

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026123.D
 Acq On : 30 Jun 2023 10:17
 Operator : MA/JU
 Sample : 03239-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY4

Quant Time: Jul 01 00:54:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

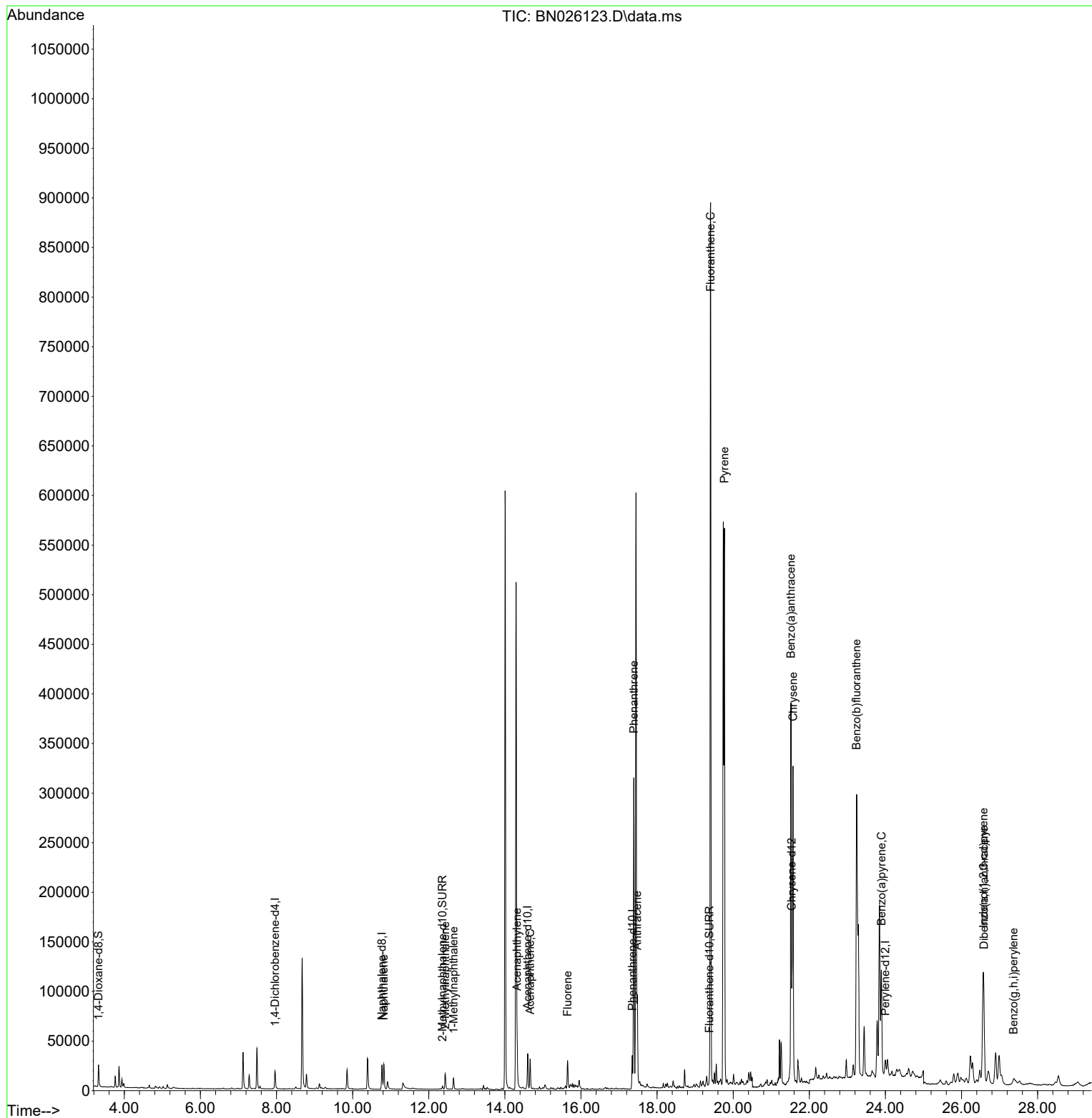
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	10862	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.770	136	35294	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	20360	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.348	188	39512	0.400	ng/ul	-0.01
17) Chrysene-d12	21.533	240	20422	0.400	ng/ul	#-0.01
23) Perylene-d12	23.997	264	21423	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	14877	1.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	4570	0.084	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	7491	0.096	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	36905	0.365	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	12341	0.192	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	8011	0.120	ng/ul	99
10) Acenaphthylene	14.321	152	45617	0.478	ng/ul	99
11) Acenaphthene	14.663	153	18439	0.236	ng/ul	99
12) Fluorene	15.649	166	19147	0.214	ng/ul	99
15) Phenanthrene	17.390	178	341805	2.619	ng/ul	99
16) Anthracene	17.478	178	95188	0.821	ng/ul	99
19) Fluoranthene	19.406	202	801407	7.347	ng/ul	96
20) Pyrene	19.768	202	489547	4.315	ng/ul	96
21) Benzo(a)anthracene	21.518	228	329249	3.908	ng/ul	98
22) Chrysene	21.571	228	332904	3.798	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	698658	7.641	ng/ul	90
26) Benzo(a)pyrene	23.892	252	160781	2.025	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.575	276	177968	2.052	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.588	278	67304	1.025	ng/ul	96
29) Benzo(g,h,i)perylene	27.370	276	13769	0.178	ng/ul#	69

