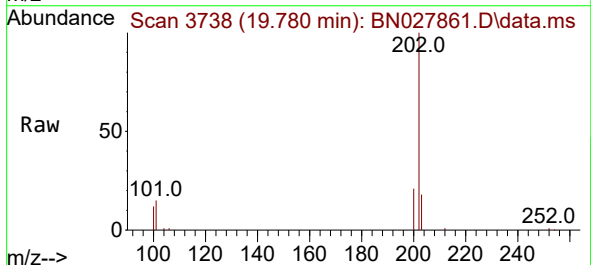
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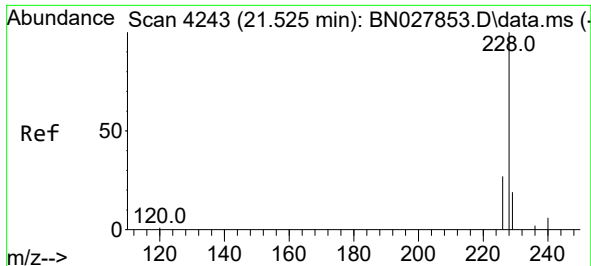
Tgt Ion:202 Resp: 23469
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 9.5 7.0 10.4



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Tgt Ion:202 Resp: 24644
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 12.0 9.1 13.7

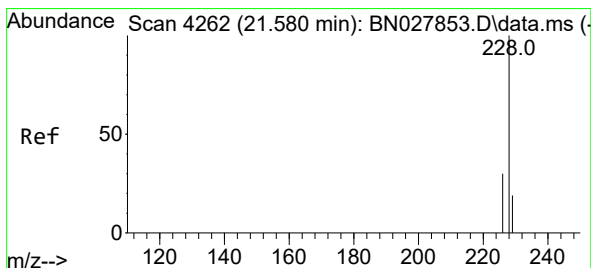
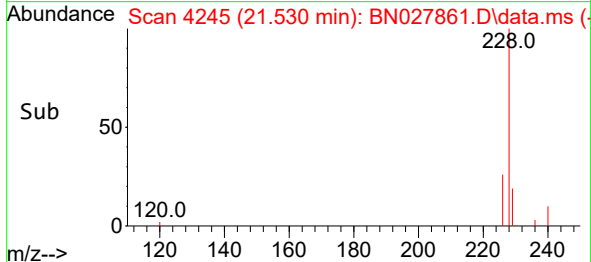
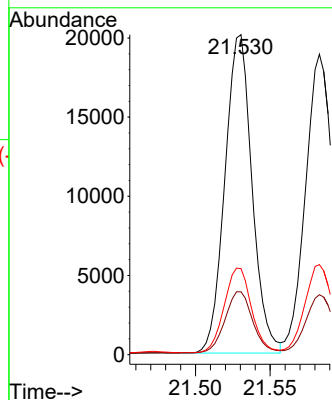
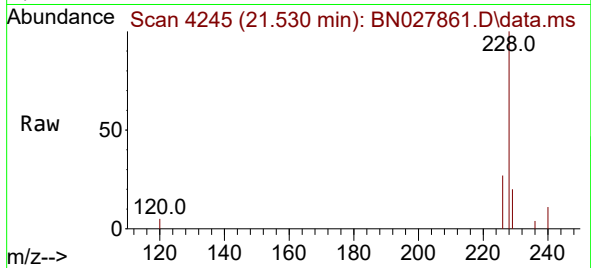




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.530 min Scan# 4243
Delta R.T. 0.027 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

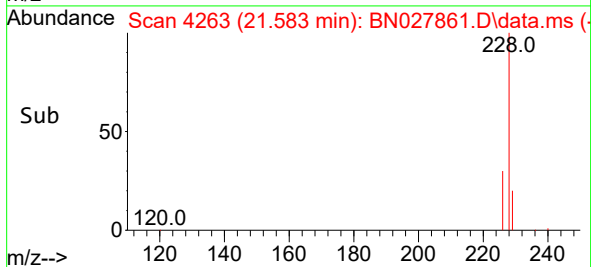
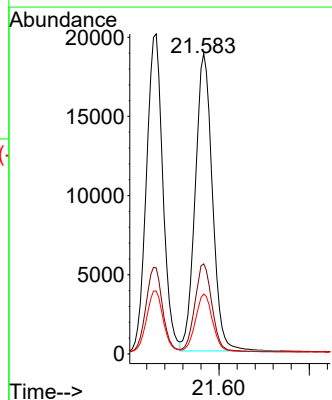
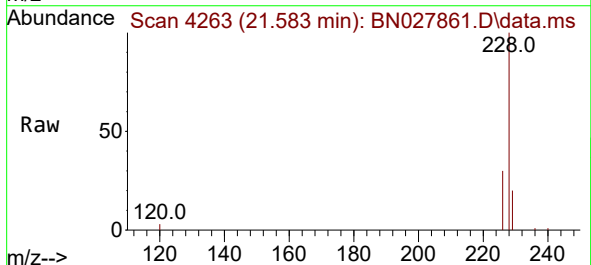
Instrument :
BNA_N
ClientSampleId :
SLCS730

