

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042123\
 Data File : BN025059.D
 Acq On : 21 Apr 2023 17:02
 Operator : CG/JU
 Sample : PB152232BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS233

Quant Time: Apr 22 00:17:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

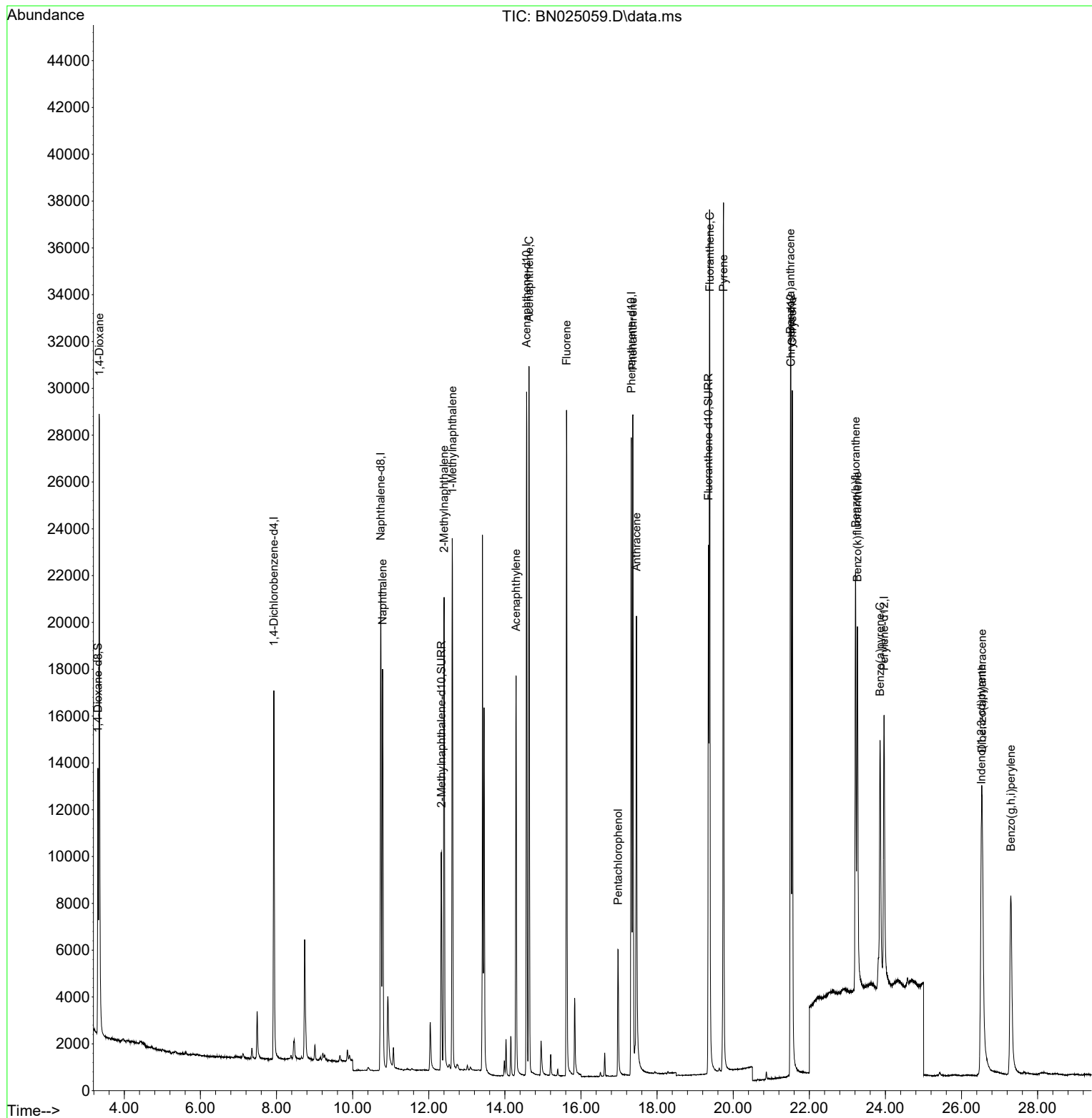
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	8857	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	27755	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.571	164	15792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	33297	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	21467	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	16954	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	6705	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12816	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	25536	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	16712	1.692	ng/ul	89
5) Naphthalene	10.787	128	24305	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.404	142	15051	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	15952	0.344	ng/ul	100
10) Acenaphthylene	14.294	152	19935	0.339	ng/ul	100
11) Acenaphthene	14.636	153	17205	0.347	ng/ul	99
12) Fluorene	15.621	166	19000	0.343	ng/ul	99
14) Pentachlorophenol	16.972	266	4079	0.624	ng/ul	99
15) Phenanthrene	17.365	178	31232	0.332	ng/ul	100
16) Anthracene	17.458	178	25281	0.329	ng/ul	100
19) Fluoranthene	19.383	202	33411	0.430	ng/ul	99
20) Pyrene	19.745	202	33657	0.422	ng/ul	99
21) Benzo(a)anthracene	21.504	228	23358	0.361	ng/ul	99
22) Chrysene	21.553	228	26729	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	23732	0.345	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	23654	0.358	ng/ul	98
26) Benzo(a)pyrene	23.860	252	18769	0.330	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.518	276	22193	0.338	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.542	278	17134	0.335	ng/ul	99
29) Benzo(g,h,i)perylene	27.296	276	20193	0.362	ng/ul	99