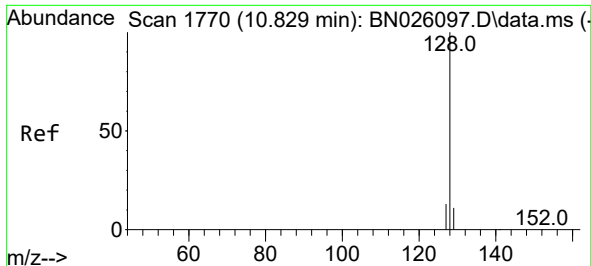
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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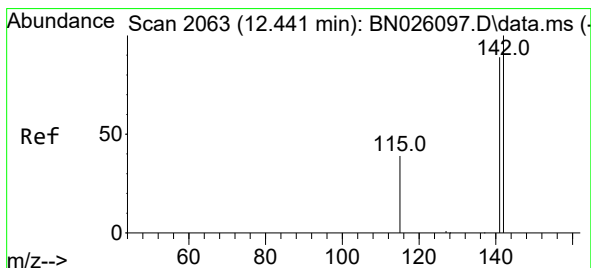
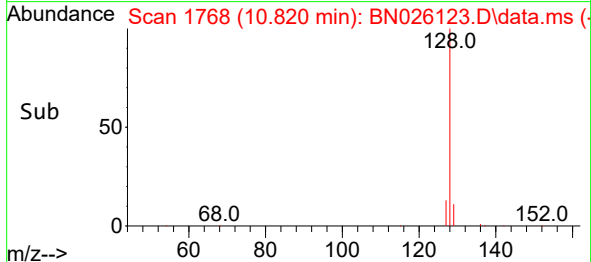
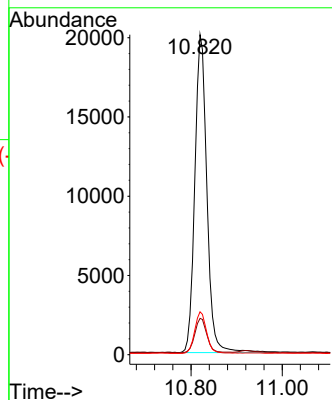
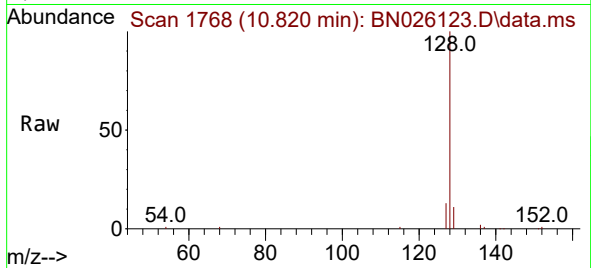




#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.820 min Scan# 1770
Delta R.T. -0.017 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

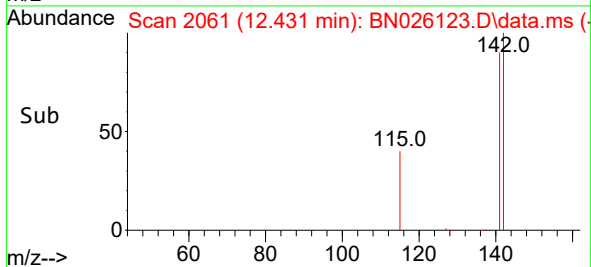
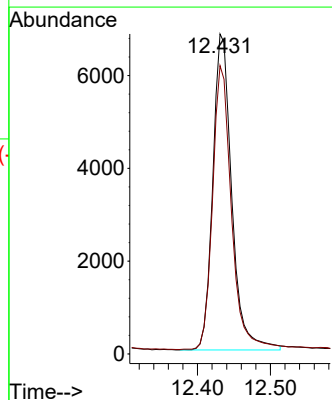
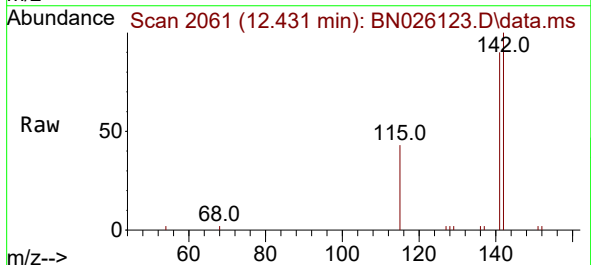
Instrument :
BNA_N
ClientSampleId :
DCFY4

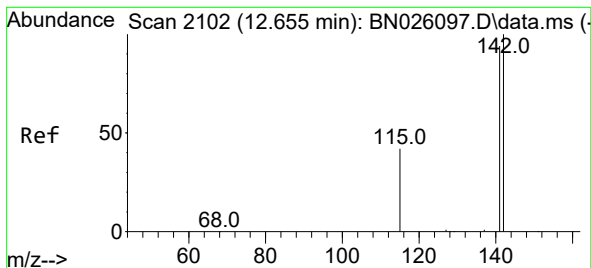
Tgt Ion:128 Resp: 36905
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.017 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Tgt Ion:142 Resp: 12341
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.120 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. -0.011 min

Lab File: BN026123.D

Acq: 30 Jun 2023 10:17

Instrument :

BNA_N

ClientSampleId :

