

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026151.D
 Acq On : 01 Jul 2023 14:49
 Operator : MA/JU
 Sample : 03239-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFX9DL

Quant Time: Jul 01 22:35:08 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

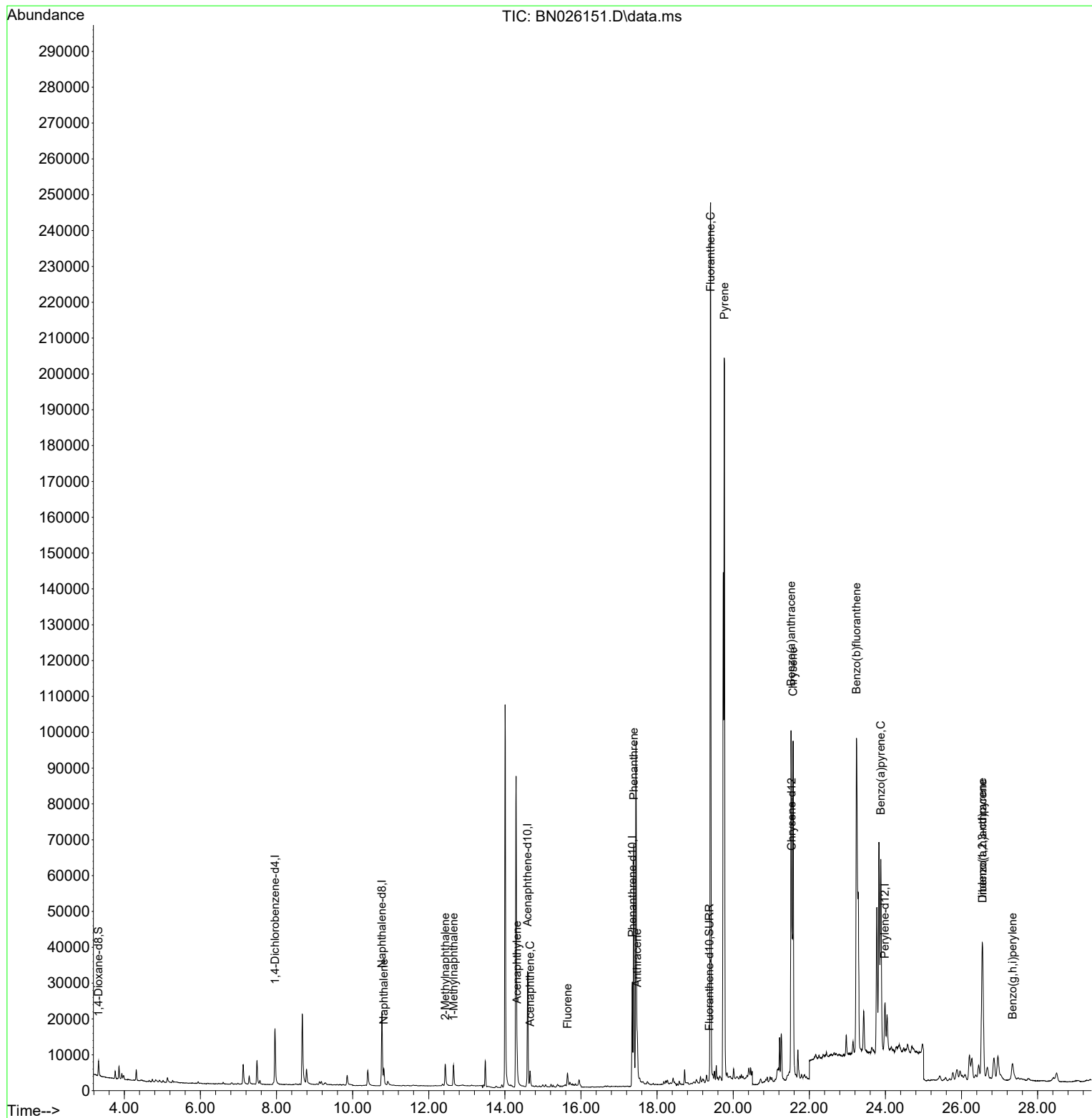
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	32072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	18853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	36020	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	20127	0.400	ng/ul	# 0.00
23) Perylene-d12	23.988	264	19850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2902	0.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	837	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	1564	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	6730	0.073	ng/ul	96
7) 2-Methylnaphthalene	12.436	142	5376	0.092	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	4553	0.075	ng/ul	98
10) Acenaphthylene	14.321	152	7302	0.083	ng/ul#	94
11) Acenaphthene	14.664	153	2752	0.038	ng/ul	97
12) Fluorene	15.649	166	2465	0.030	ng/ul#	96
15) Phenanthrene	17.390	178	76718	0.645	ng/ul	99
16) Anthracene	17.479	178	13131	0.124	ng/ul#	95
19) Fluoranthene	19.406	202	224881	2.092	ng/ul	97
20) Pyrene	19.769	202	177834	1.590	ng/ul	96
21) Benzo(a)anthracene	21.521	228	81570	0.982	ng/ul	97
22) Chrysene	21.574	228	99650	1.153	ng/ul	97
24) Benzo(b)fluoranthene	23.240	252	212107	2.504	ng/ul	92
26) Benzo(a)pyrene	23.877	252	81483	1.107	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.545	276	73219	0.911	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.555	278	18038	0.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.340	276	12454	0.174	ng/ul#	88