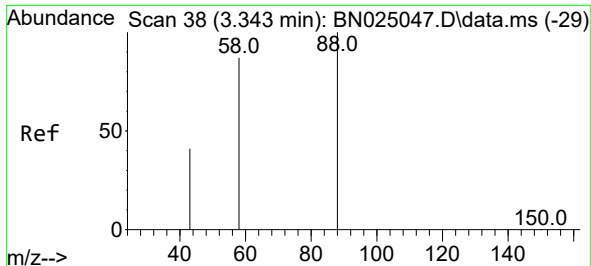
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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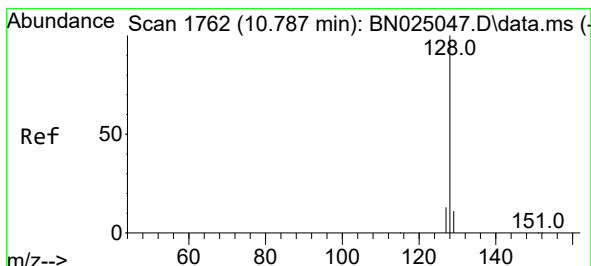
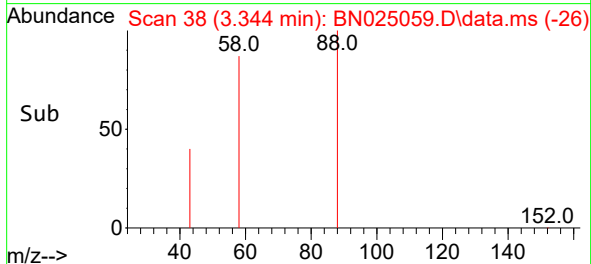
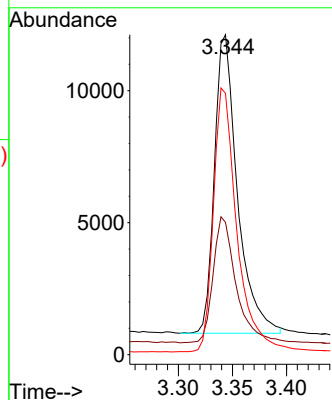
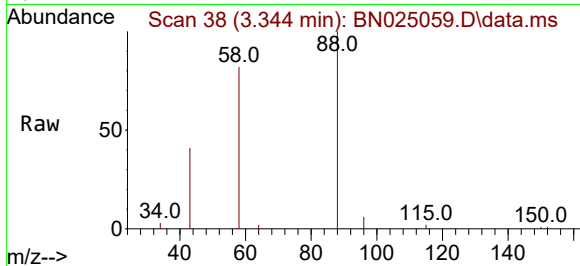




#2
 1,4-Dioxane
 Concen: 1.692 ng/ul
 RT: 3.344 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025059.D
 Acq: 21 Apr 2023 17:02

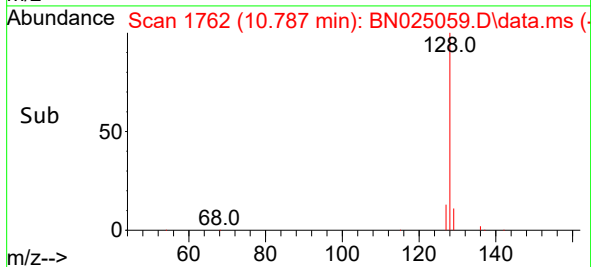
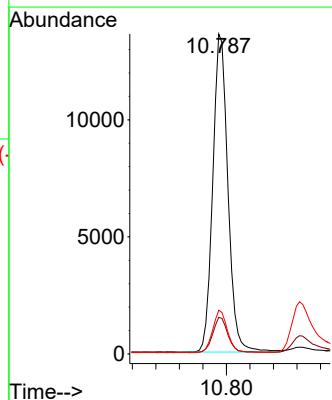
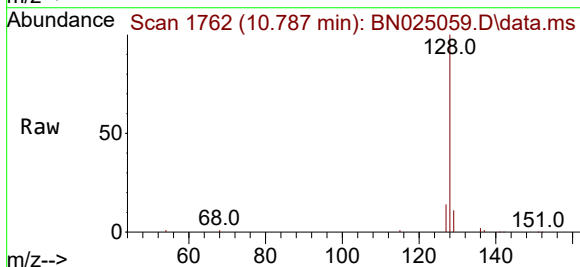
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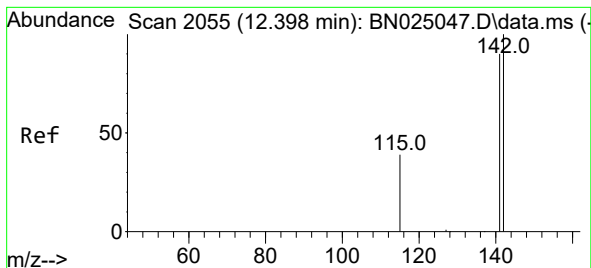
Tgt Ion: 88 Resp: 16712
 Ion Ratio Lower Upper
 88 100
 43 41.3 37.0 55.4
 58 81.7 56.9 85.3



#5
 Naphthalene
 Concen: 0.342 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN025059.D
 Acq: 21 Apr 2023 17:02

Tgt Ion: 128 Resp: 24305
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.6 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.346 ng/ul

RT: 12.404 min Scan# 2056

Delta R.T. 0.000 min

Lab File: BN025059.D

Acq: 21 Apr 2023 17:02

Instrument :

BNA_N

ClientSampleId :

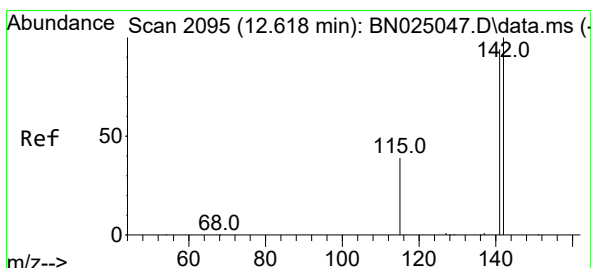
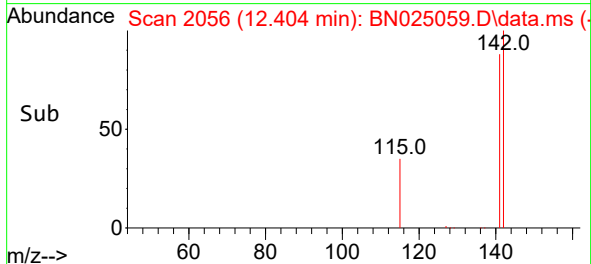
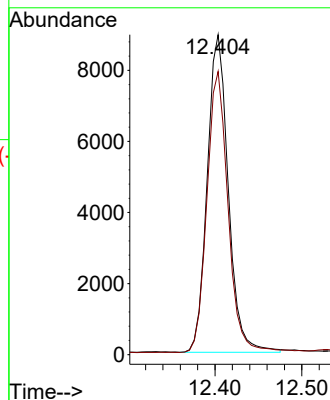
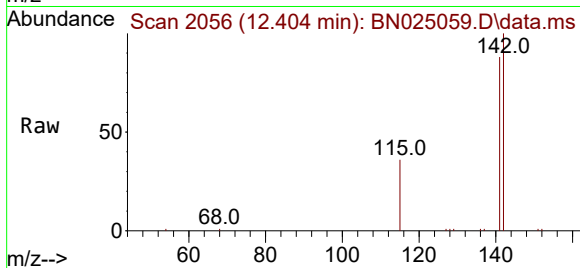
SLCS233