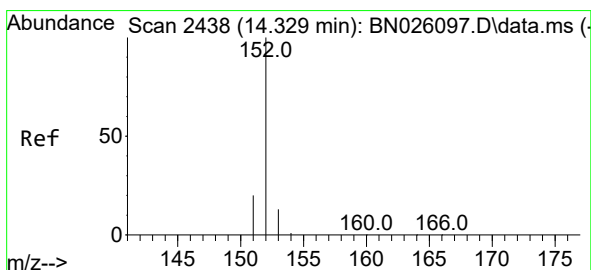
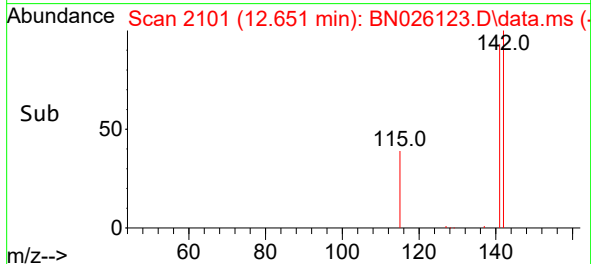
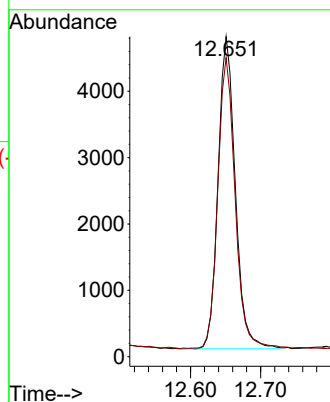
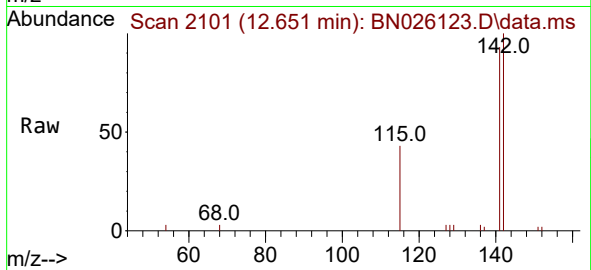
DCFY4

Tgt Ion:142 Resp: 8011

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4



#10

Acenaphthylene

Concen: 0.478 ng/ul

RT: 14.321 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BN026123.D

Acq: 30 Jun 2023 10:17

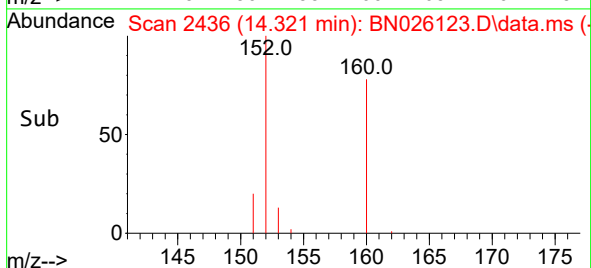
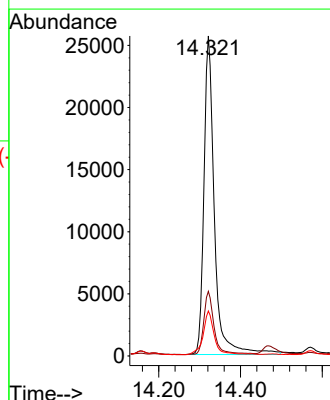
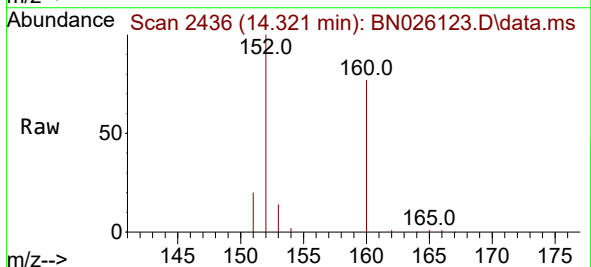
Tgt Ion:152 Resp: 45617

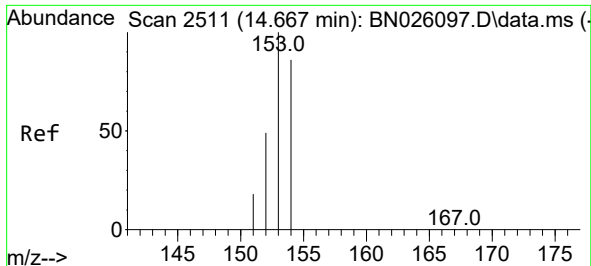
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.0 10.9 16.3

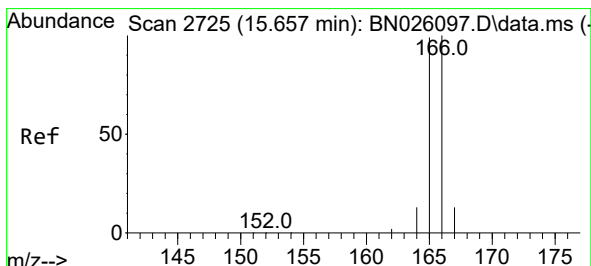
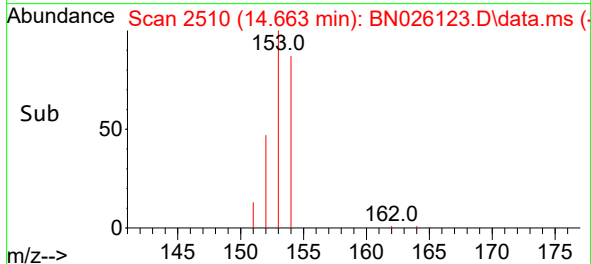
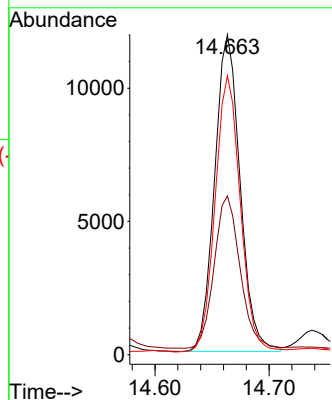
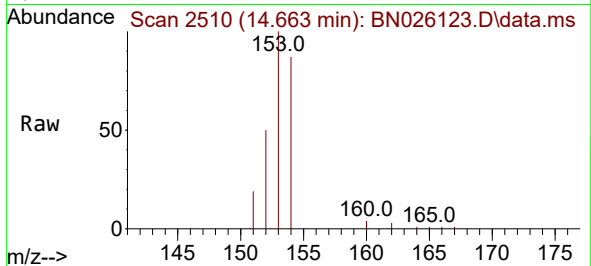




