

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
 Data File : BN024863.D
 Acq On : 13 Apr 2023 16:33
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4268

Quant Time: Apr 14 02:20:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

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

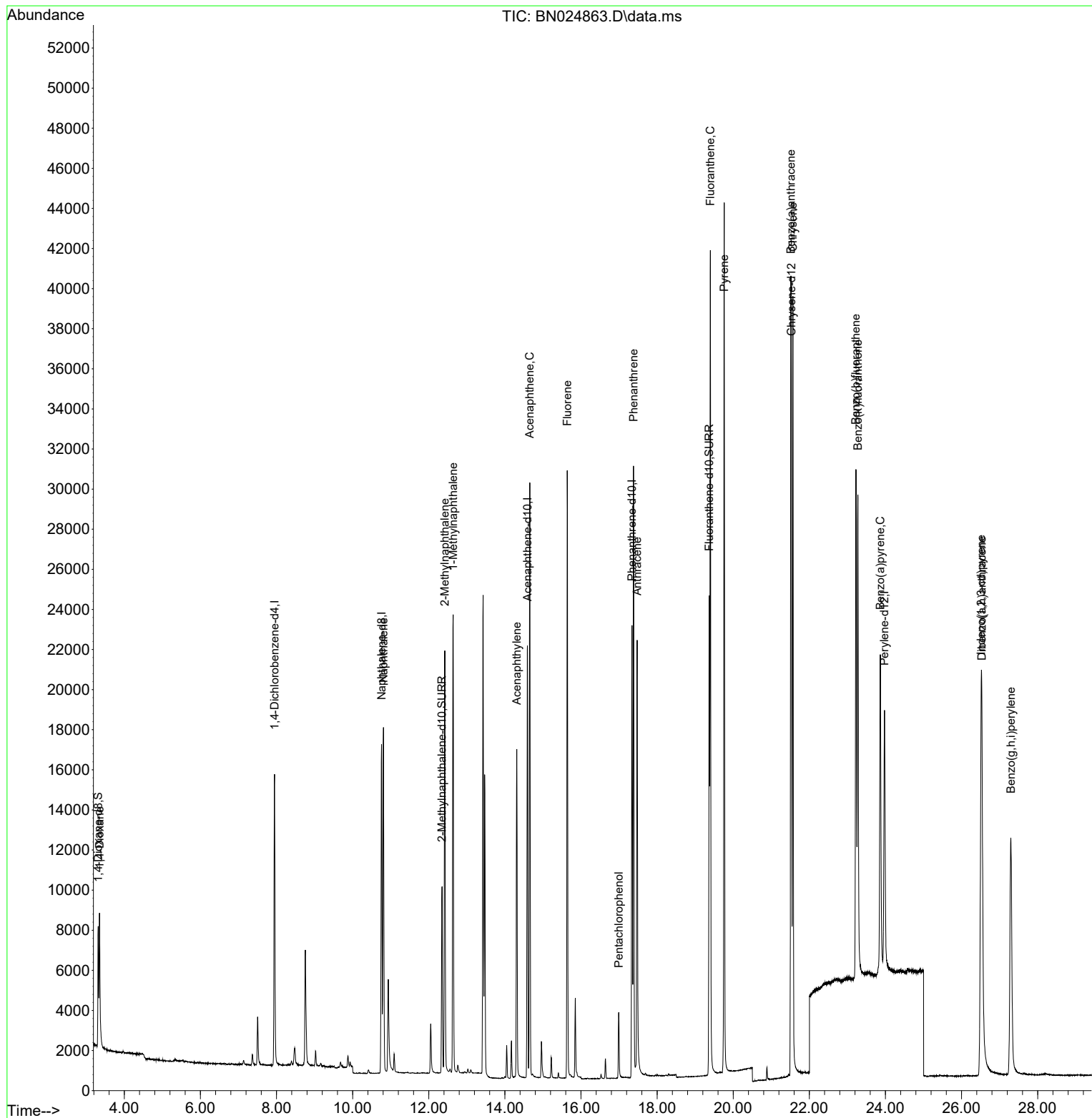
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	7884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	21332	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	11823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	26455	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	22738	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	19964	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3895	0.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	12072	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	25888	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.347	88	4222	0.445	ng/ul	98
5) Naphthalene	10.808	128	23957	0.441	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	14838	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	15605	0.435	ng/ul	99
10) Acenaphthylene	14.311	152	19352	0.436	ng/ul	99
11) Acenaphthene	14.653	153	16765	0.441	ng/ul	99
12) Fluorene	15.639	166	19065	0.448	ng/ul	99
14) Pentachlorophenol	16.992	266	2366	0.419	ng/ul	99
15) Phenanthrene	17.380	178	31746	0.426	ng/ul	100
16) Anthracene	17.473	178	26418	0.426	ng/ul	99
19) Fluoranthene	19.400	202	35755	0.457	ng/ul	99
20) Pyrene	19.762	202	36512	0.455	ng/ul	99
21) Benzo(a)anthracene	21.514	228	31791	0.443	ng/ul	99
22) Chrysene	21.566	228	34679	0.446	ng/ul	100
24) Benzo(b)fluoranthene	23.224	252	34006	0.425	ng/ul	100
25) Benzo(k)fluoranthene	23.273	252	33848	0.433	ng/ul	99
26) Benzo(a)pyrene	23.864	252	27160	0.409	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.513	276	31797	0.406	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.533	278	24831	0.403	ng/ul	100
29) Benzo(g,h,i)perylene	27.295	276	28470	0.430	ng/ul	99