Tgt Ion:142 Resp: 15051

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.0



#8

1-Methylnaphthalene

Concen: 0.344 ng/ul

RT: 12.618 min Scan# 2095

Delta R.T. -0.005 min

Lab File: BN025059.D

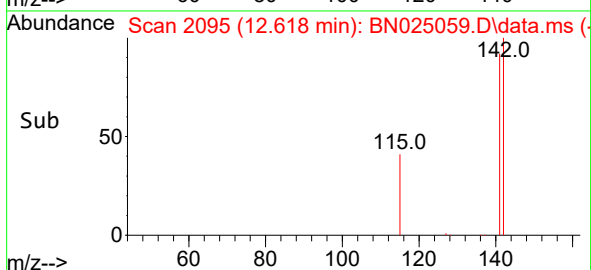
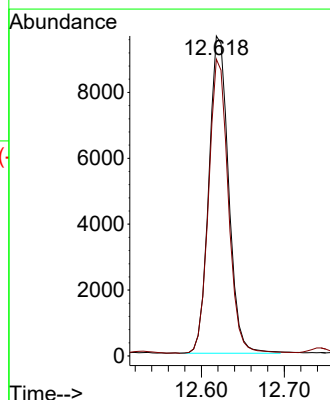
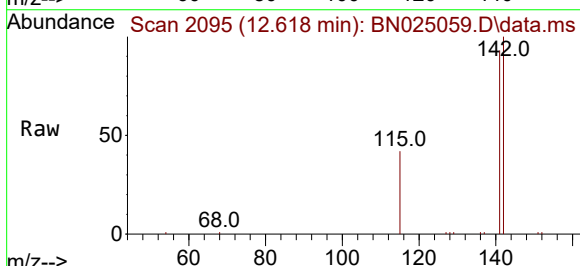
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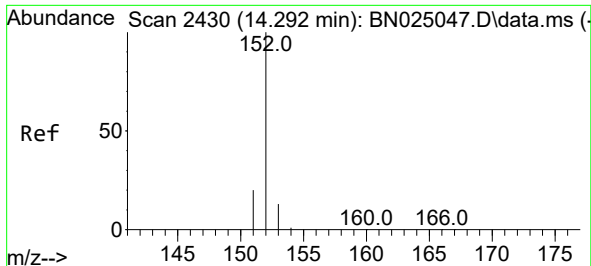
Tgt Ion:142 Resp: 15952

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

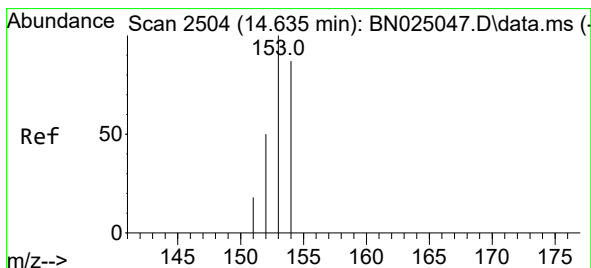
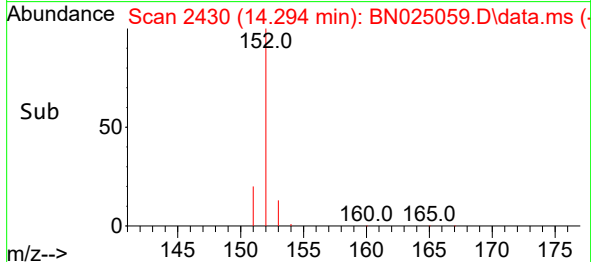
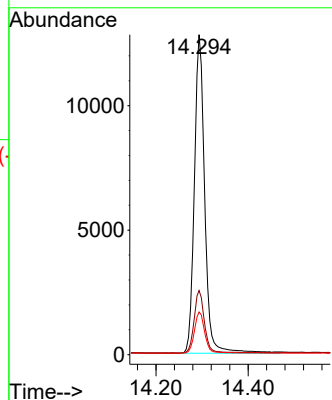
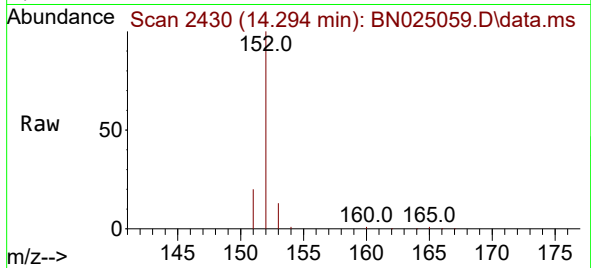




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.294 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