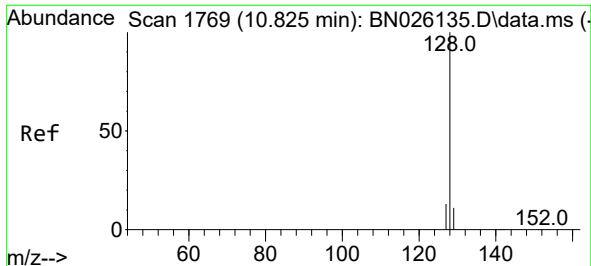
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026151.D
Acq On : 01 Jul 2023 14:49
Operator : MA/JU
Sample : 03239-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFX9DL

Quant Time: Jul 01 22:35:08 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 : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

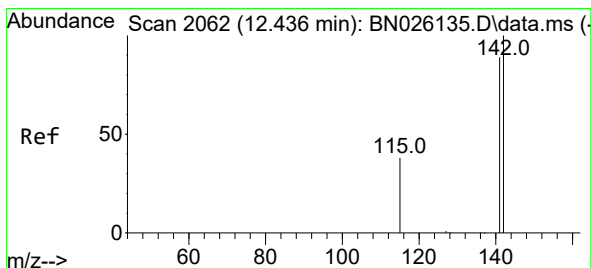
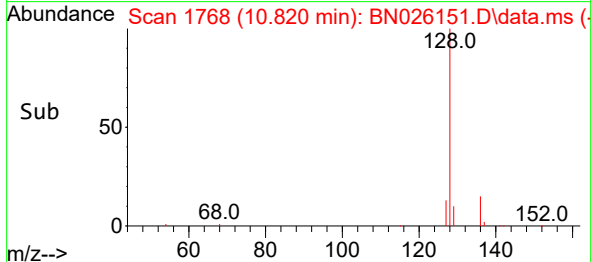
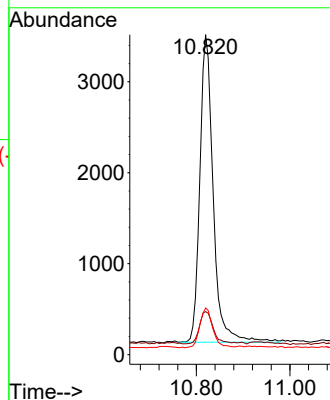
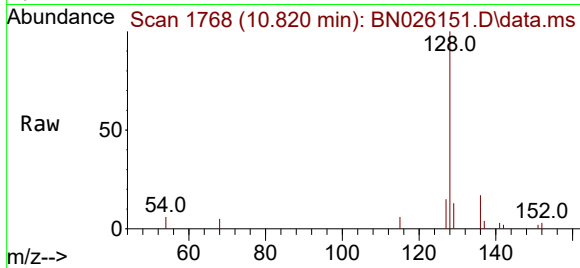




#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

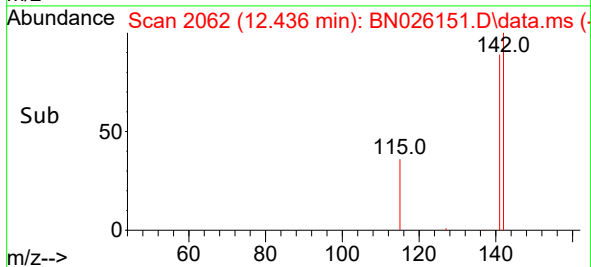
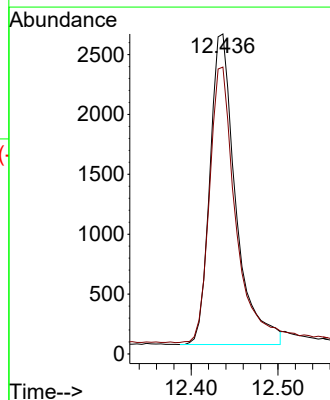
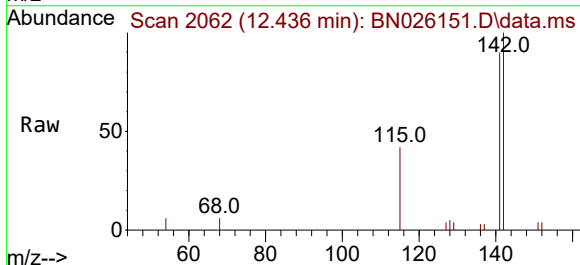
Instrument :
BNA_N
ClientSampleId :
DCFX9DL

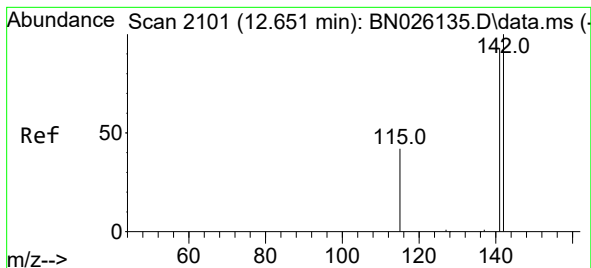
Tgt Ion:128 Resp: 6730
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 14.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

Tgt Ion:142 Resp: 5376
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026151.D

Acq: 01 Jul 2023 14:49

Instrument :

BNA_N

ClientSampleId :