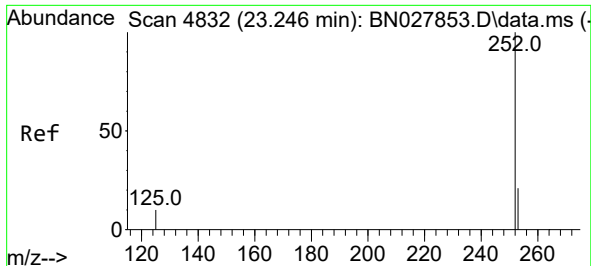
Tgt Ion:228 Resp: 25500
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 26.9 22.0 33.0



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. 0.024 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

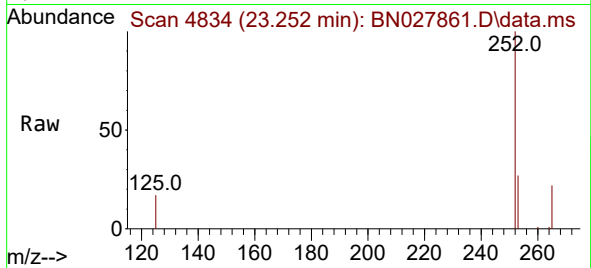
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Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.0 16.0 24.0



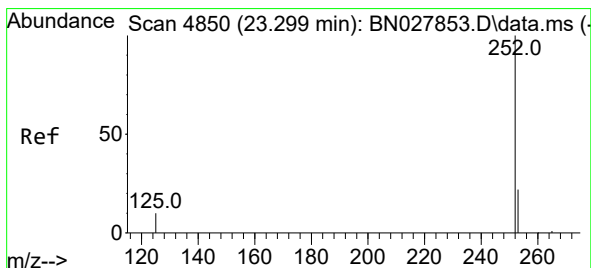
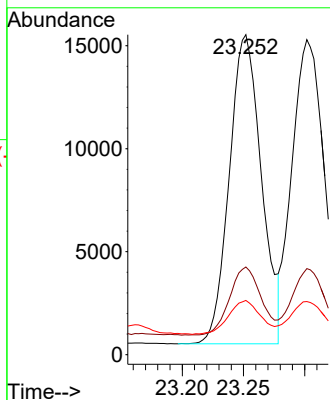


#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.252 min Scan# 4834
Delta R.T. 0.012 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SLCS730

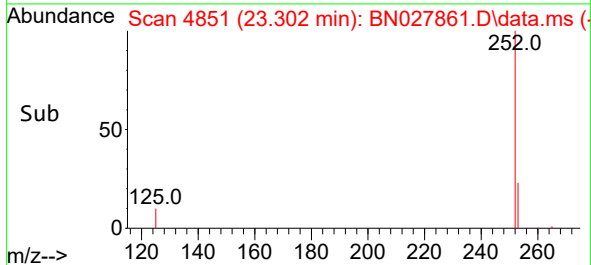
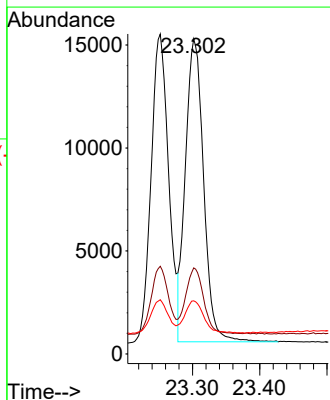
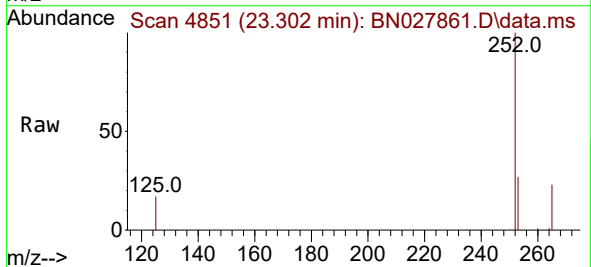