#11
Acenaphthene
Concen: 0.236 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.008 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

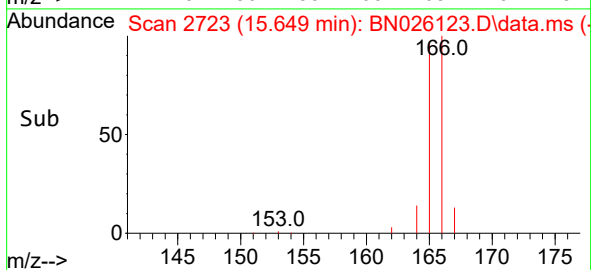
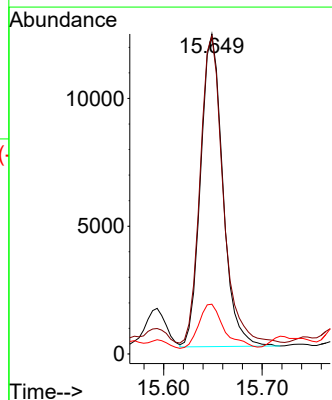
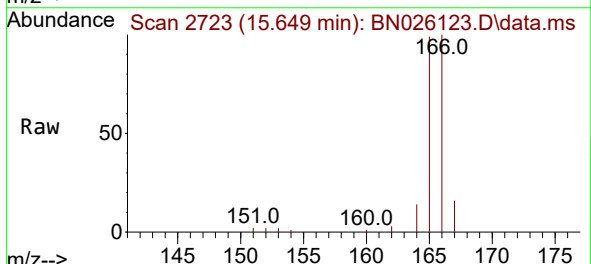
Instrument :
BNA_N
ClientSampleId :
DCFY4

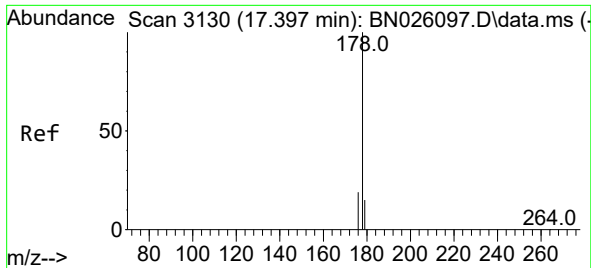
Tgt Ion:153 Resp: 18439
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 87.2 68.9 103.3



#12
Fluorene
Concen: 0.214 ng/ul
RT: 15.649 min Scan# 2723
Delta R.T. -0.013 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Tgt Ion:166 Resp: 19147
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 15.5 10.8 16.2

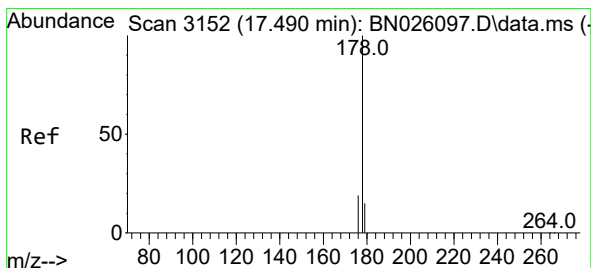
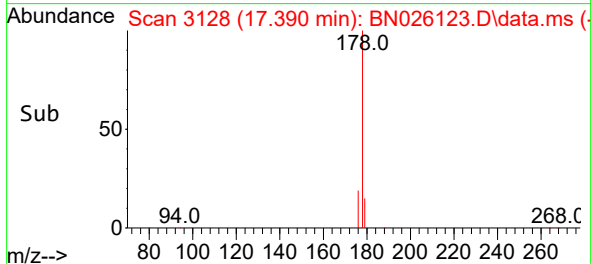
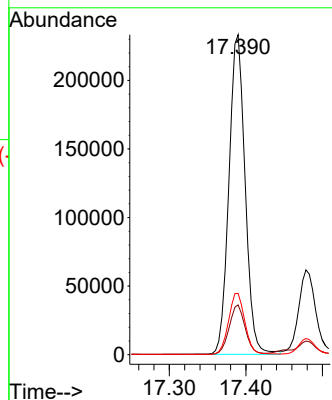
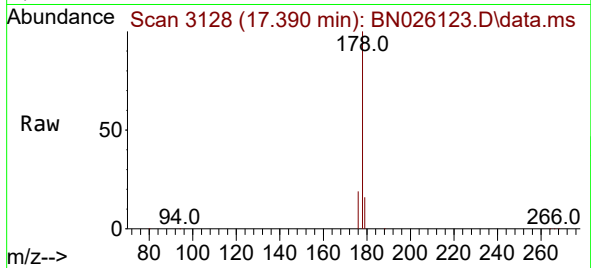




#15
Phenanthrene
Concen: 2.619 ng/ul
RT: 17.390 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