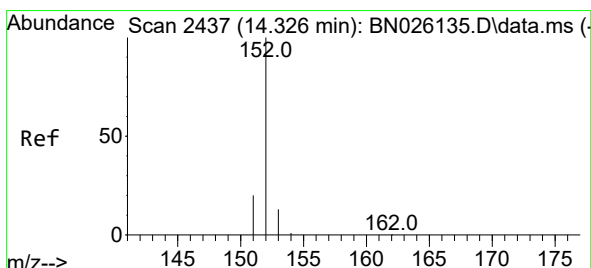
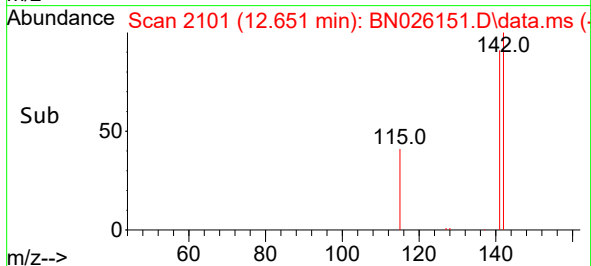
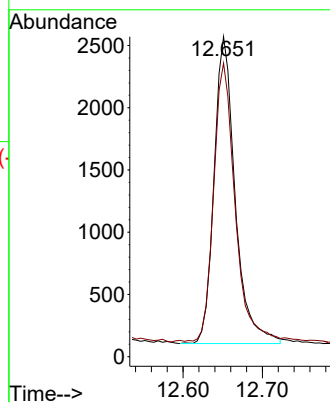
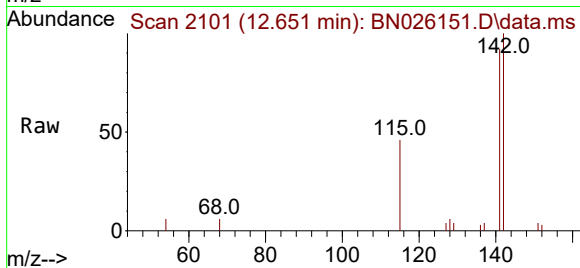
DCFX9DL

Tgt Ion:142 Resp: 4553

Ion Ratio Lower Upper

142 100

141 91.3 74.2 111.4



#10

Acenaphthylene

Concen: 0.083 ng/ul

RT: 14.321 min Scan# 2436

Delta R.T. -0.004 min

Lab File: BN026151.D

Acq: 01 Jul 2023 14:49

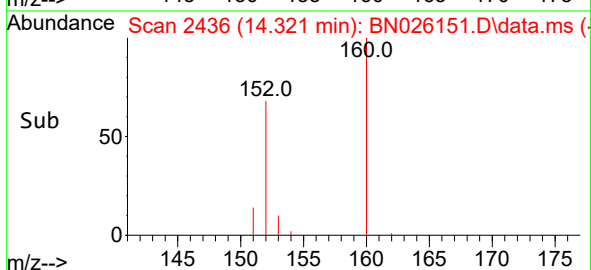
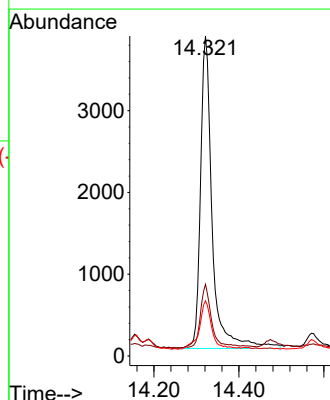
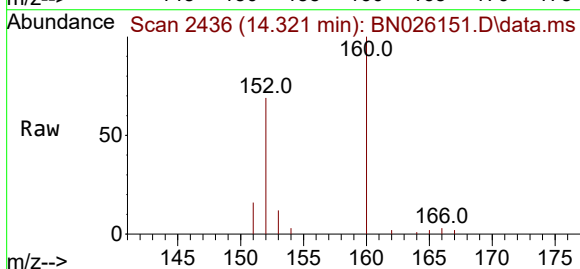
Tgt Ion:152 Resp: 7302

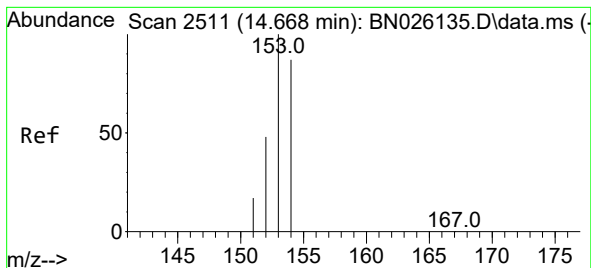
Ion Ratio Lower Upper

152 100

151 22.4 16.2 24.4

153 17.3 10.9 16.3#





#11

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.664 min Scan# 2511

Delta R.T. -0.004 min

Lab File: BN026151.D

Acq: 01 Jul 2023 14:49

Instrument :

BNA_N

ClientSampleId :

DCFX9DL

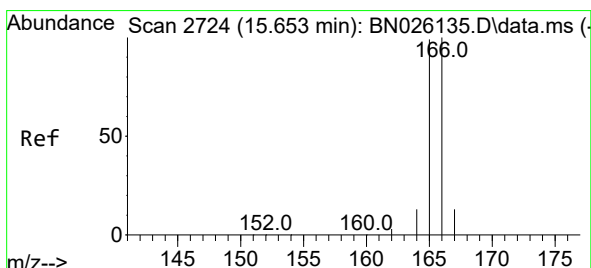
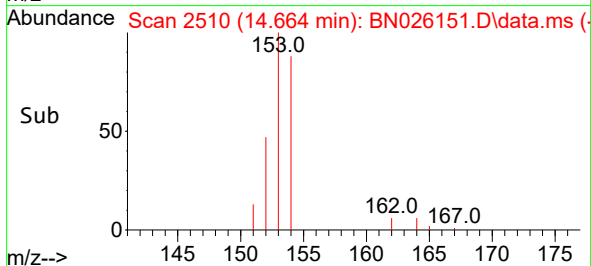
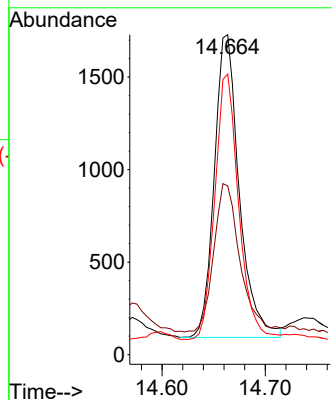
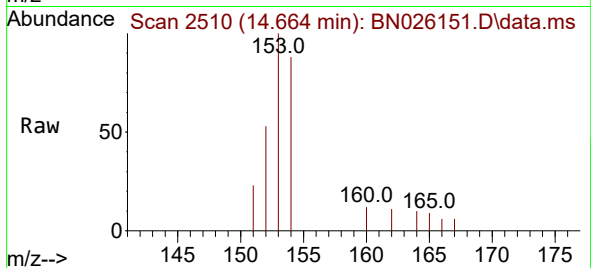
Tgt Ion:153 Resp: 2752