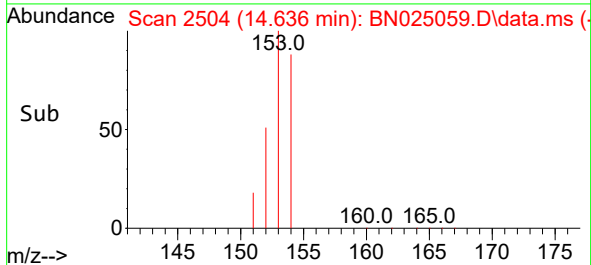
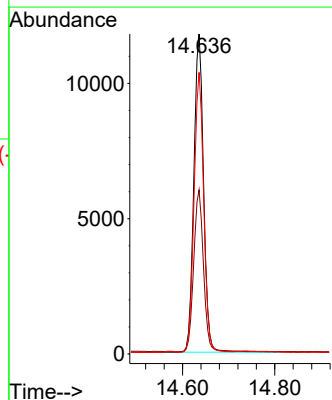
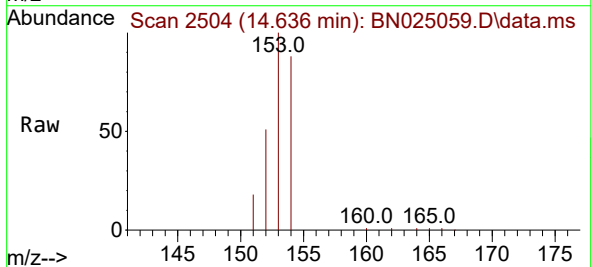
Instrument :
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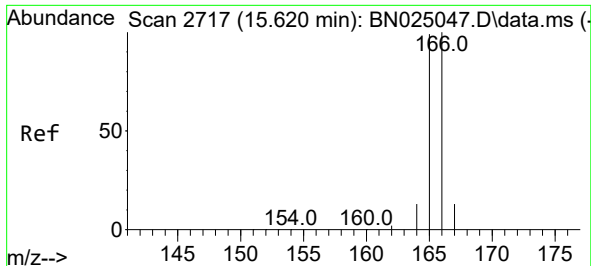
Tgt Ion:152 Resp: 19935
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.636 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Tgt Ion:153 Resp: 17205
Ion Ratio Lower Upper
153 100
152 51.3 40.2 60.4
154 88.0 69.4 104.2

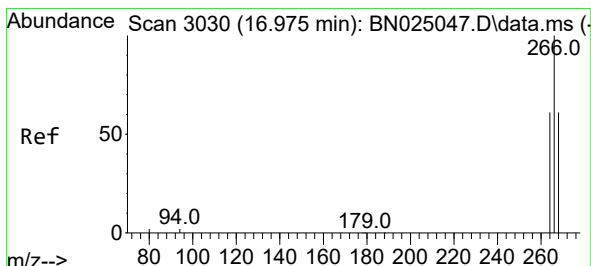
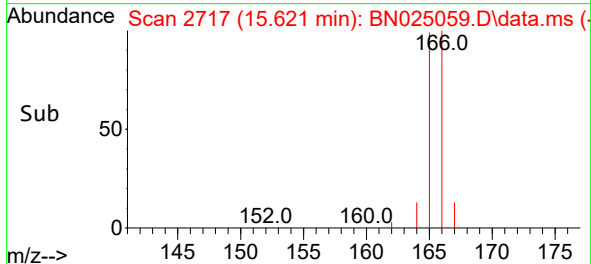
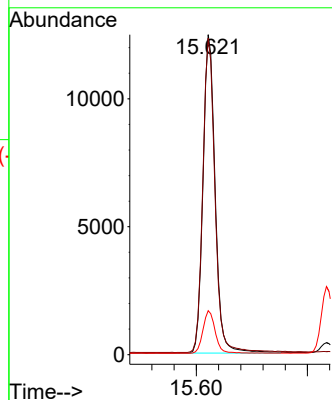
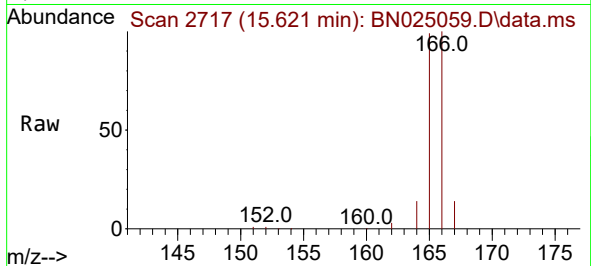




#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

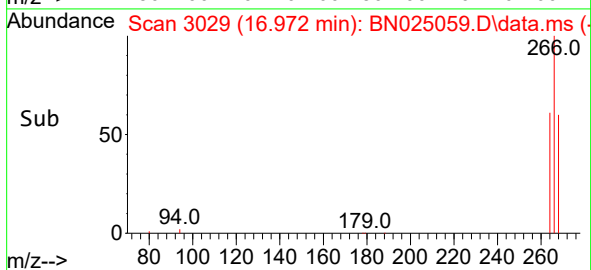
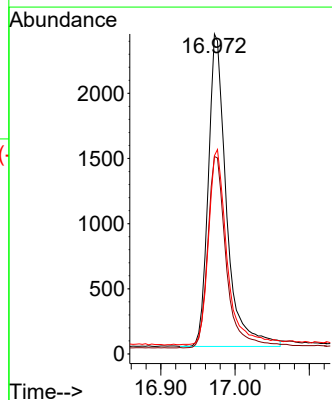
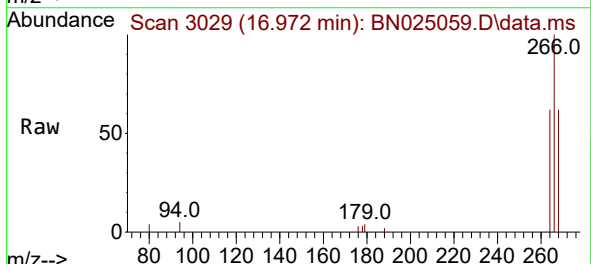
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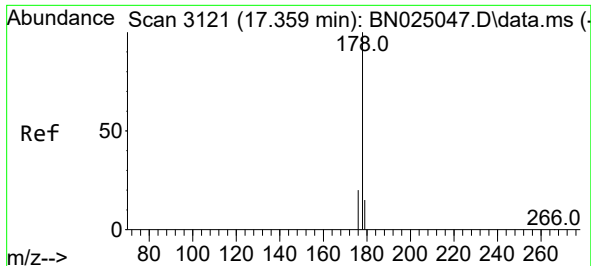
Tgt Ion:166 Resp: 19000
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.624 ng/ul
RT: 16.972 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Tgt Ion:266 Resp: 4079
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 63.8 51.3 76.9