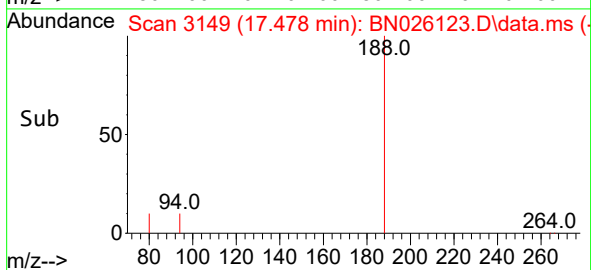
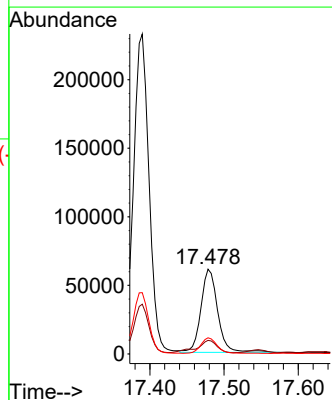
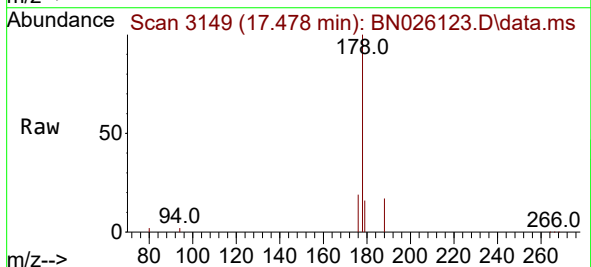
Instrument :
BNA_N
ClientSampleId :
DCFY4

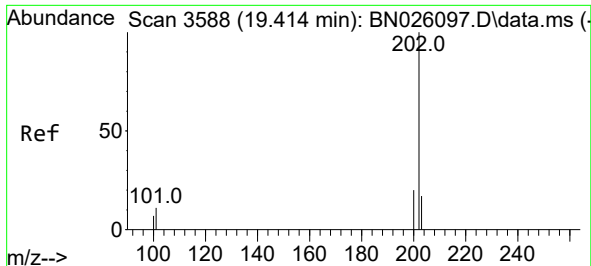
Tgt Ion:178 Resp: 341805
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.1 15.8 23.6



#16
Anthracene
Concen: 0.821 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.016 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Tgt Ion:178 Resp: 95188
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.1 15.1 22.7

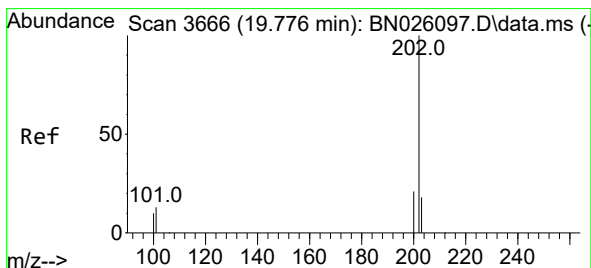
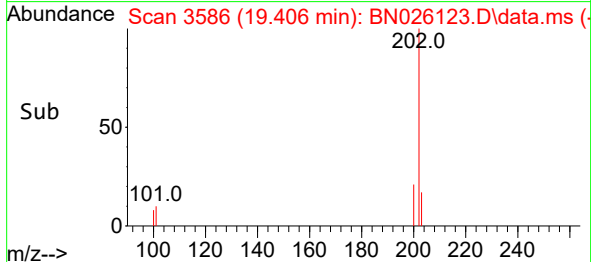
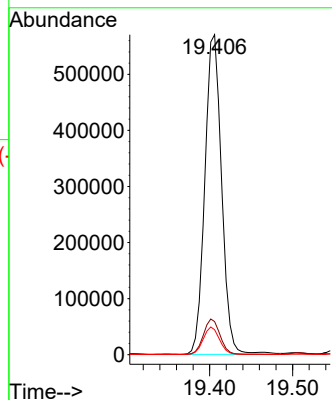
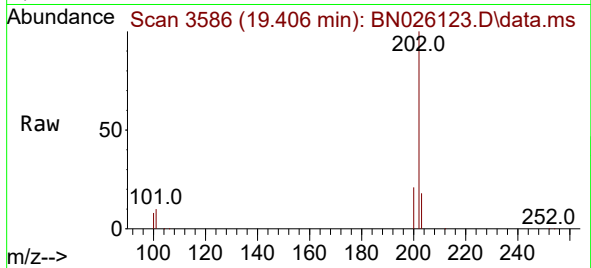




#19
Fluoranthene
Concen: 7.347 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

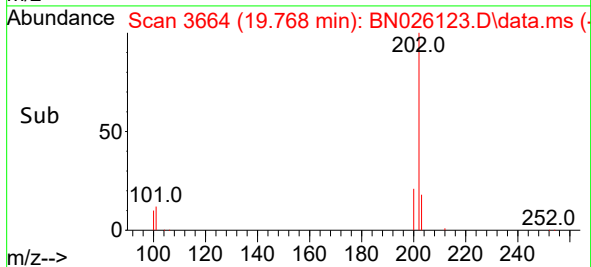
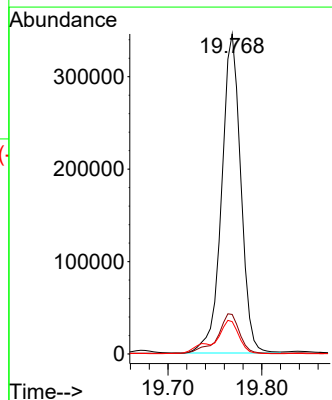
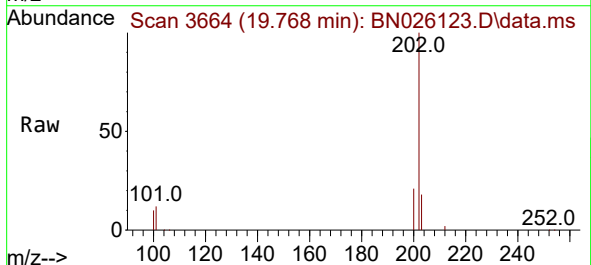
Instrument :
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DCFY4