Ion Ratio Lower Upper

153 100

152 52.7 39.4 59.0

154 87.7 68.9 103.3



#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.649 min Scan# 2723

Delta R.T. -0.004 min

Lab File: BN026151.D

Acq: 01 Jul 2023 14:49

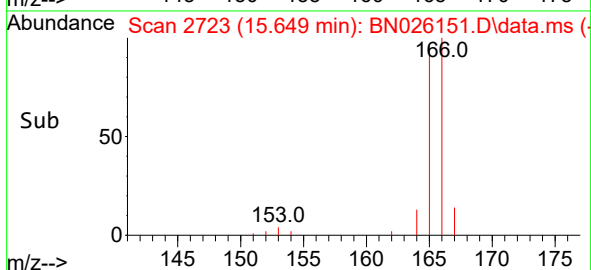
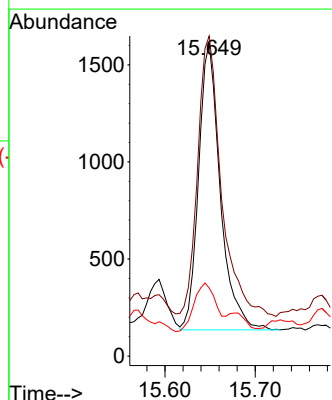
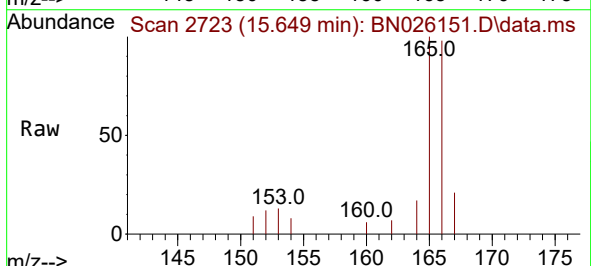
Tgt Ion:166 Resp: 2465

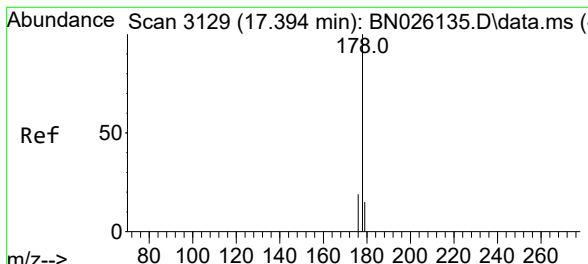
Ion Ratio Lower Upper

166 100

165 102.2 79.9 119.9

167 21.7 10.8 16.2#

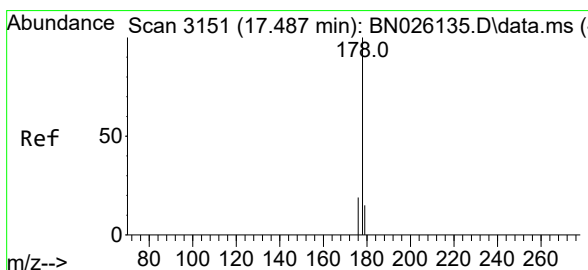
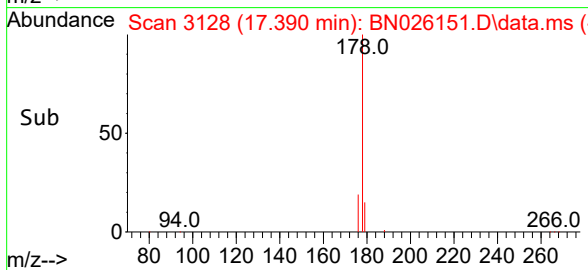
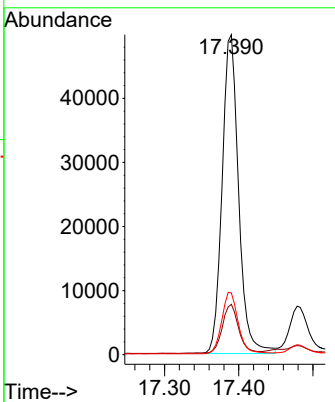
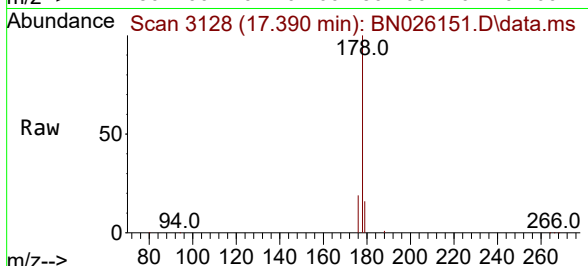




#15
 Phenanthrene
 Concen: 0.645 ng/ul
 RT: 17.390 min Scan# 3128
 Delta R.T. -0.004 min
 Lab File: BN026151.D
 Acq: 01 Jul 2023 14:49