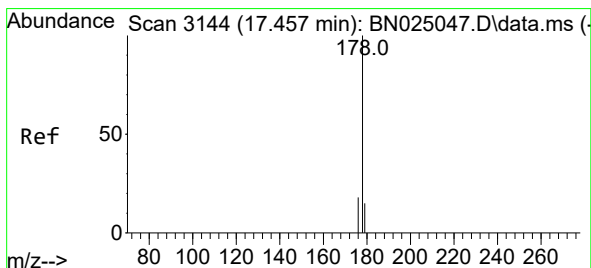
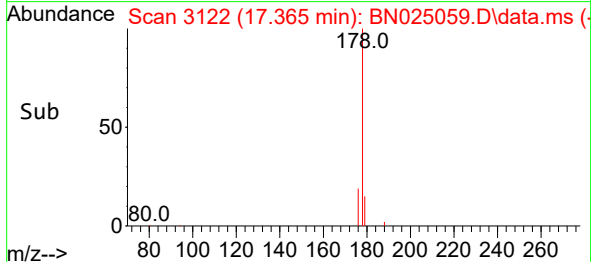
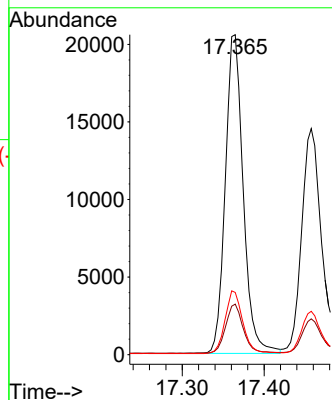
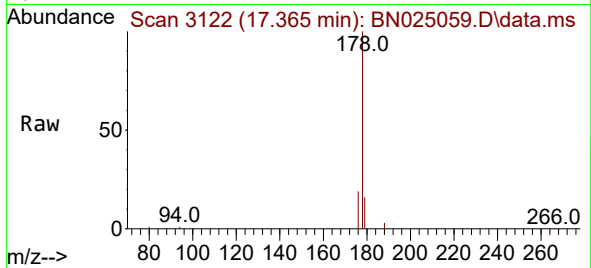




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

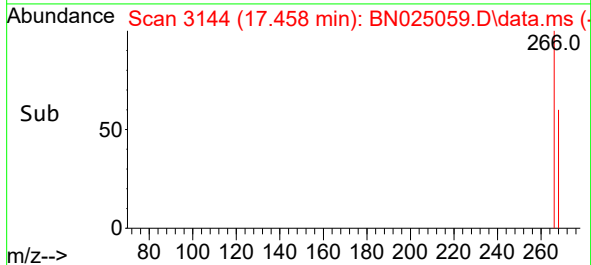
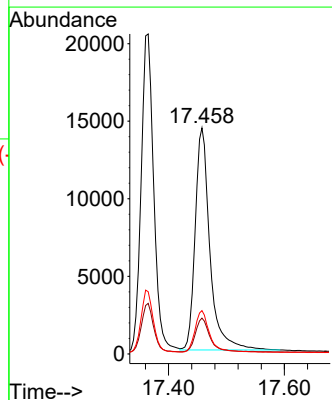
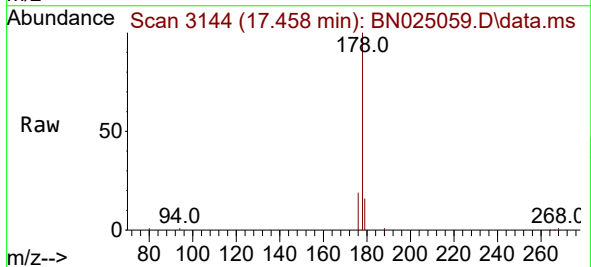
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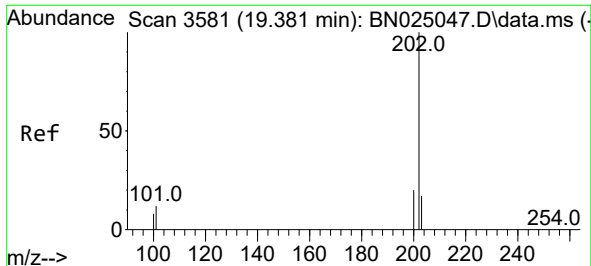
Tgt Ion:178 Resp: 31232
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.458 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Tgt Ion:178 Resp: 25281
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.2 15.3 22.9

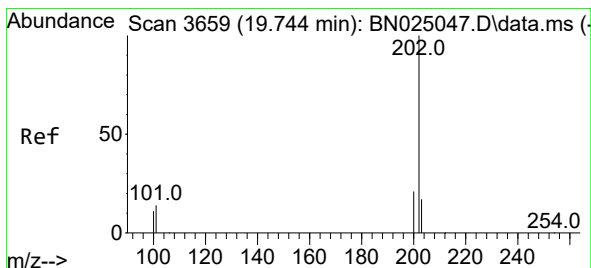
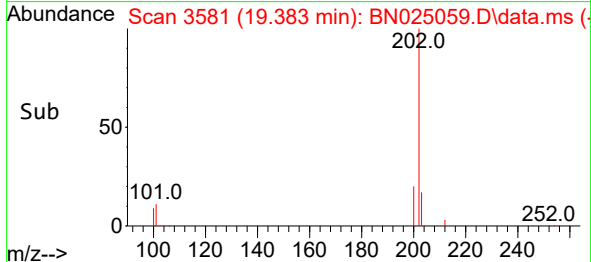
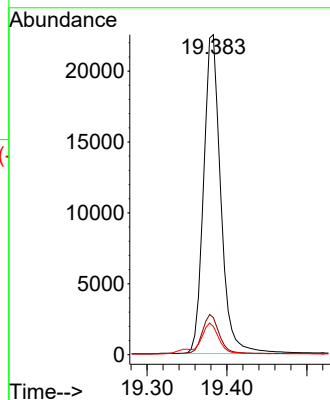
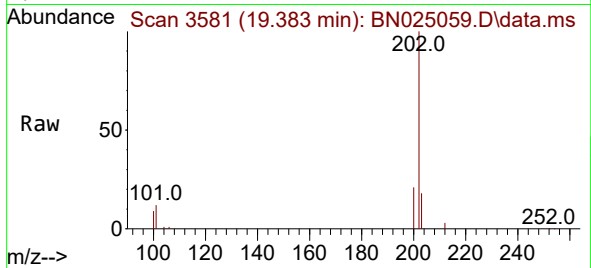




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. 0.001 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