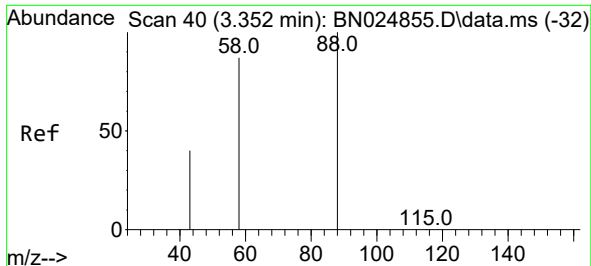
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Apr 14 02:20:42 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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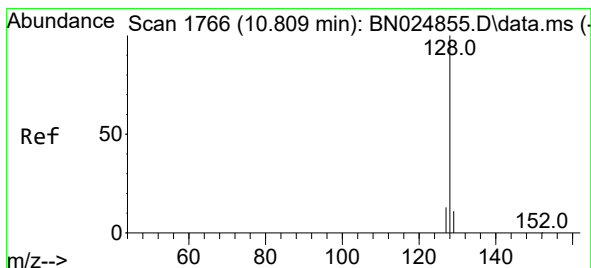
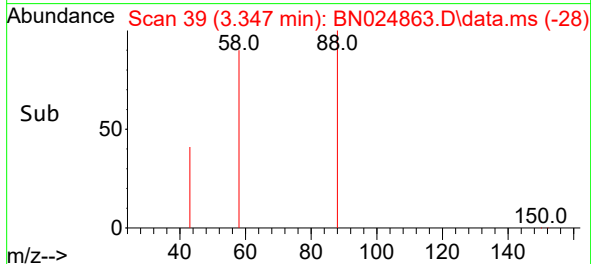
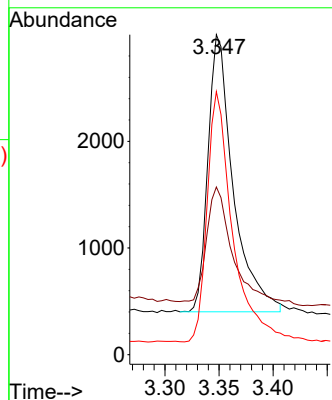
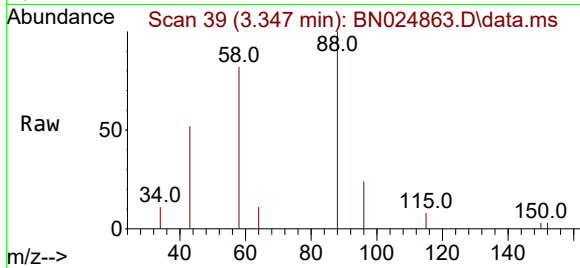




#2
1,4-Dioxane
Concen: 0.445 ng/ul
RT: 3.347 min Scan# 39
Delta R.T. -0.004 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

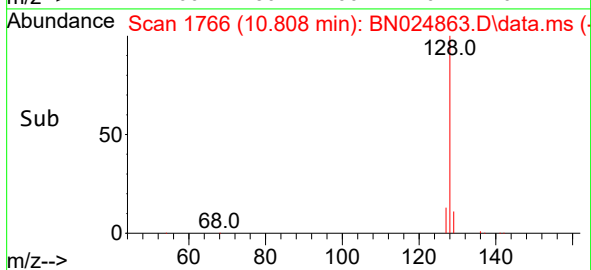
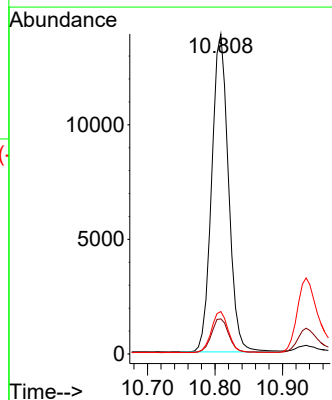
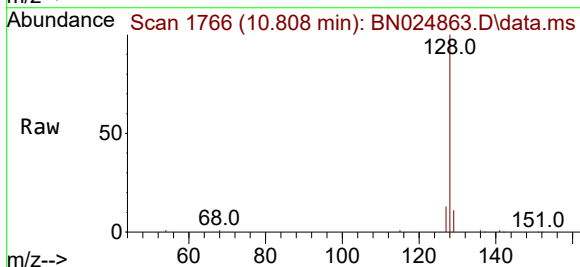
Instrument :
BNA_N
ClientSampleId :
SSTD0.4268

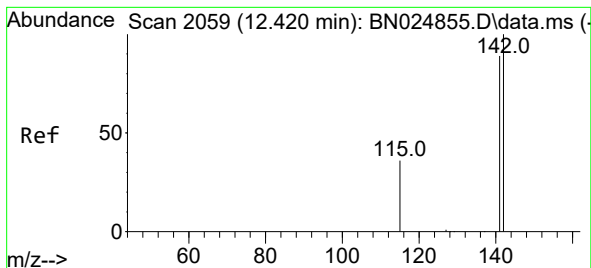
Tgt Ion: 88 Resp: 4222
Ion Ratio Lower Upper
88 100
43 52.4 39.1 58.7
58 82.2 65.7 98.5



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.808 min Scan# 1766
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion: 128 Resp: 23957
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 10.5 15.7

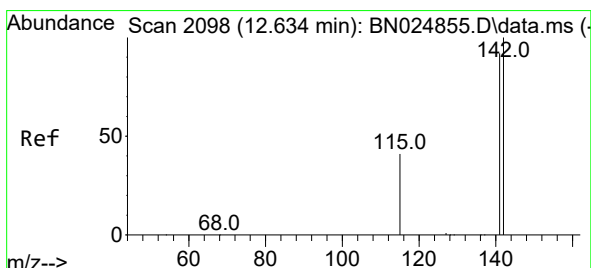
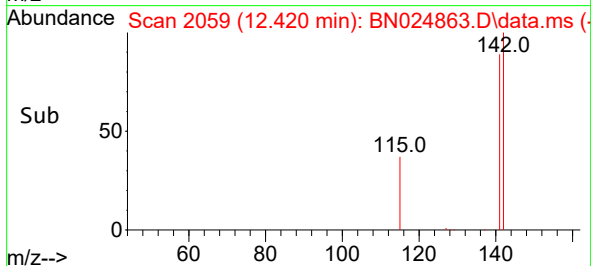
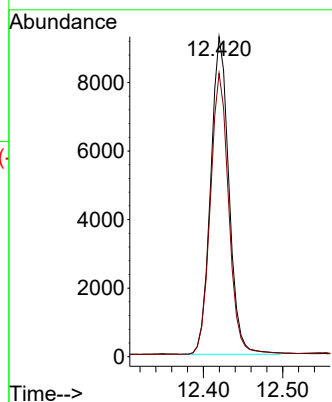
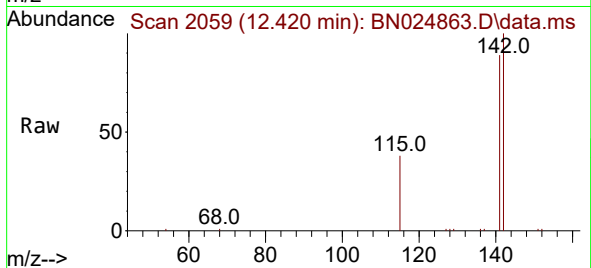