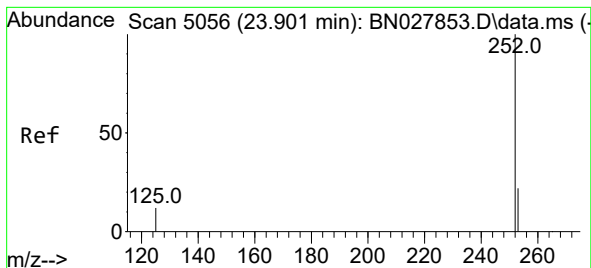
Tgt Ion:252 Resp: 27388
Ion Ratio Lower Upper
252 100
253 27.4 0.0 50.2
125 17.0 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. 0.009 min
Lab File: BN027861.D
Acq: 26 Sep 2023 14:18

Tgt Ion:252 Resp: 27682
Ion Ratio Lower Upper
252 100
253 27.3 19.9 29.9
125 16.9 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.907 min Scan# 5056

Delta R.T. 0.006 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

Instrument :

BNA_N

ClientSampleId :

SLCS730

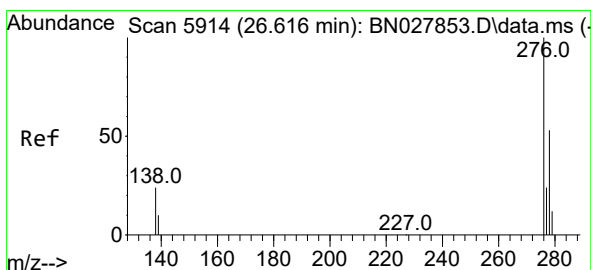
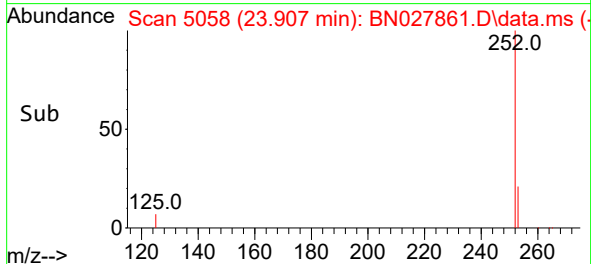
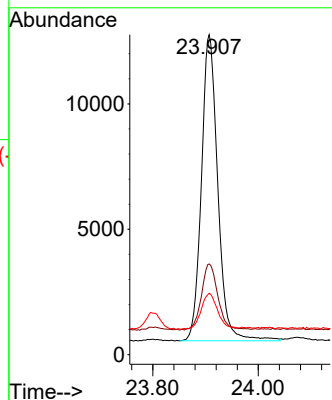
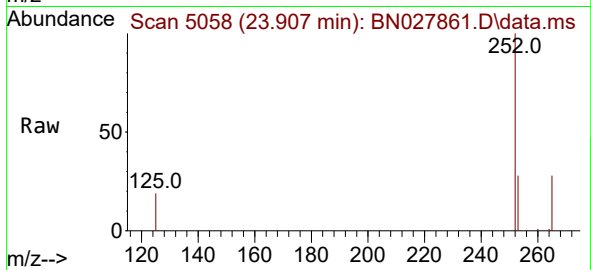
Tgt Ion:252 Resp: 26253