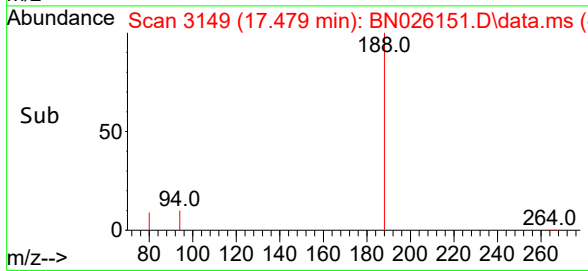
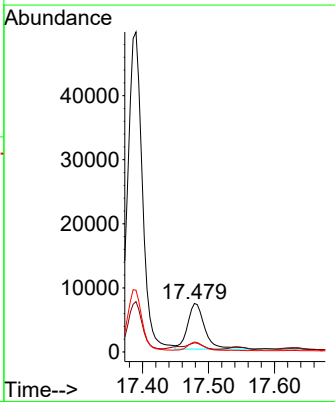
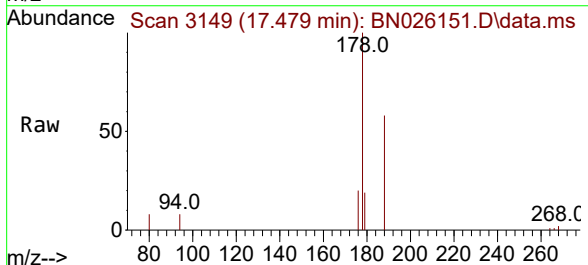
Instrument :
 BNA_N
 ClientSampleId :
 DCFX9DL

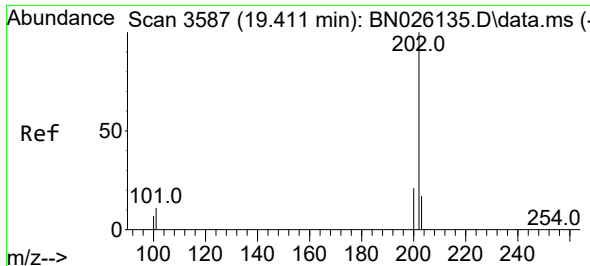
Tgt Ion:	178	Resp:	76718
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	19.3	15.8	23.6



#16
 Anthracene
 Concen: 0.124 ng/ul
 RT: 17.479 min Scan# 3149
 Delta R.T. -0.008 min
 Lab File: BN026151.D
 Acq: 01 Jul 2023 14:49

Tgt Ion:	178	Resp:	13131
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.6	18.8#
176	20.5	15.1	22.7

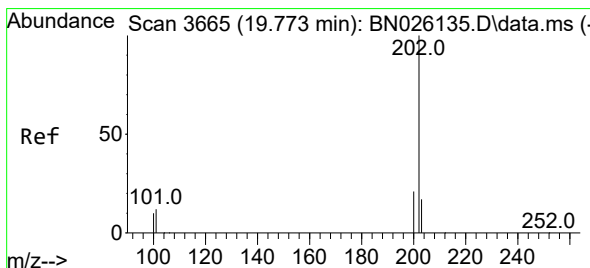
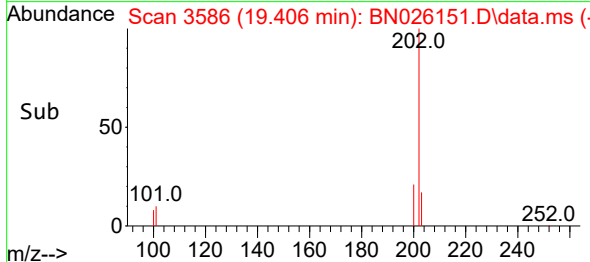
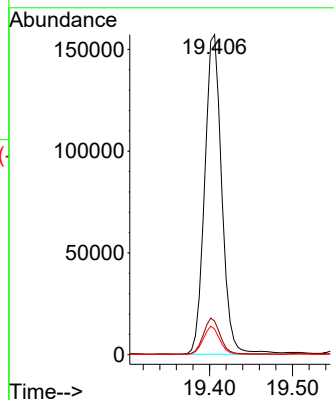
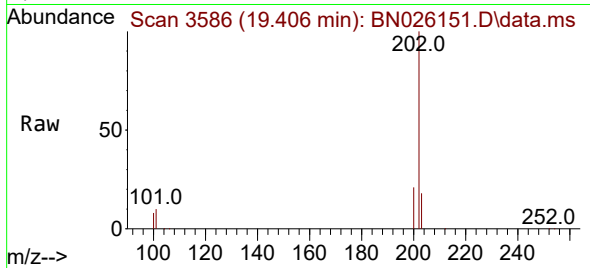




#19
Fluoranthene
Concen: 2.092 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