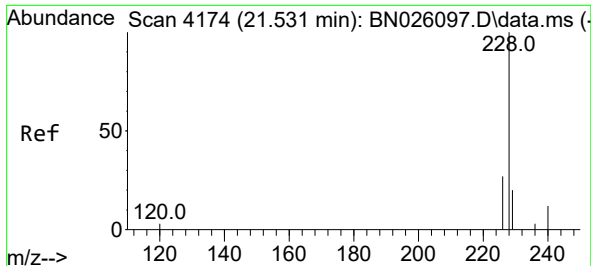
Tgt Ion:202 Resp: 801407
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.8 7.3 10.9



#20
Pyrene
Concen: 4.315 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Tgt Ion:202 Resp: 489547
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7

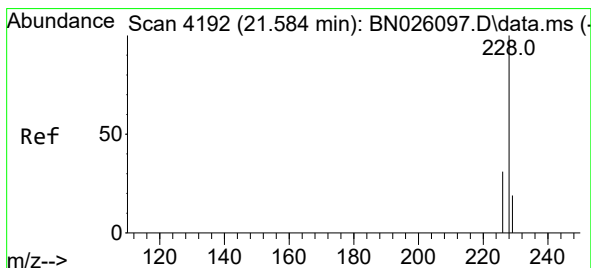
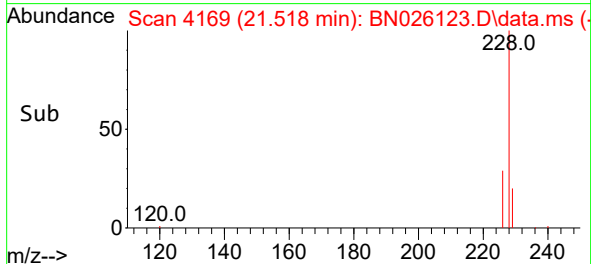
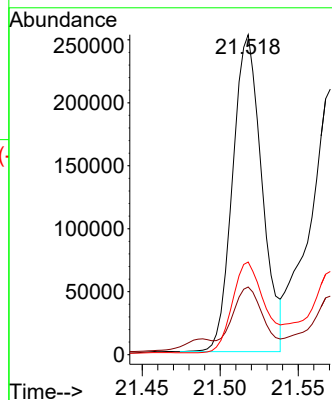
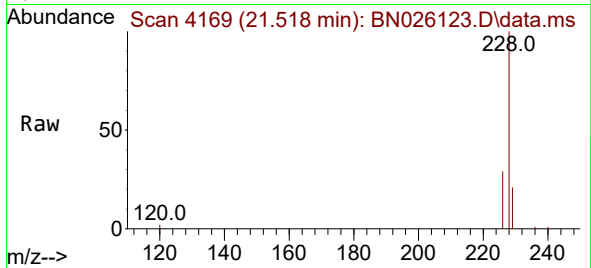




#21
Benzo(a)anthracene
Concen: 3.908 ng/ul
RT: 21.518 min Scan# 4187
Delta R.T. -0.011 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

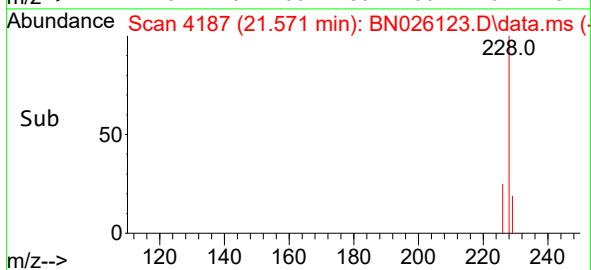
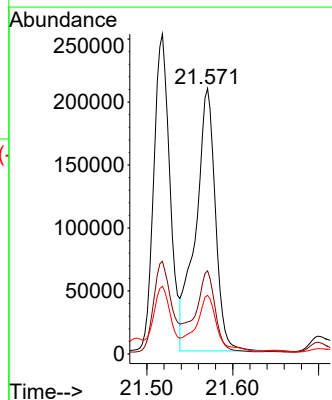
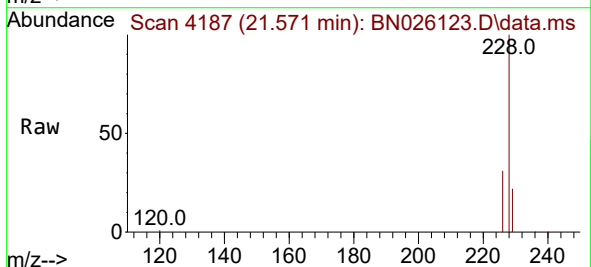
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BNA_N
ClientSampleId :
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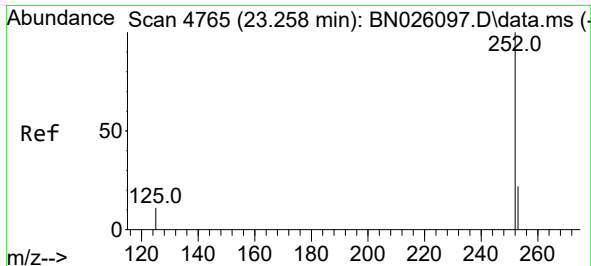
Tgt Ion:228 Resp: 329249
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.0 22.5 33.7



