

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026142.D
 Acq On : 30 Jun 2023 22:39
 Operator : MA/JU
 Sample : 03161-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

Quant Time: Jul 01 01:48:33 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)

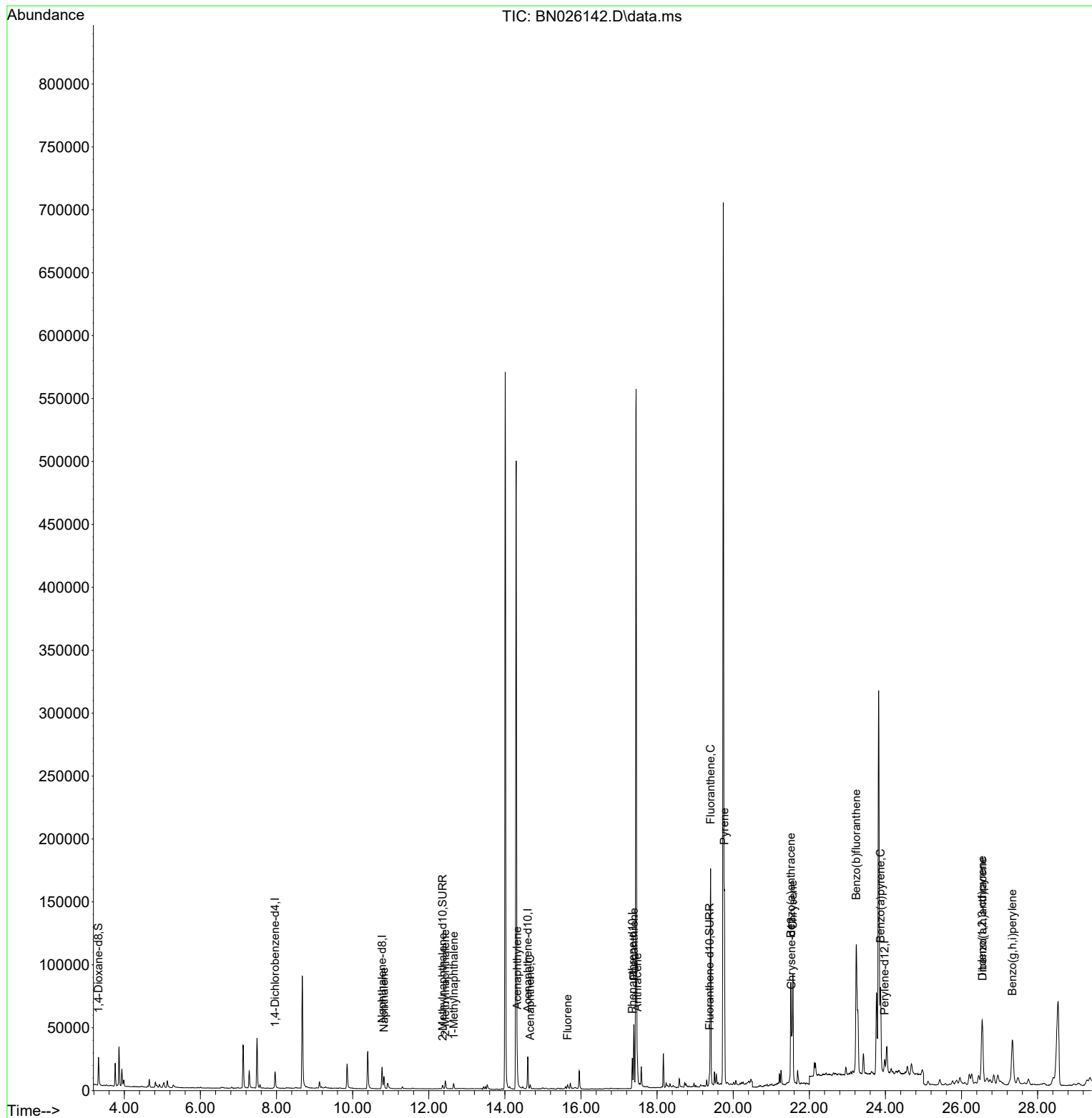
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7840	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14539	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29036	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15514	0.400	ng/ul	# 0.00
23) Perylene-d12	23.981	264	15382	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	15058	1.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	4335	0.112	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	8105	0.137	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.825	128	14259	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.437	142	4942	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	3048	0.064	ng/ul	100
10) Acenaphthylene	14.325	152	14548	0.214	ng/ul	98
11) Acenaphthene	14.667	153	2072	0.037	ng/ul	96
12) Fluorene	15.648	166	2187	0.034	ng/ul#	93
15) Phenanthrene	17.389	178	55824	0.582	ng/ul	99
16) Anthracene	17.482	178	16039	0.188	ng/ul	96
19) Fluoranthene	19.405	202	151484	1.828	ng/ul	99
20) Pyrene	19.768	202	125254	1.453	ng/ul	98
21) Benzo(a)anthracene	21.514	228	68430	1.069	ng/ul	95
22) Chrysene	21.567	228	100317	1.506	ng/ul	96
24) Benzo(b)fluoranthene	23.233	252	239784	3.652	ng/ul	94
26) Benzo(a)pyrene	23.870	252	99802	1.750	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.541	276	92460	1.485	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.551	278	22067	0.468	ng/ul#	91
29) Benzo(g,h,i)perylene	27.336	276	88121	1.590	ng/ul	97