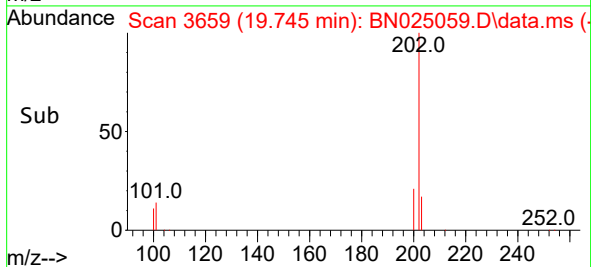
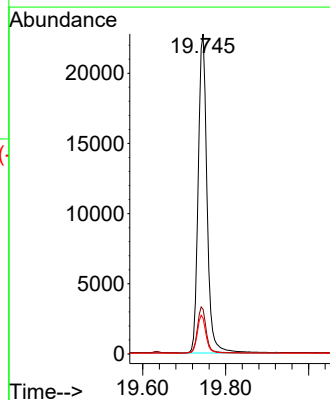
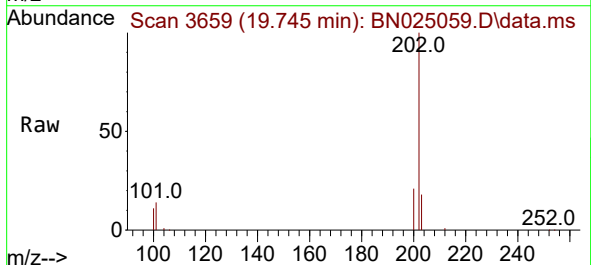
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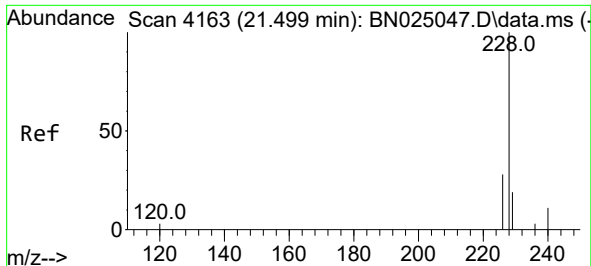
Tgt Ion:202 Resp: 33411
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. 0.001 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

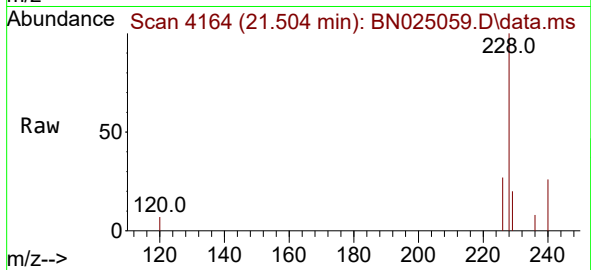
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Ion Ratio Lower Upper
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101 13.9 11.3 16.9
100 11.2 9.2 13.8



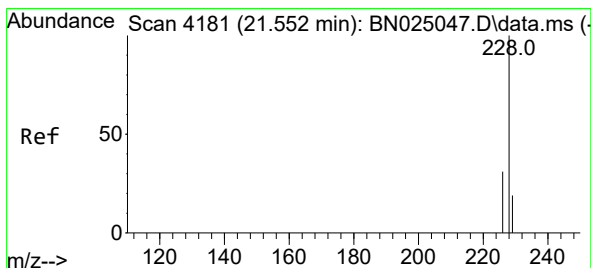
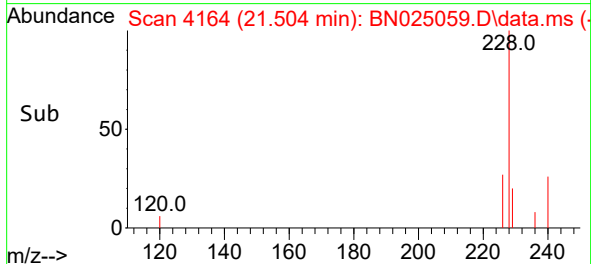
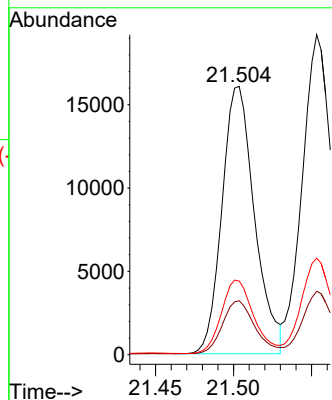


#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.504 min Scan# 4164
Delta R.T. 0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Instrument :
BNA_N
ClientSampleId :
SLCS233

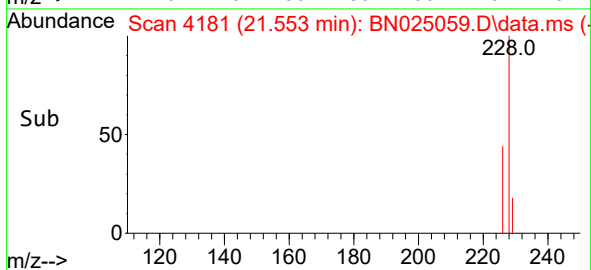
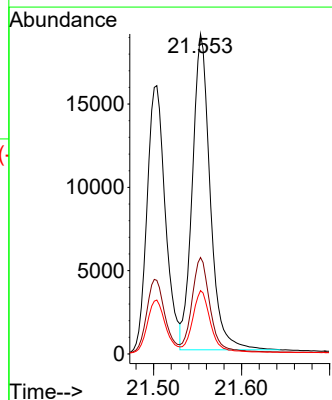
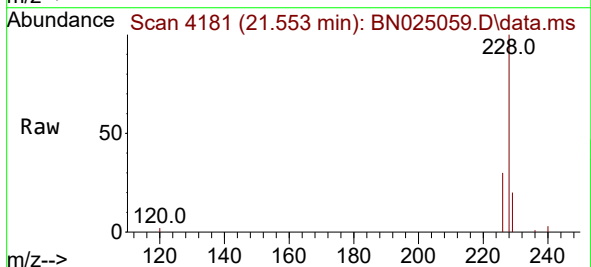


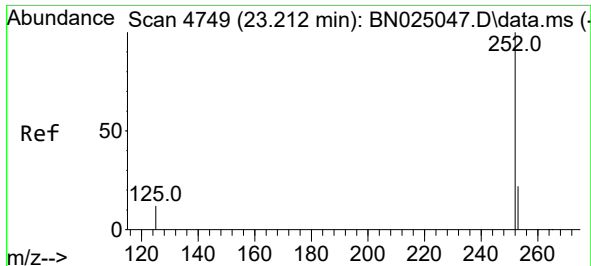
Tgt Ion:228 Resp: 23358
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