#22
Chrysene
Concen: 3.798 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

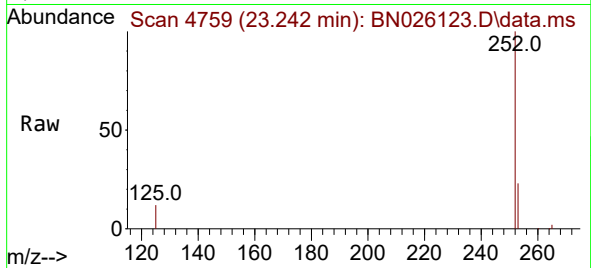
Tgt Ion:228 Resp: 332904
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.1 15.7 23.5



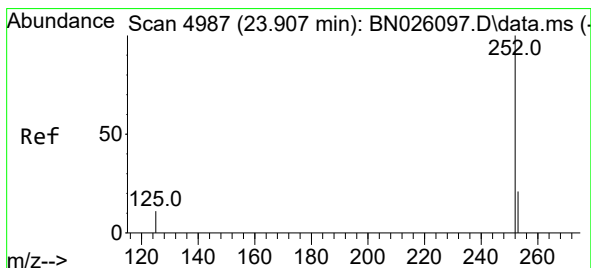
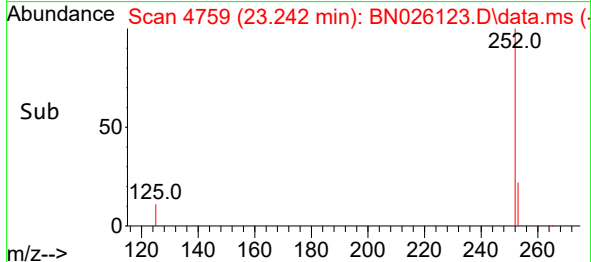
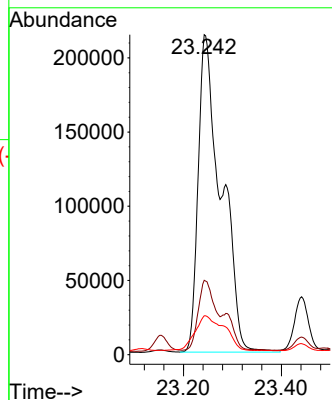


#24
Benzo(b)fluoranthene
Concen: 7.641 ng/ul
RT: 23.242 min Scan# 41
Delta R.T. -0.011 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Instrument :
BNA_N
ClientSampleId :
DCFY4

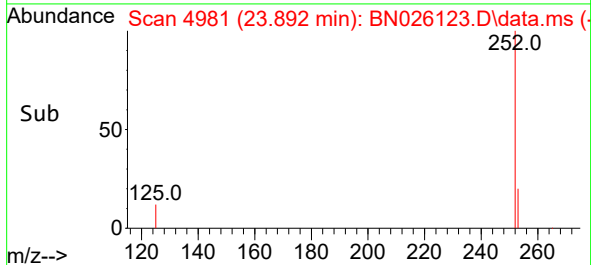
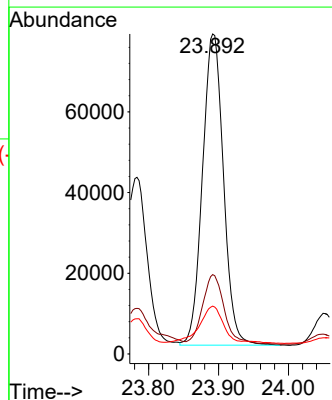
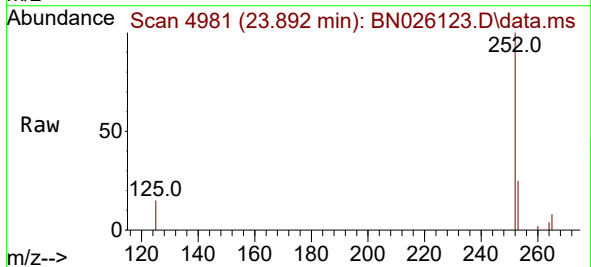


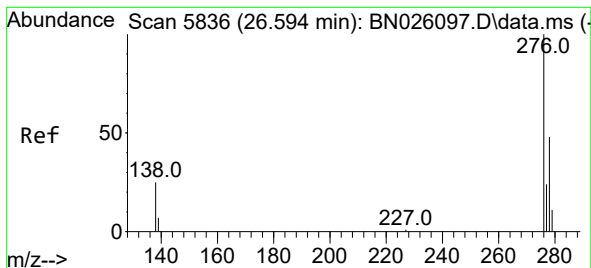
Tgt Ion:252 Resp: 698658
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 12.1 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.025 ng/ul
RT: 23.892 min Scan# 4981
Delta R.T. -0.014 min
Lab File: BN026123.D
Acq: 30 Jun 2023 10:17

Tgt Ion:252 Resp: 160781
Ion Ratio Lower Upper
252 100
253 24.8 26.0 39.0#
125 14.9 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.052 ng/ul

RT: 26.575 min Scan# 5830

Delta R.T. -0.019 min

Lab File: BN026123.D

Acq: 30 Jun 2023 10:17

Instrument :

BNA_N

ClientSampleId :