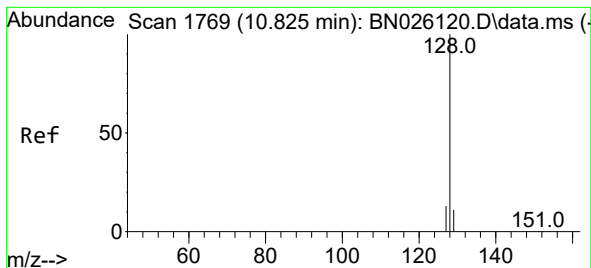
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.198 ng/ul

RT: 10.825 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

Instrument :

BNA_N

ClientSampleId :

DCF9

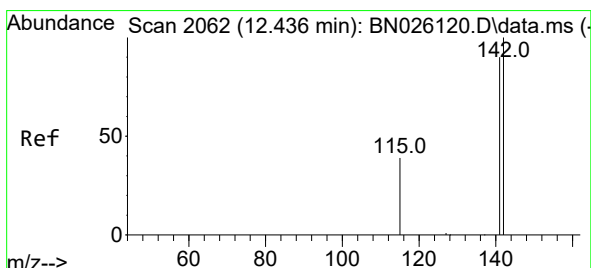
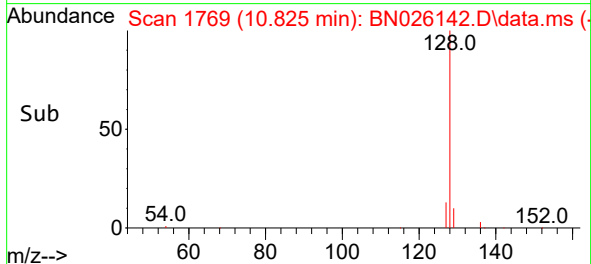
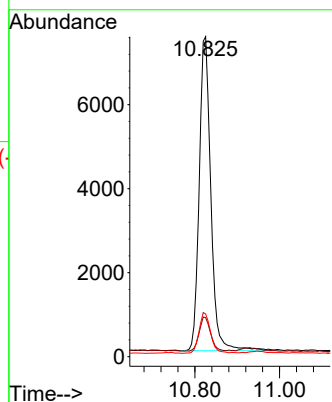
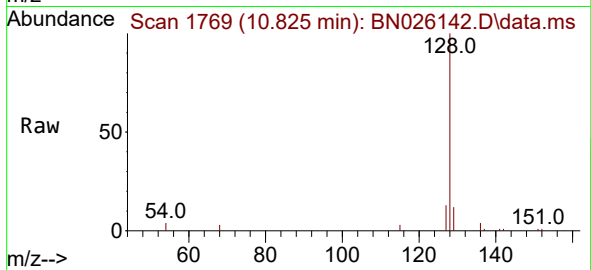
Tgt Ion:128 Resp: 14259