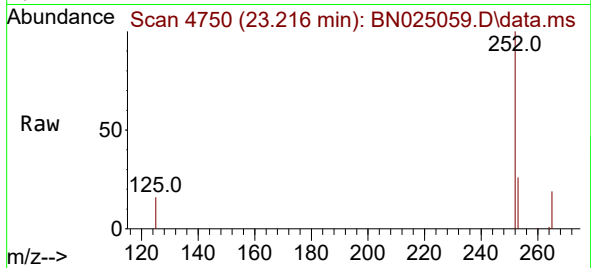
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Ion Ratio Lower Upper
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226 30.1 24.5 36.7
229 19.8 15.8 23.6



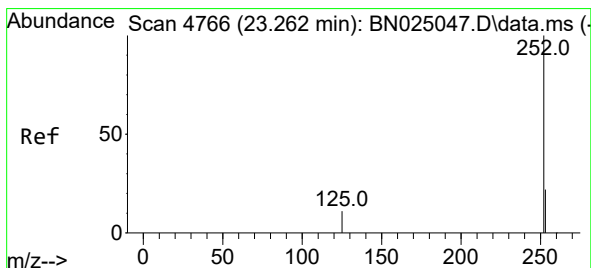
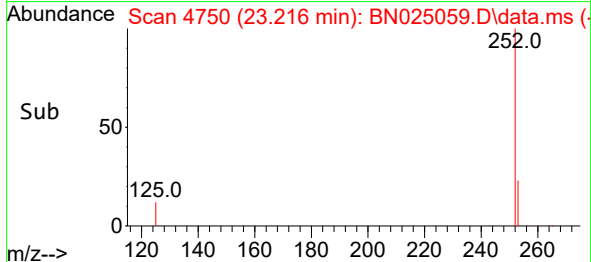
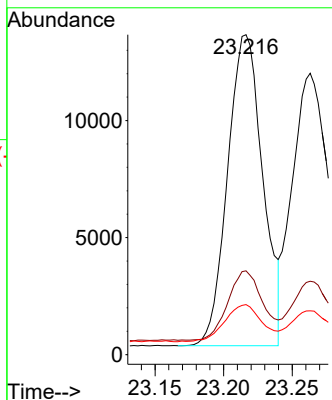


#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.216 min Scan# 4750
Delta R.T. 0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Instrument :
BNA_N
ClientSampleId :
SLCS233

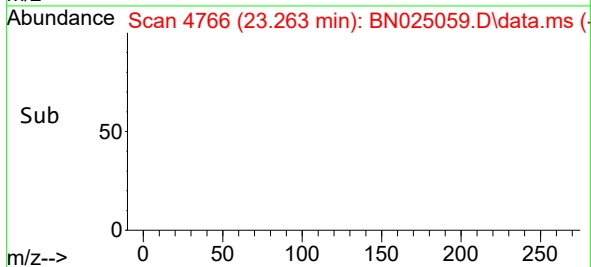
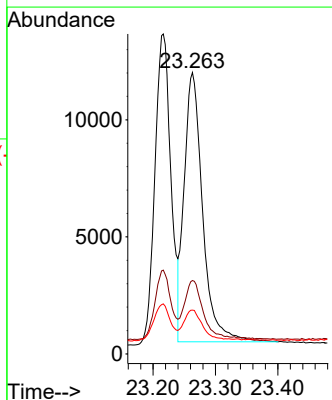
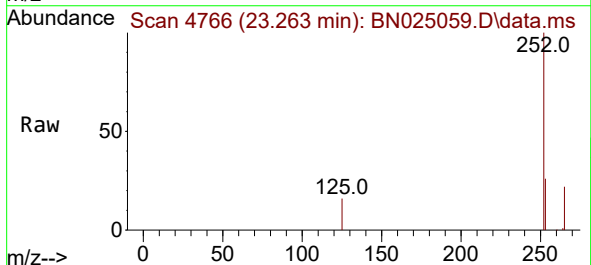


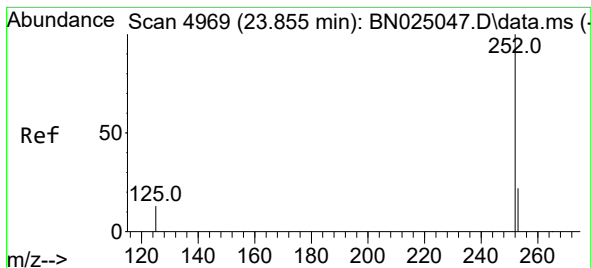
Tgt Ion:252 Resp: 23732
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.2
125 15.7 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.263 min Scan# 4766
Delta R.T. 0.001 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Tgt Ion:252 Resp: 23654
Ion Ratio Lower Upper
252 100
253 26.1 20.2 30.4
125 15.6 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 23.860 min Scan# 4969

Delta R.T. 0.004 min

Lab File: BN025059.D

Acq: 21 Apr 2023 17:02

Instrument :

BNA_N

ClientSampleId :

SLCS233

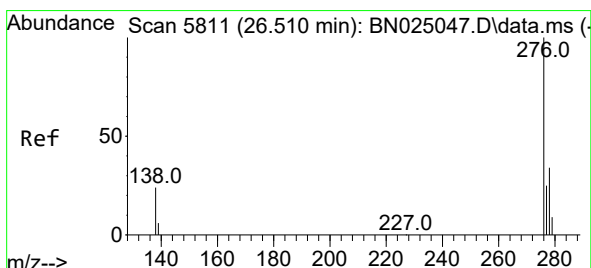
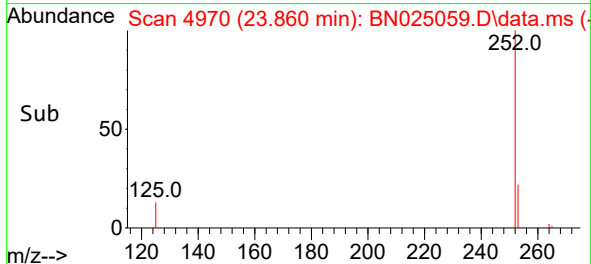
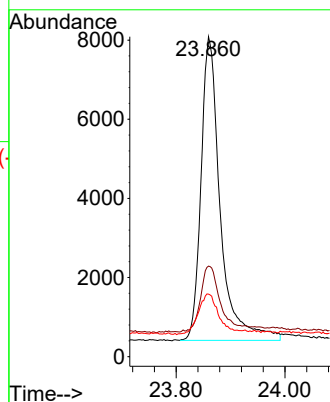
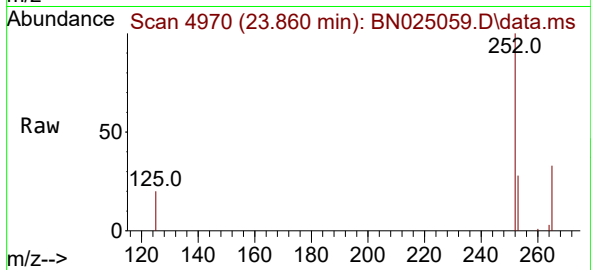
Tgt Ion:252 Resp: 18769