DCFY4

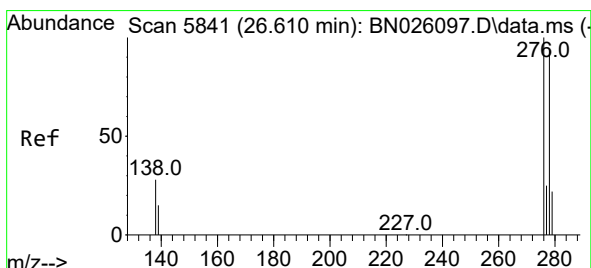
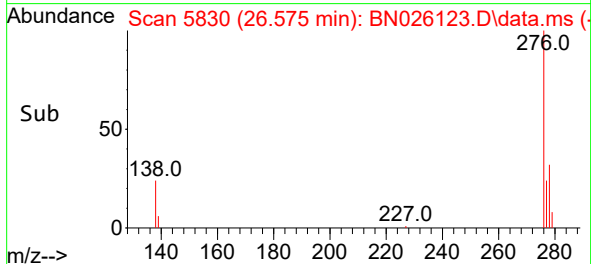
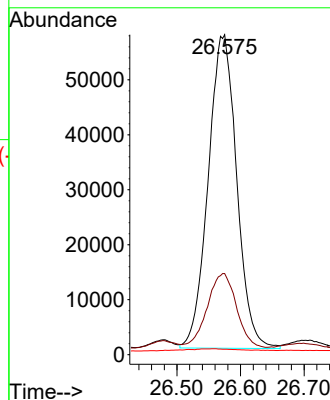
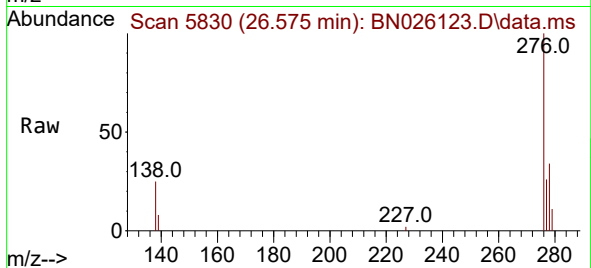
Tgt Ion:276 Resp: 177968

Ion Ratio Lower Upper

276 100

138 24.6 24.5 36.7

227 0.8 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 1.025 ng/ul

RT: 26.588 min Scan# 5834

Delta R.T. -0.026 min

Lab File: BN026123.D

Acq: 30 Jun 2023 10:17

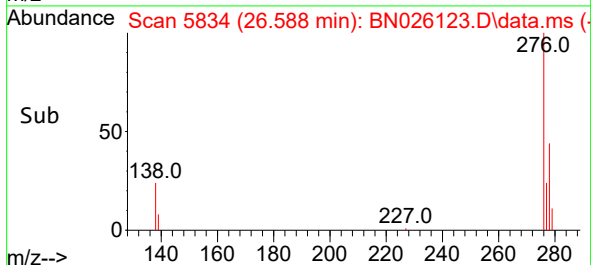
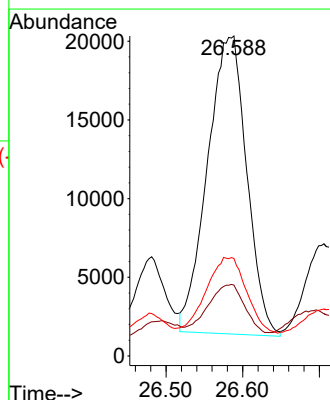
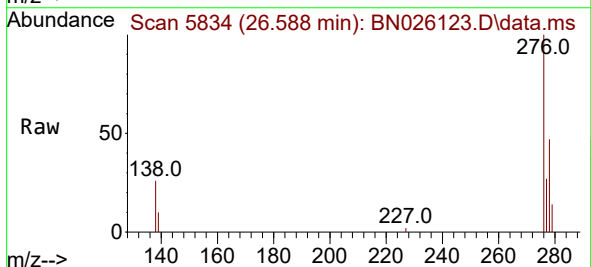
Tgt Ion:278 Resp: 67304

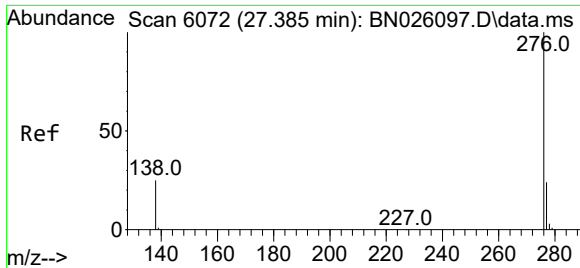
Ion Ratio Lower Upper

278 100

139 22.1 19.0 28.4

279 30.5 26.7 40.1





#29

Benzo(g,h,i)perylene

Concen: 0.178 ng/ul

RT: 27.370 min Scan# 60

Delta R.T. -0.016 min

Lab File: BN026123.D

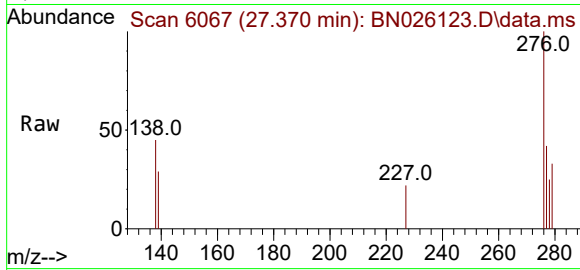
Acq: 30 Jun 2023 10:17

Instrument :

BNA_N

ClientSampleId :

DCFY4



Tgt Ion:276 Resp: 13769

Ion Ratio Lower Upper

276 100

138 44.8 23.4 35.0#

277 42.2 20.0 30.0#