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.108 ng/ul

RT: 12.437 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BN026142.D

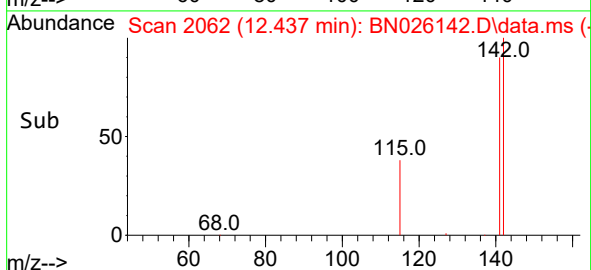
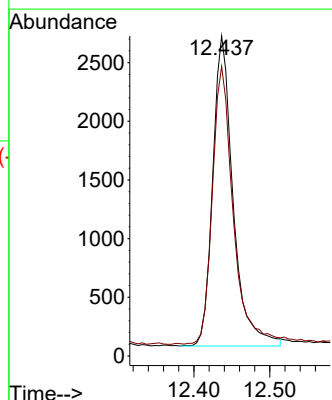
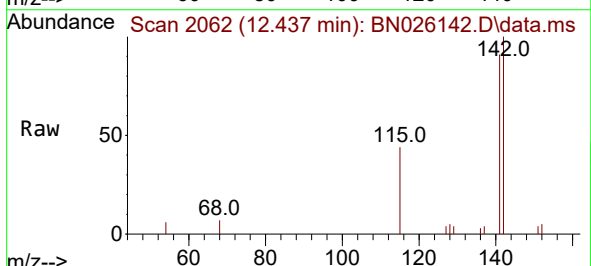
Acq: 30 Jun 2023 22:39

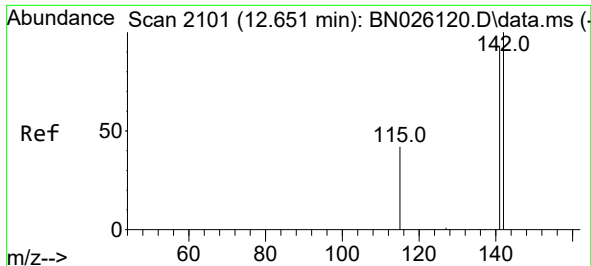
Tgt Ion:142 Resp: 4942

Ion Ratio Lower Upper

142 100

141 91.0 71.9 107.9

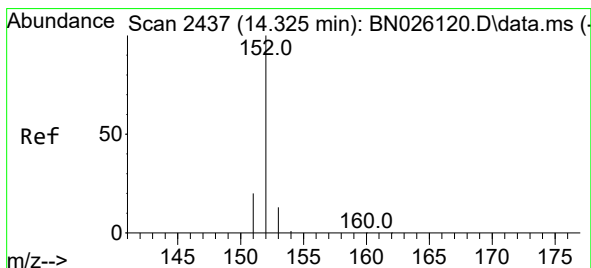
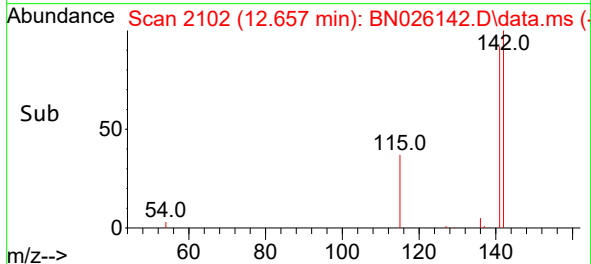
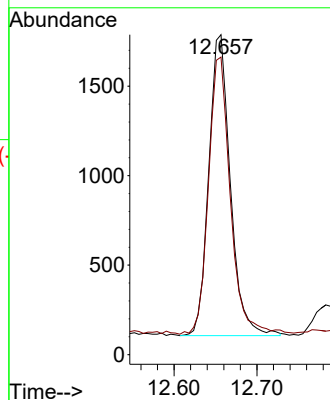
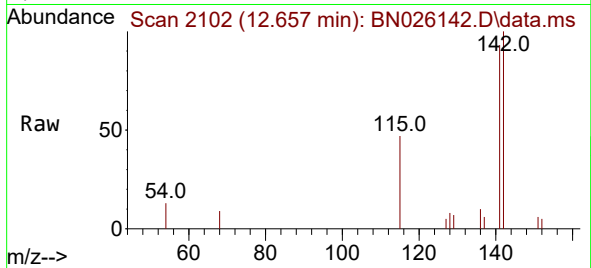