Ion Ratio Lower Upper

252 100

253 28.3 21.4 32.2

125 19.5 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.338 ng/ul

RT: 26.518 min Scan# 5813

Delta R.T. 0.007 min

Lab File: BN025059.D

Acq: 21 Apr 2023 17:02

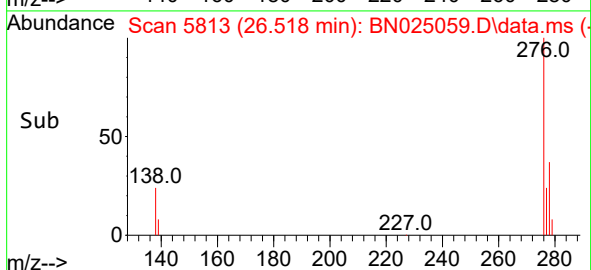
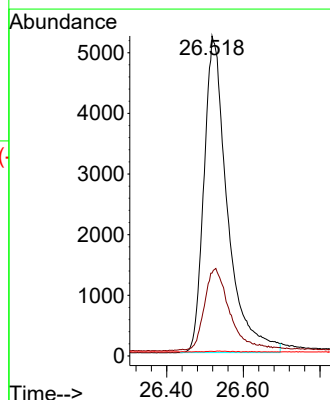
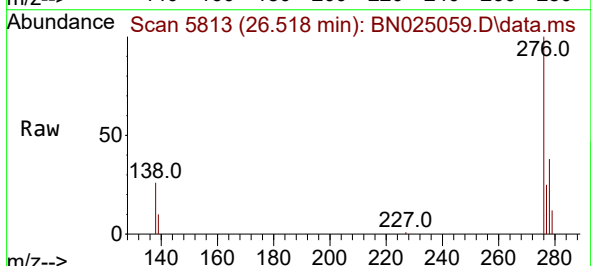
Tgt Ion:276 Resp: 22193

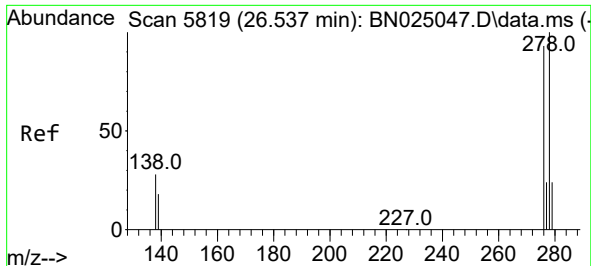
Ion Ratio Lower Upper

276 100

138 0.0 21.9 32.9#

227 0.1 0.1 0.1#

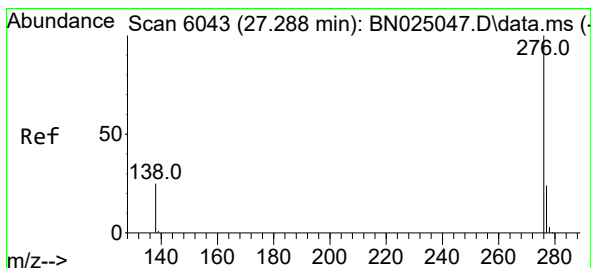
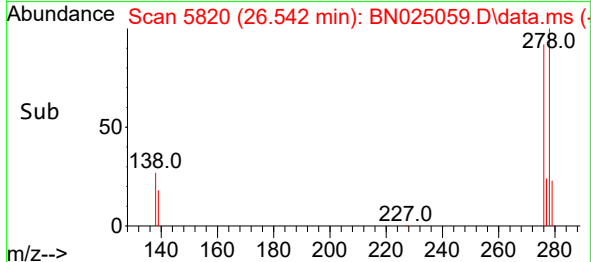
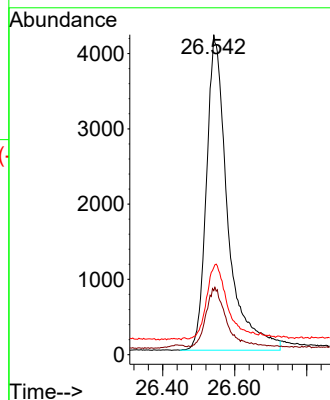
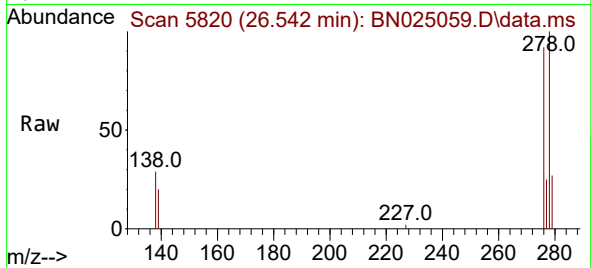




#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.542 min Scan# 5820
Delta R.T. 0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Instrument :
BNA_N
ClientSampleId :
SLCS233

Tgt Ion:278 Resp: 17134
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 27.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.296 min Scan# 6045
Delta R.T. 0.004 min
Lab File: BN025059.D
Acq: 21 Apr 2023 17:02

Tgt Ion:276 Resp: 20193
Ion Ratio Lower Upper
276 100
138 25.6 20.3 30.5
277 25.2 19.8 29.6