Ion Ratio Lower Upper

252 100

253 28.4 21.9 32.9

125 19.2 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.398 ng/ul

RT: 26.619 min Scan# 5915

Delta R.T. -0.014 min

Lab File: BN027861.D

Acq: 26 Sep 2023 14:18

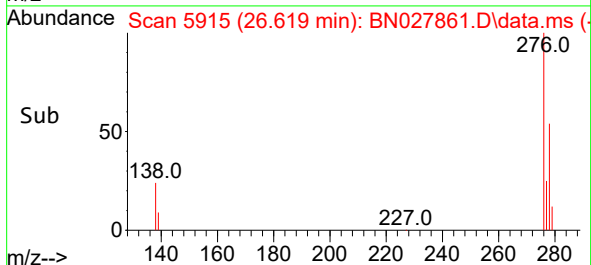
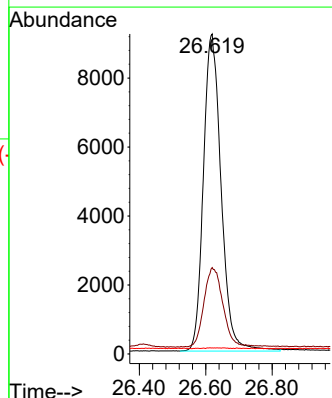
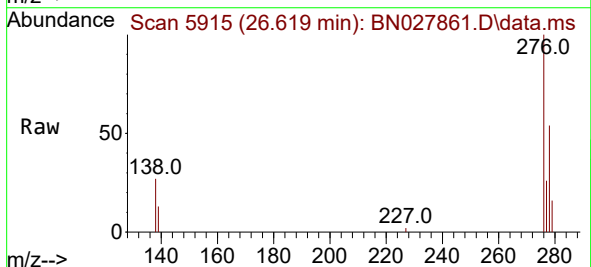
Tgt Ion:276 Resp: 33960

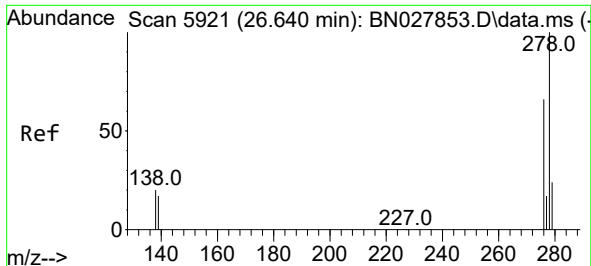
Ion Ratio Lower Upper

276 100

138 26.6 24.3 36.5

227 0.1 0.0 0.0#

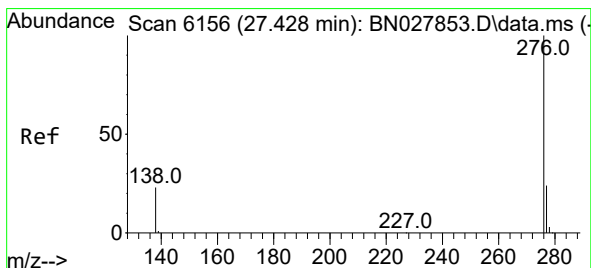
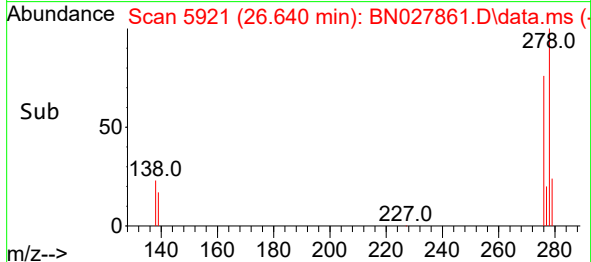
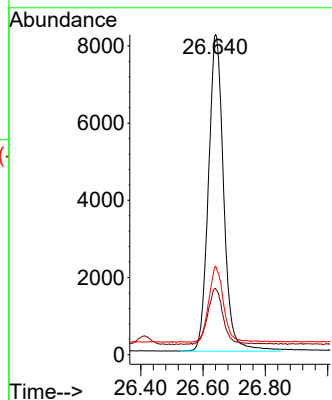
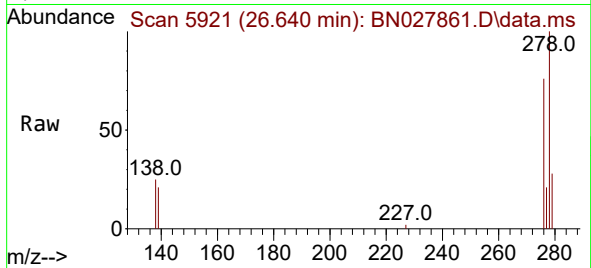




#28
 Dibenzo(a,h)anthracene
 Concen: 0.406 ng/ul
 RT: 26.640 min Scan# 5921
 Delta R.T. -0.017 min
 Lab File: BN027861.D
 Acq: 26 Sep 2023 14:18

Instrument :
 BNA_N
 ClientSampleId :
 SLCS730

Tgt Ion:278 Resp: 27851
 Ion Ratio Lower Upper
 278 100
 139 20.7 17.2 25.8
 279 27.7 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.387 ng/ul
 RT: 27.431 min Scan# 6157
 Delta R.T. -0.024 min
 Lab File: BN027861.D
 Acq: 26 Sep 2023 14:18

Tgt Ion:276 Resp: 28059
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.7 32.5
 277 25.0 20.2 30.2