#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.657 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

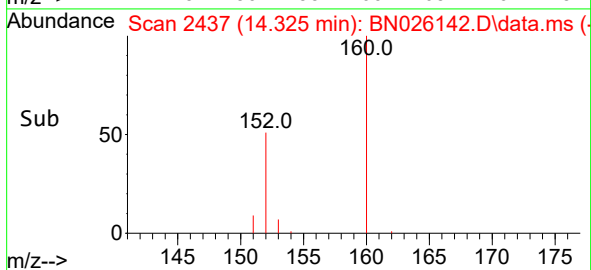
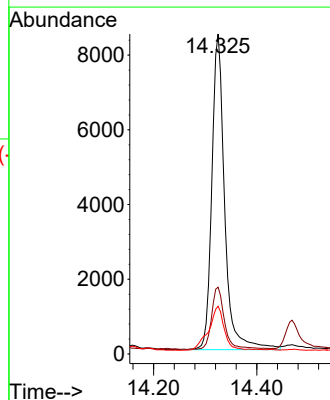
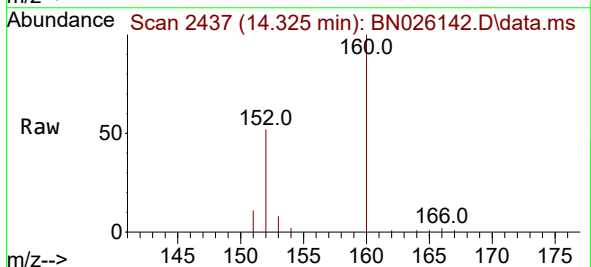
Instrument :
BNA_N
ClientSampleId :
DCFW9

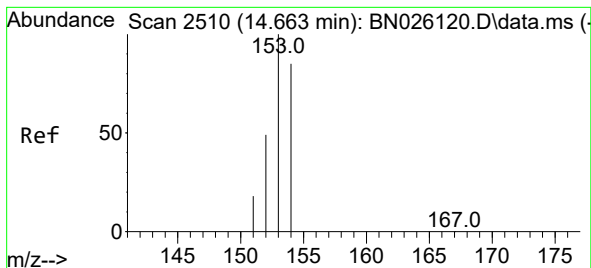
Tgt Ion:142 Resp: 3048
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

Tgt Ion:152 Resp: 14548
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.9 10.9 16.3





#11

Acenaphthene

Concen: 0.037 ng/ul

RT: 14.667 min Scan# 2511

Delta R.T. -0.001 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

Instrument :

BNA_N

ClientSampleId :