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

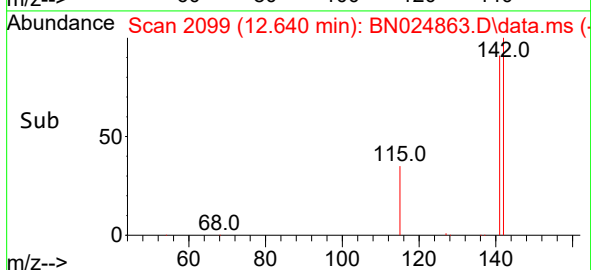
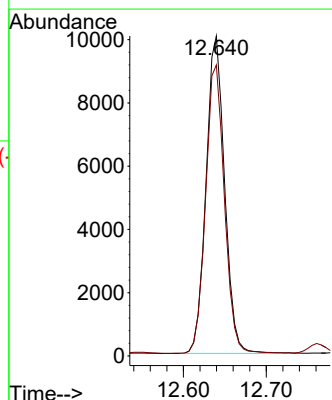
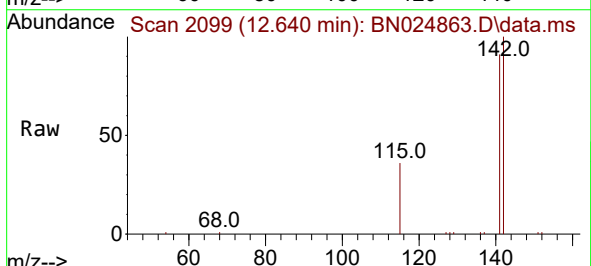
Instrument :
BNA_N
ClientSampleId :
SSTD0.4268

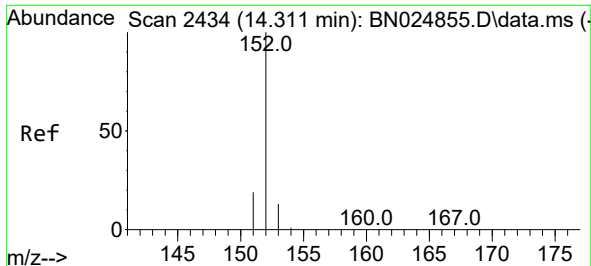
Tgt Ion:142 Resp: 14838
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:142 Resp: 15605
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0

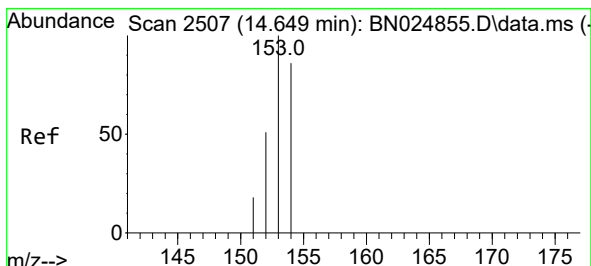
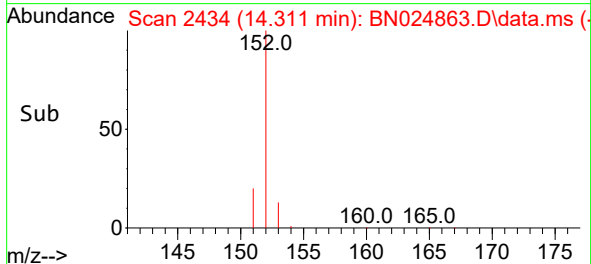
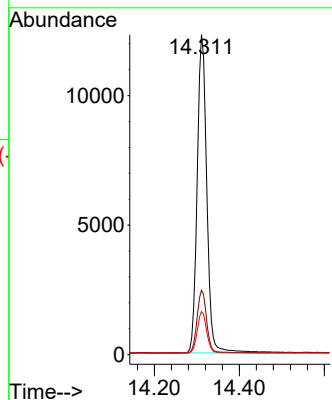
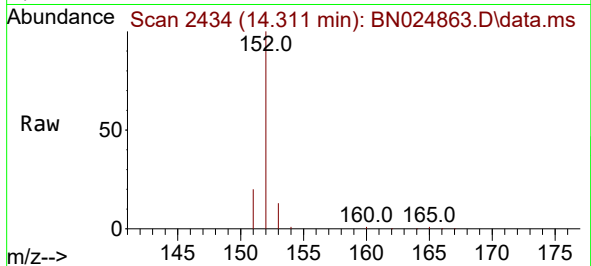




#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

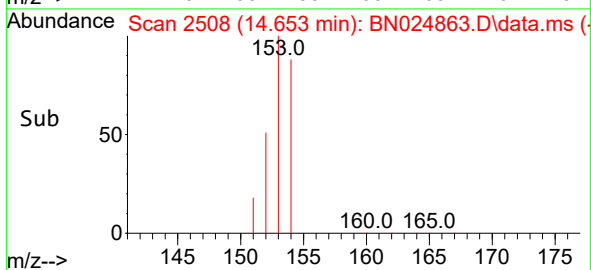
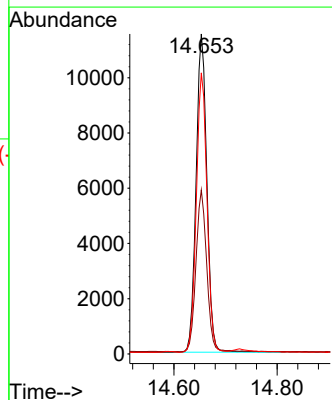
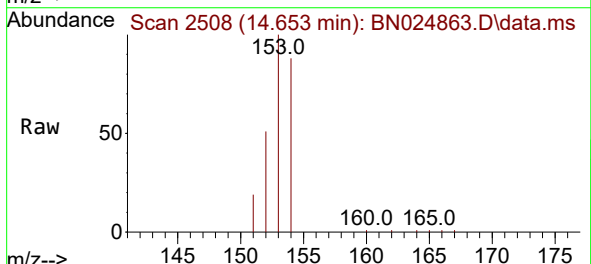
Instrument :
BNA_N
ClientSampleId :
SSTD0.4268