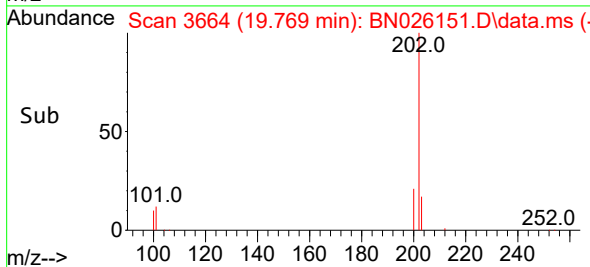
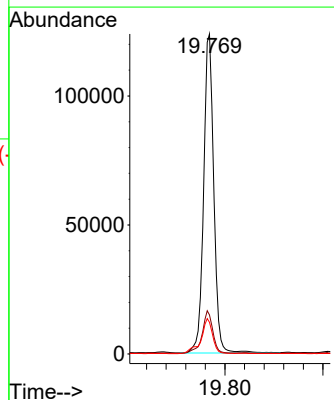
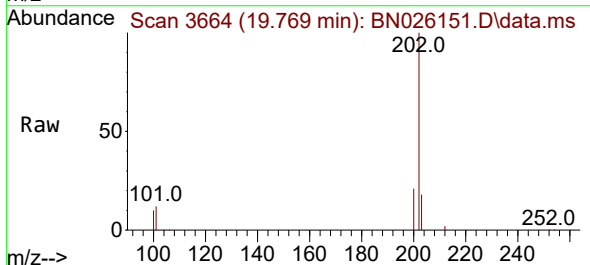
Instrument :
BNA_N
ClientSampleId :
DCFX9DL

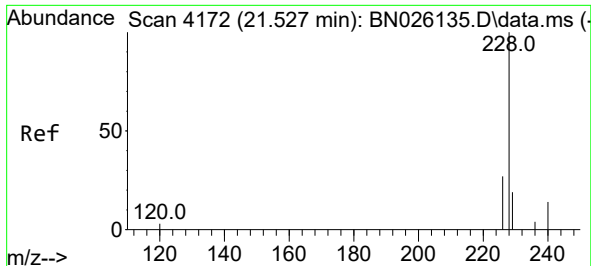
Tgt Ion:202 Resp: 224881
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 1.590 ng/ul
RT: 19.769 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

Tgt Ion:202 Resp: 177834
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.9 9.1 13.7

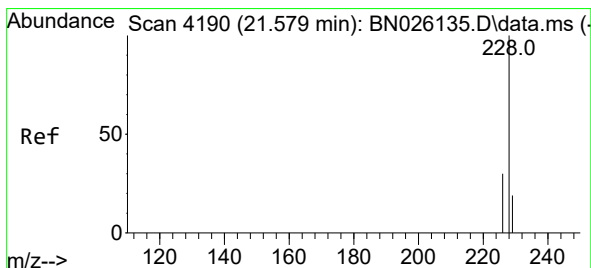
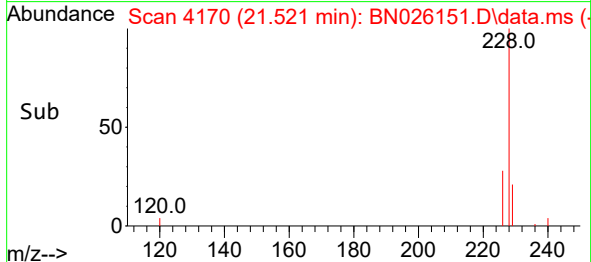
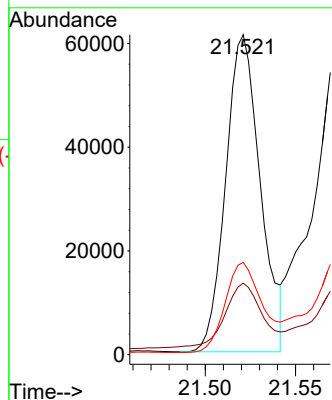
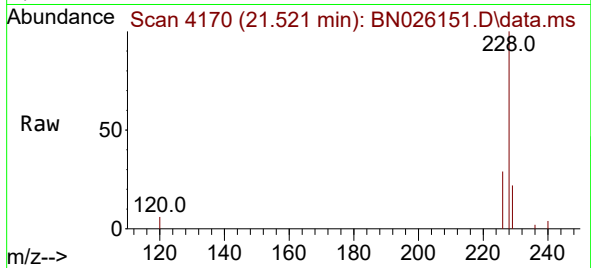




#21
Benzo(a)anthracene
Concen: 0.982 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

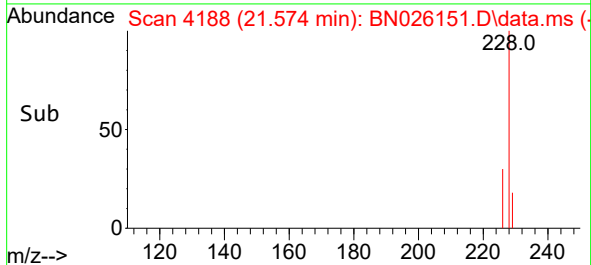
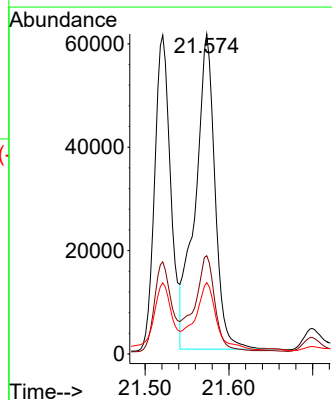
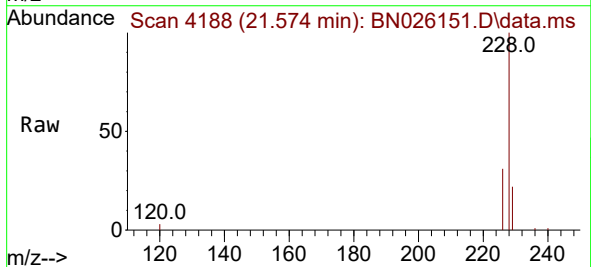
Instrument :
BNA_N
ClientSampleId :
DCFX9DL