DCFW9

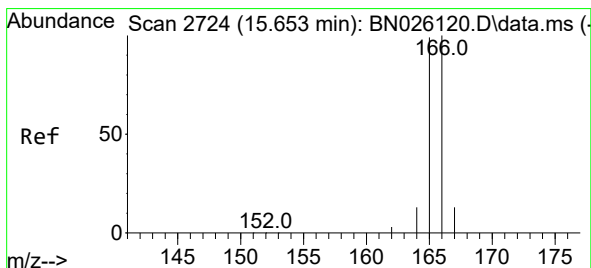
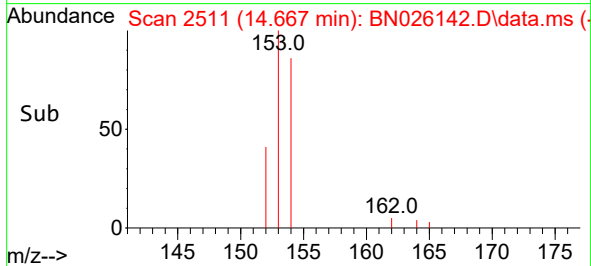
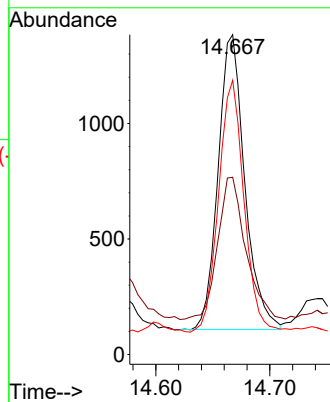
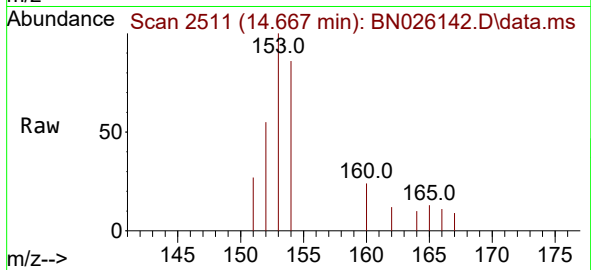
Tgt Ion:153 Resp: 2072

Ion Ratio Lower Upper

153 100

152 55.4 39.4 59.0

154 85.8 68.9 103.3



#12

Fluorene

Concen: 0.034 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.005 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

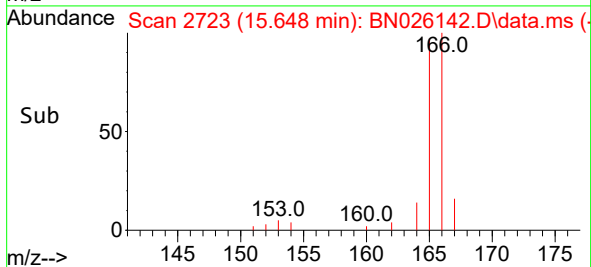
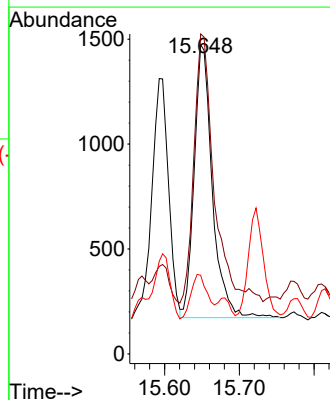
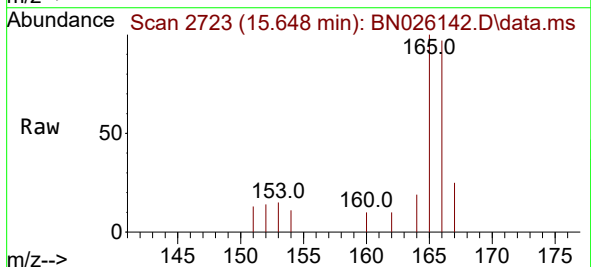
Tgt Ion:166 Resp: 2187