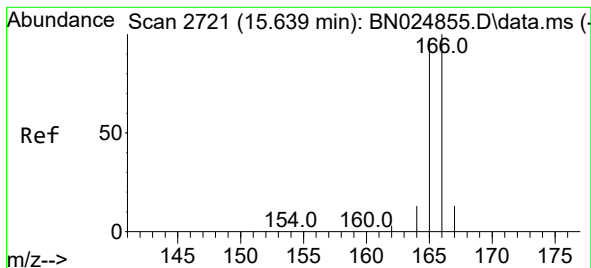
Tgt Ion:152 Resp: 19352
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.441 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:153 Resp: 16765
Ion Ratio Lower Upper
153 100
152 51.3 40.7 61.1
154 87.8 69.4 104.2





#12

Fluorene

Concen: 0.448 ng/ul

RT: 15.639 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN024863.D

Acq: 13 Apr 2023 16:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4268

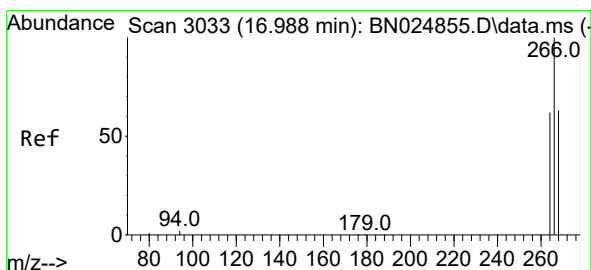
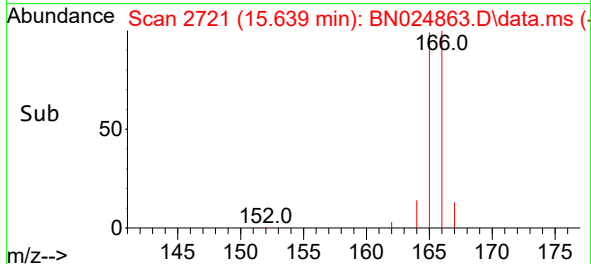
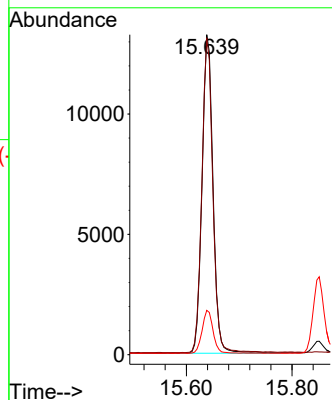
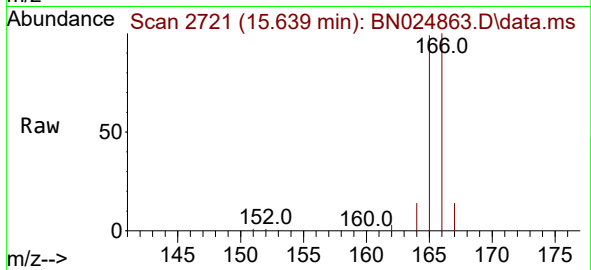
Tgt Ion:166 Resp: 19065

Ion Ratio Lower Upper

166 100

165 99.0 80.1 120.1

167 13.9 10.7 16.1



#14

Pentachlorophenol

Concen: 0.419 ng/ul

RT: 16.992 min Scan# 3034

Delta R.T. 0.005 min

Lab File: BN024863.D

Acq: 13 Apr 2023 16:33

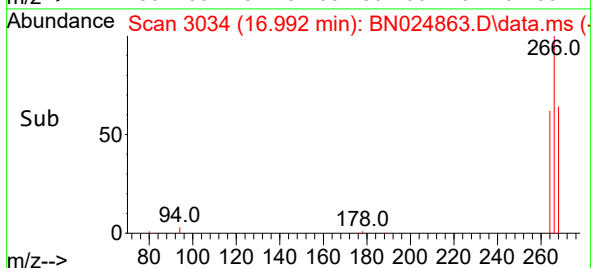
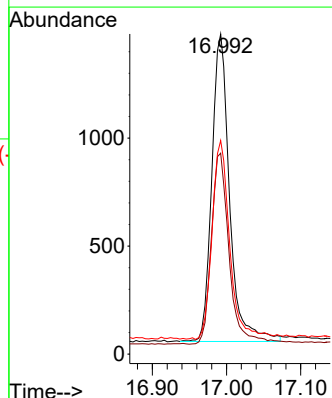
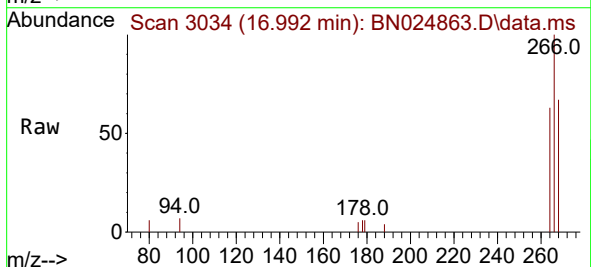
Tgt Ion:266 Resp: 2366