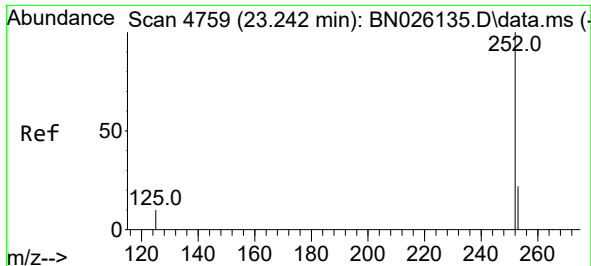
Tgt Ion:228 Resp: 81570
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 28.9 22.5 33.7



#22
Chrysene
Concen: 1.153 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

Tgt Ion:228 Resp: 99650
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.3 15.7 23.5

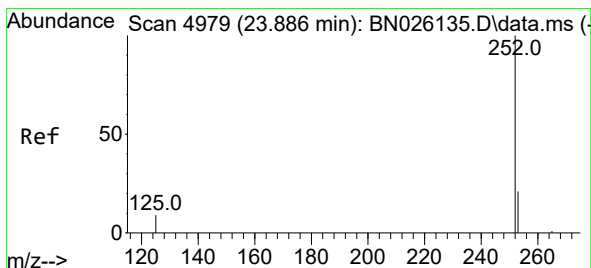
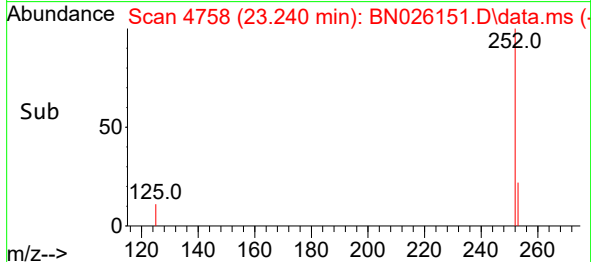
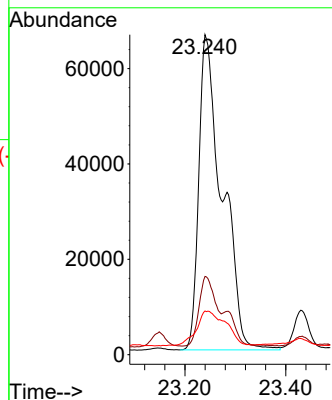
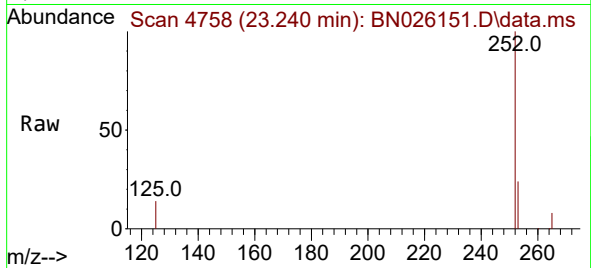




#24
Benzo(b)fluoranthene
Concen: 2.504 ng/ul
RT: 23.240 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

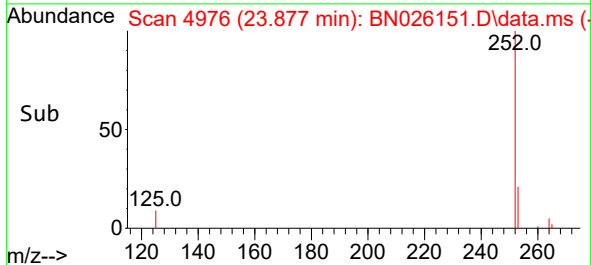
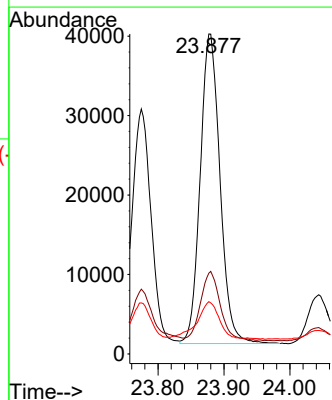
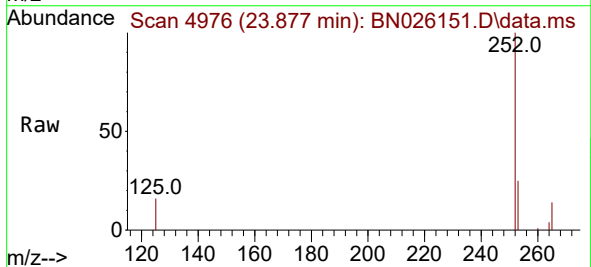
Instrument :
BNA_N
ClientSampleId :
DCFX9DL

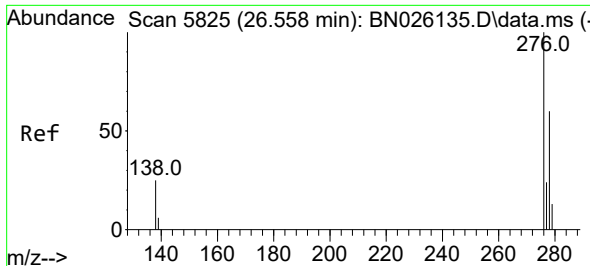
Tgt Ion:252 Resp: 212107
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 13.6 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.107 ng/ul
RT: 23.877 min Scan# 4976
Delta R.T. -0.009 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

Tgt Ion:252 Resp: 81483
Ion Ratio Lower Upper
252 100
253 25.3 26.0 39.0#
125 16.3 17.3 25.9#