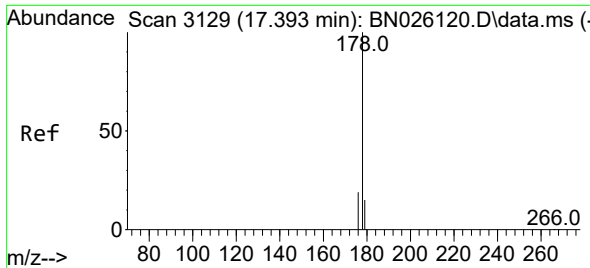
Ion Ratio Lower Upper

166 100

165 103.5 79.9 119.9

167 25.4 10.8 16.2#

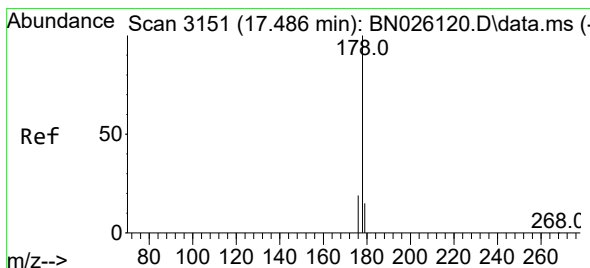
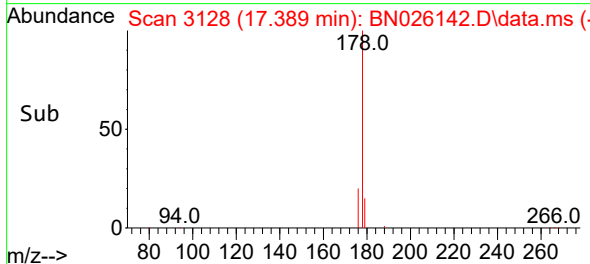
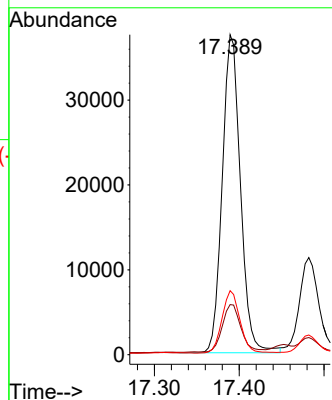
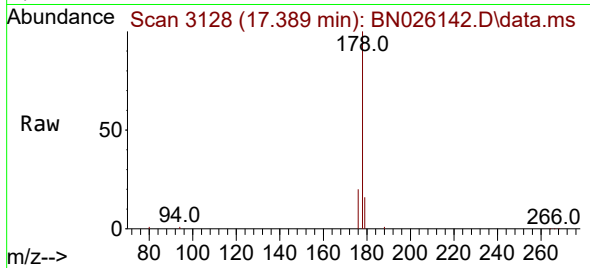




#15
Phenanthrene
Concen: 0.582 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

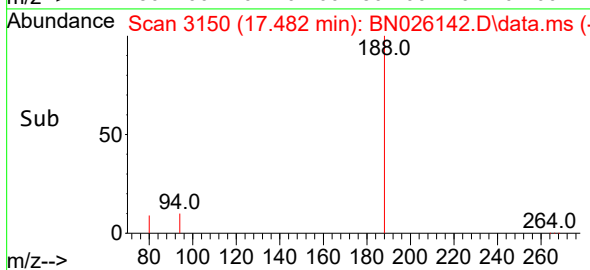
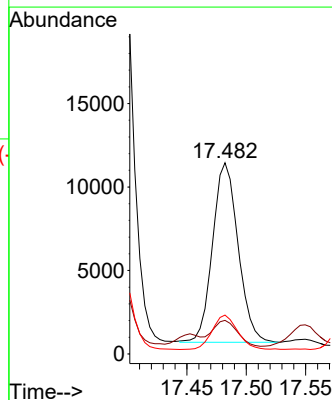
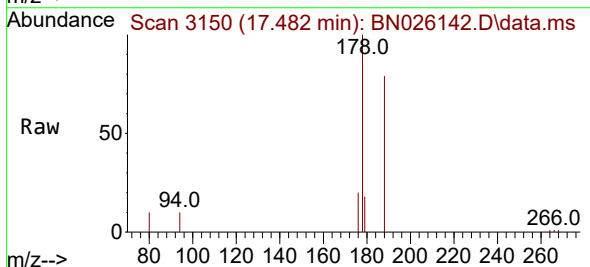
Instrument :
BNA_N
ClientSampleId :
DCFW9