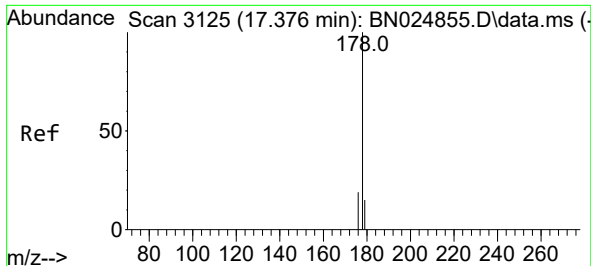
Ion Ratio Lower Upper

266 100

264 62.3 51.2 76.8

268 64.8 51.4 77.2

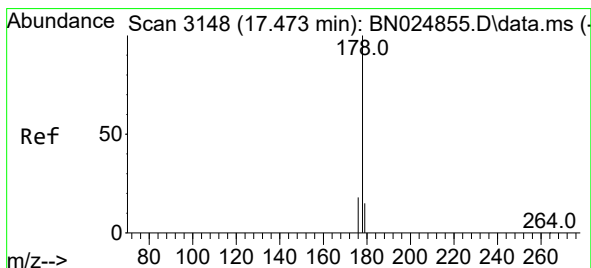
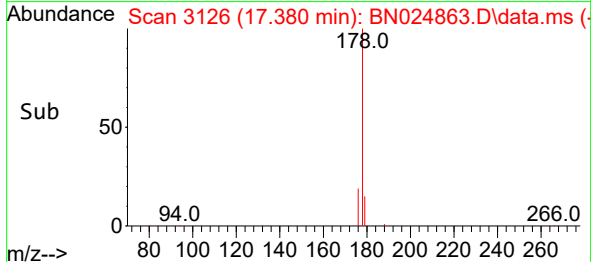
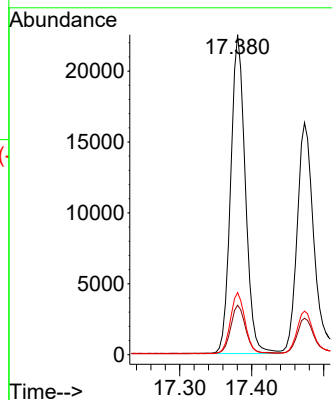
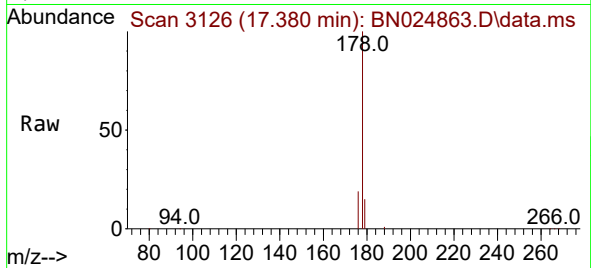




#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.380 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

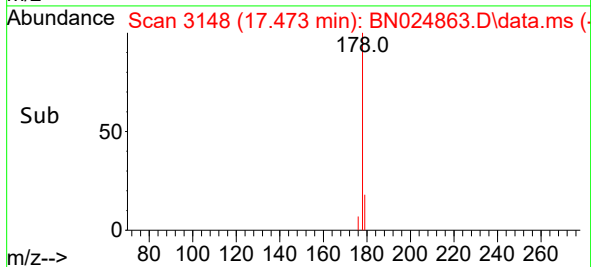
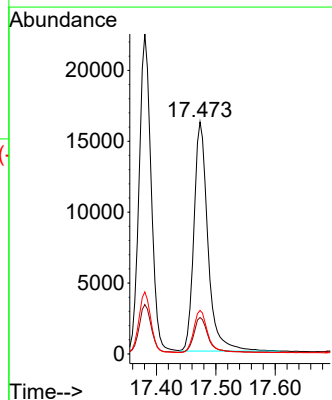
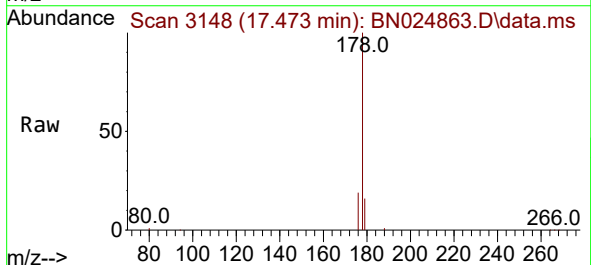
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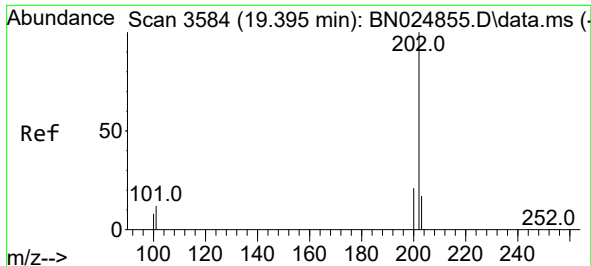
Tgt Ion:178 Resp: 31746
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:178 Resp: 26418
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.8 14.7 22.1

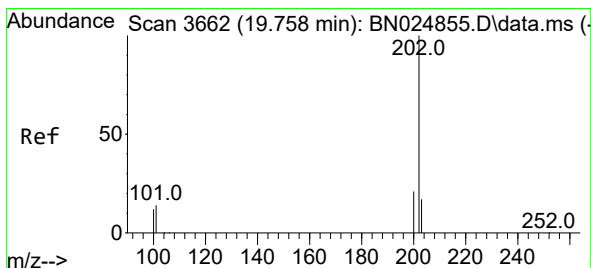
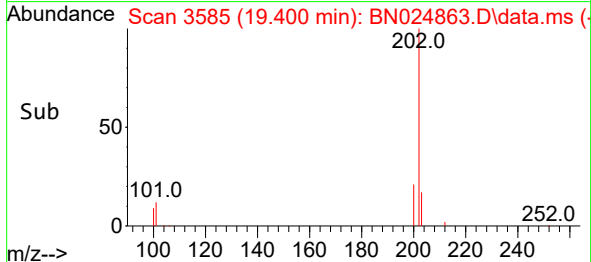
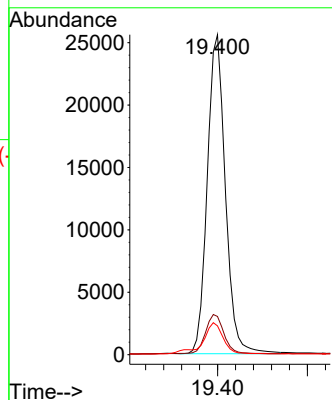
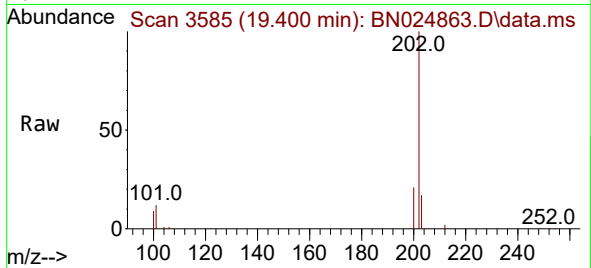




#19
Fluoranthene
Concen: 0.457 ng/ul
RT: 19.400 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