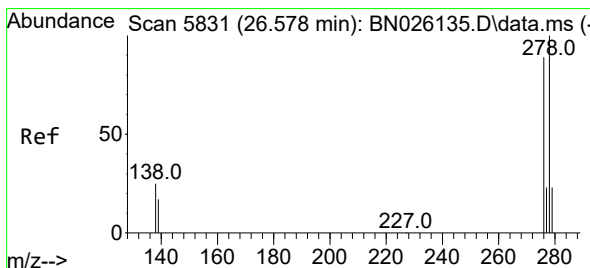
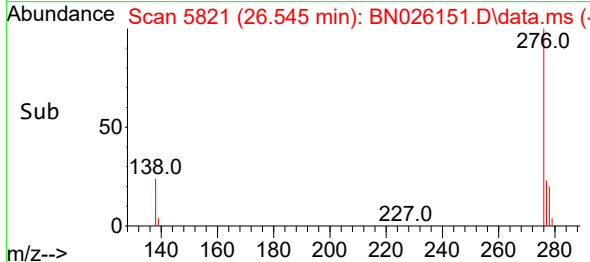
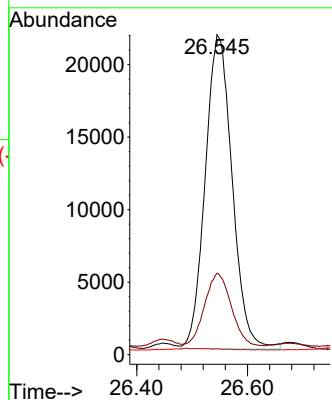
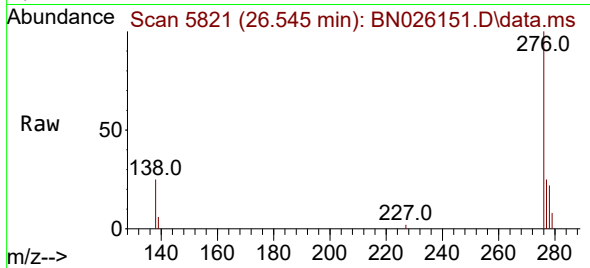




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.911 ng/ul
 RT: 26.545 min Scan# 5821
 Delta R.T. -0.013 min
 Lab File: BN026151.D
 Acq: 01 Jul 2023 14:49

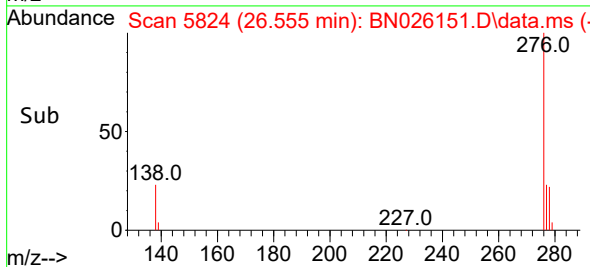
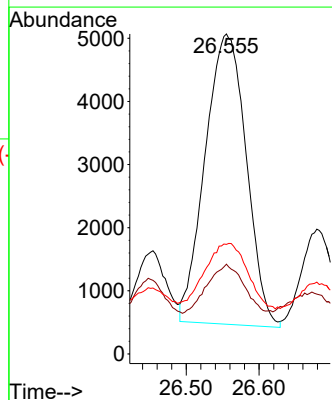
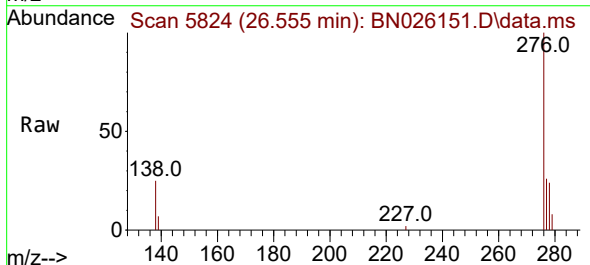
Instrument :
 BNA_N
 ClientSampleId :
 DCFX9DL

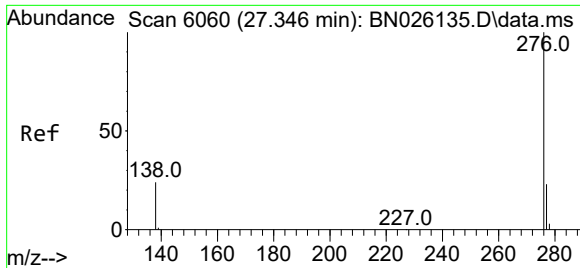
Tgt Ion:276 Resp: 73219
 Ion Ratio Lower Upper
 276 100
 138 23.1 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.297 ng/ul
 RT: 26.555 min Scan# 5824
 Delta R.T. -0.023 min
 Lab File: BN026151.D
 Acq: 01 Jul 2023 14:49

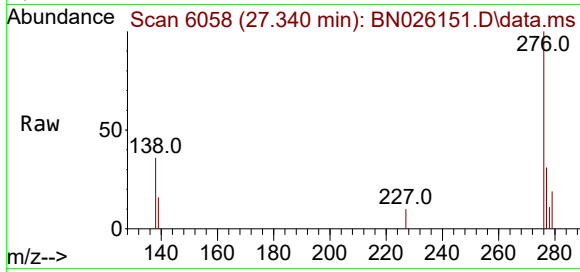
Tgt Ion:278 Resp: 18038
 Ion Ratio Lower Upper
 278 100
 139 28.1 19.0 28.4
 279 34.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.174 ng/ul
 RT: 27.340 min Scan# 6058
 Delta R.T. -0.007 min
 Lab File: BN026151.D
 Acq: 01 Jul 2023 14:49

Instrument :
 BNA_N
 ClientSampleId :
 DCFX9DL



Tgt Ion:276 Resp: 12454
 Ion Ratio Lower Upper
 276 100
 138 35.9 23.4 35.0#
 277 30.7 20.0 30.0#