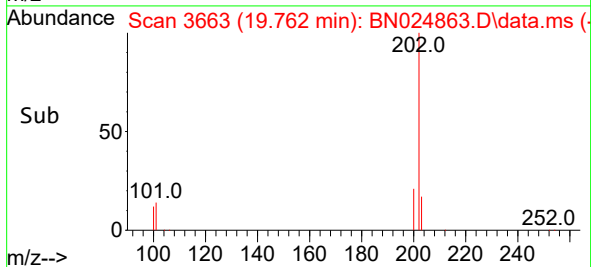
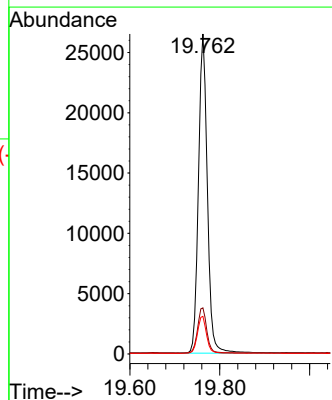
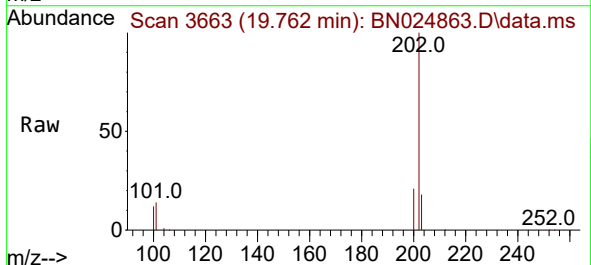
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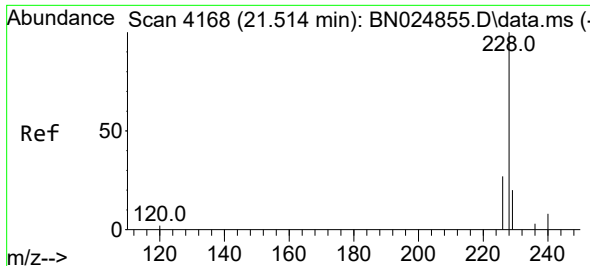
Tgt Ion:202 Resp: 35755
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.0 7.5 11.3



#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:202 Resp: 36512
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.8
100 11.8 9.5 14.3

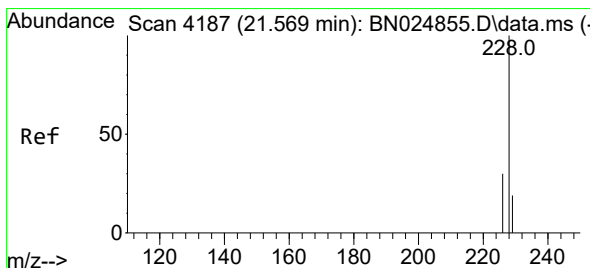
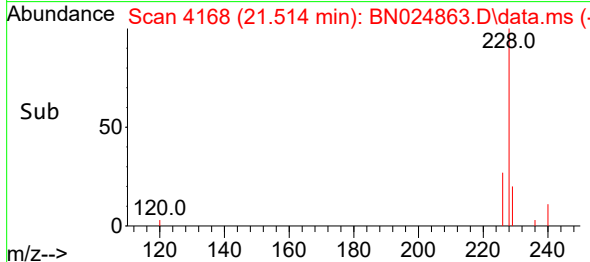
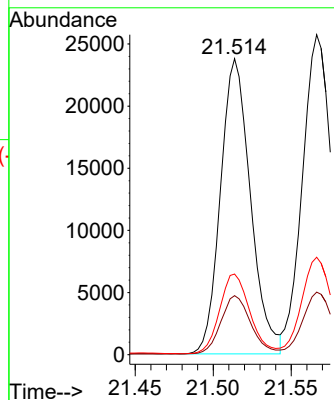
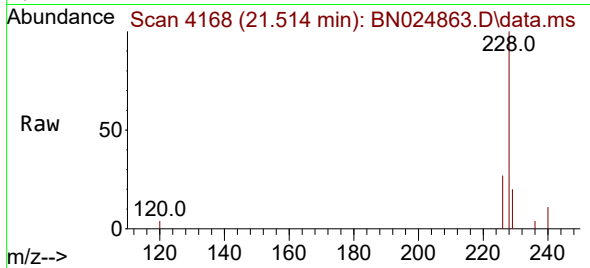




#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

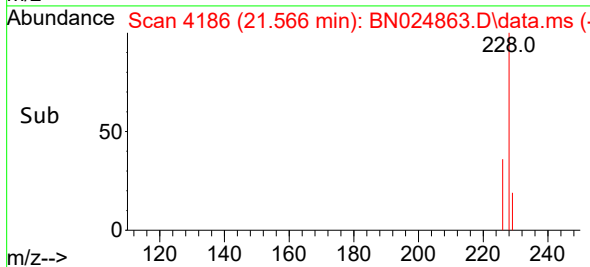
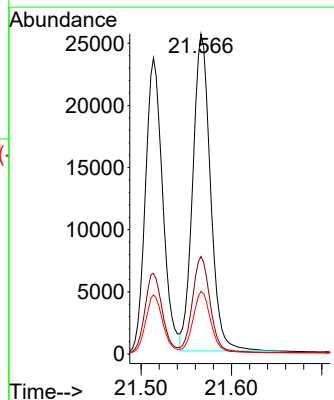
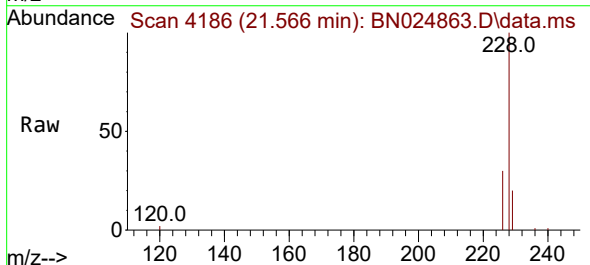
Instrument :
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SSTD0.4268

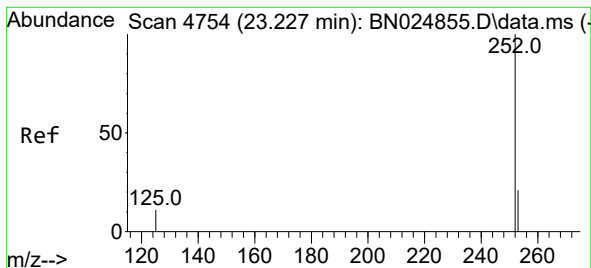
Tgt Ion:228 Resp: 31791
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.005 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:228 Resp: 34679
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.425 ng/ul

RT: 23.224 min Scan# 4754

Delta R.T. -0.005 min

Lab File: BN024863.D

Acq: 13 Apr 2023 16:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4268

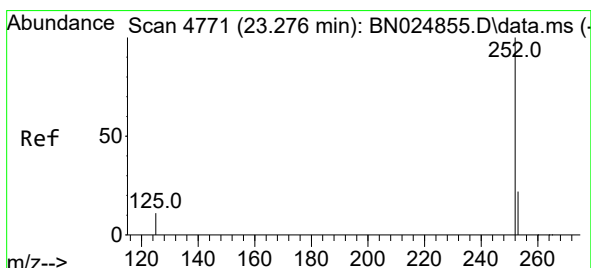
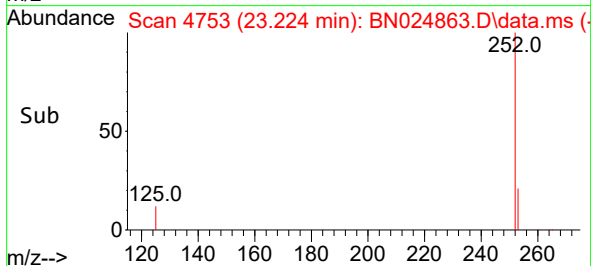
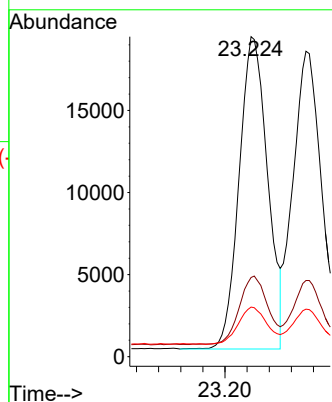
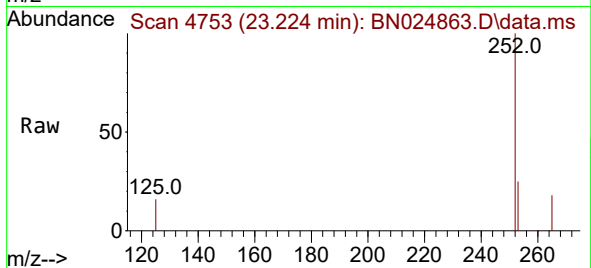
Tgt Ion:252 Resp: 34006

Ion Ratio Lower Upper

252 100

253 24.7 0.0 49.4

125 15.5 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.433 ng/ul

RT: 23.273 min Scan# 4770

Delta R.T. -0.005 min

Lab File: BN024863.D

Acq: 13 Apr 2023 16:33

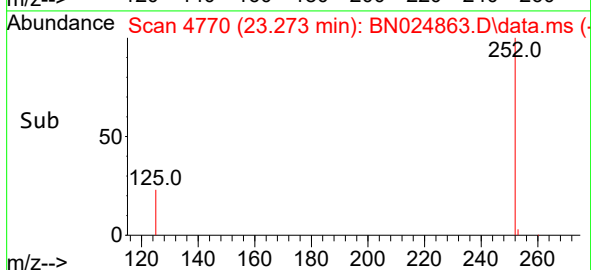
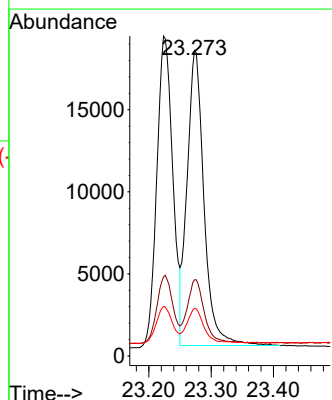
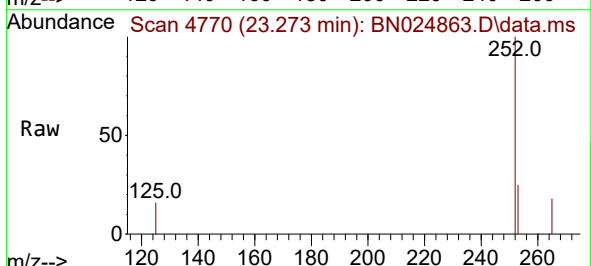
Tgt Ion:252 Resp: 33848

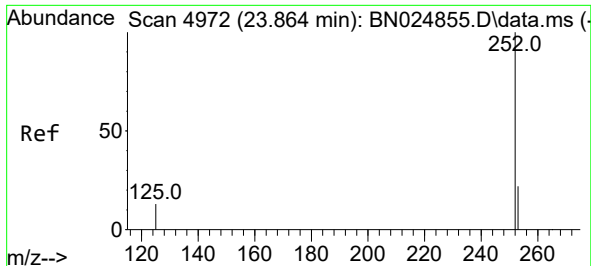
Ion Ratio Lower Upper

252 100

253 24.9 20.1 30.1

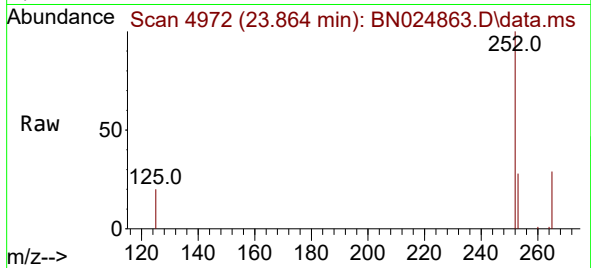
125 15.6 12.2 18.2



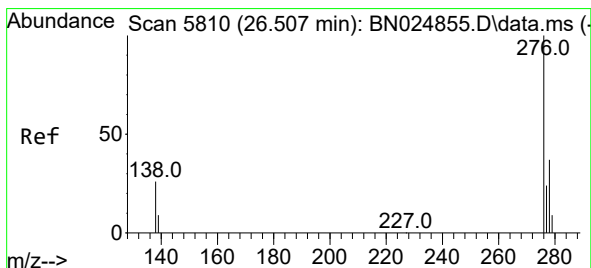
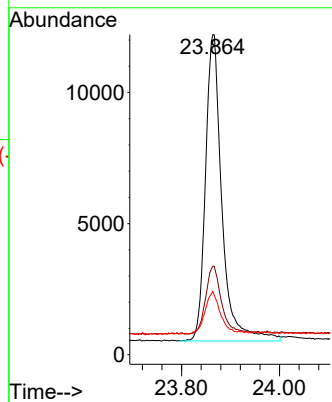
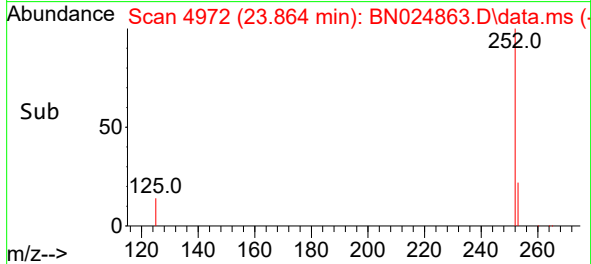


#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.864 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

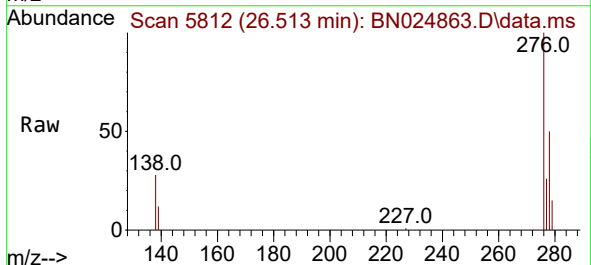
Instrument :
BNA_N
ClientSampleId :
SSTD0.4268



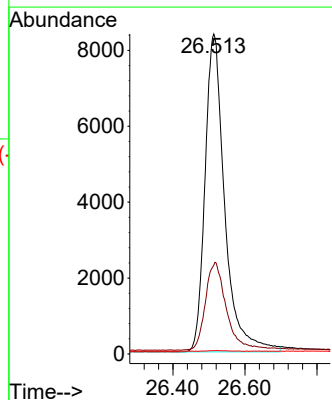
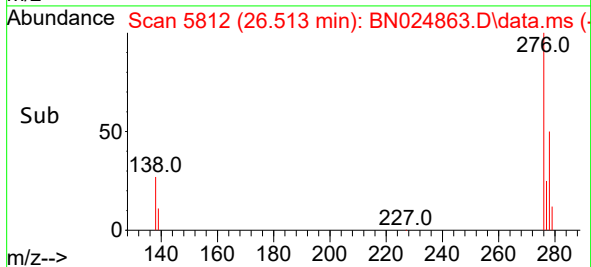
Tgt Ion:252 Resp: 27160
Ion Ratio Lower Upper
252 100
253 27.7 20.7 31.1
125 19.7 15.9 23.9

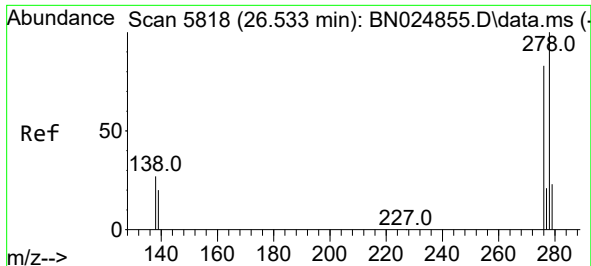


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.513 min Scan# 5812
Delta R.T. 0.001 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33



Tgt Ion:276 Resp: 31797
Ion Ratio Lower Upper
276 100
138 29.6 24.2 36.2
227 0.3 0.0 0.0#

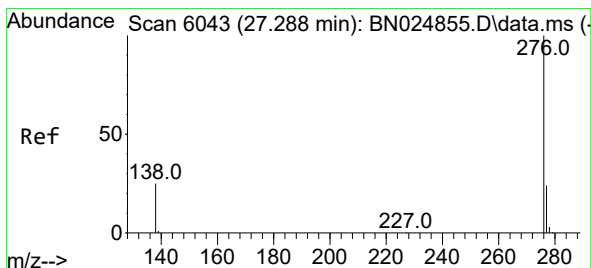
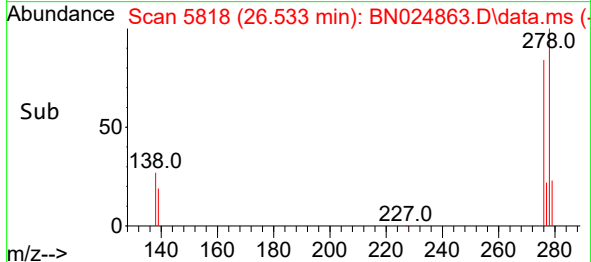
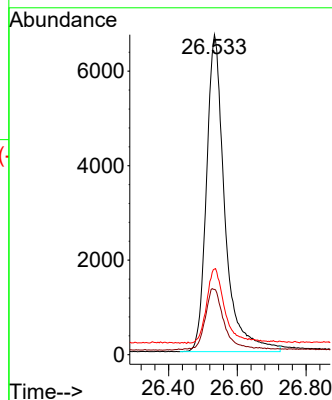
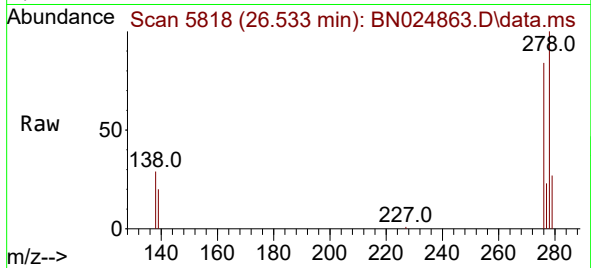




#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.006 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4268

Tgt Ion:278 Resp: 24831
Ion Ratio Lower Upper
278 100
139 20.4 16.4 24.6
279 26.8 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 27.295 min Scan# 6045
Delta R.T. -0.006 min
Lab File: BN024863.D
Acq: 13 Apr 2023 16:33

Tgt Ion:276 Resp: 28470
Ion Ratio Lower Upper
276 100
138 26.6 21.0 31.4
277 24.2 19.7 29.5