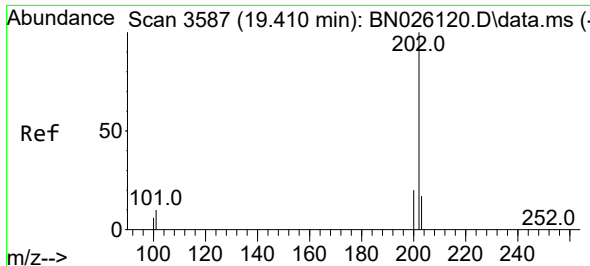
Tgt Ion:178 Resp: 55824
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

Tgt Ion:178 Resp: 16039
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 20.3 15.1 22.7

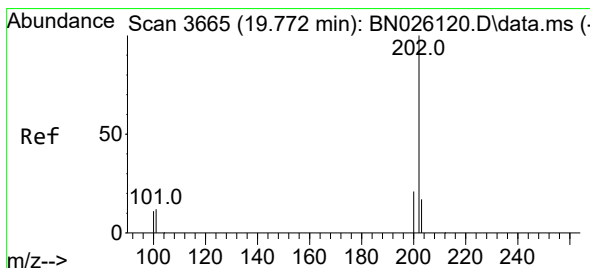
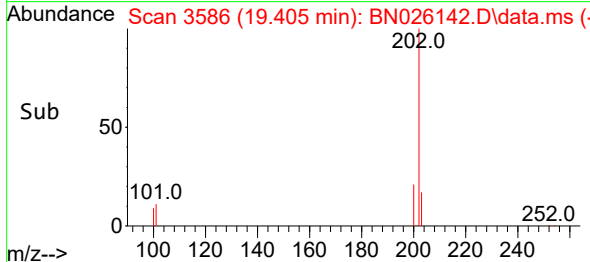
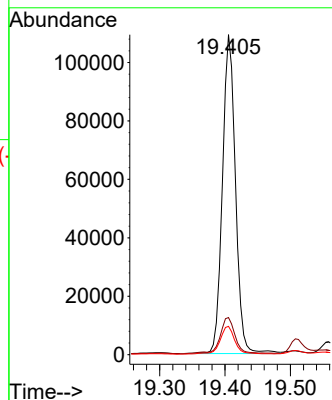
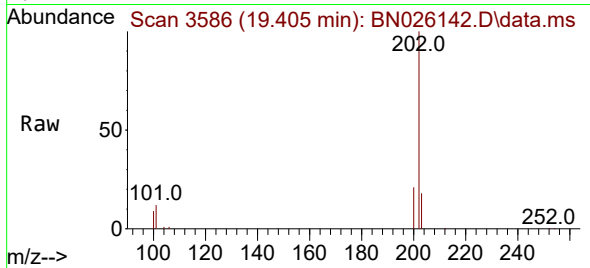




#19
Fluoranthene
Concen: 1.828 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

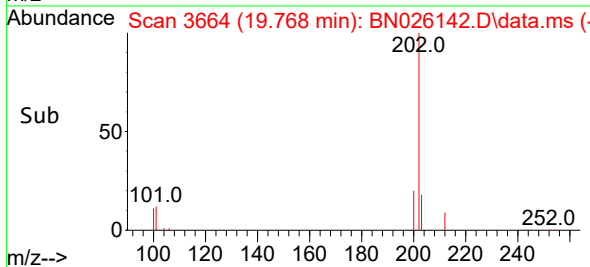
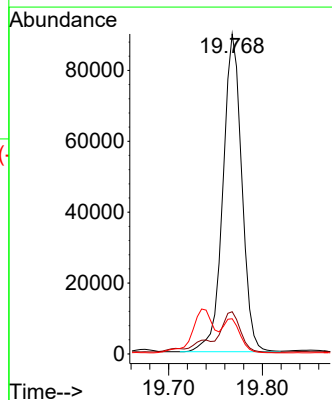
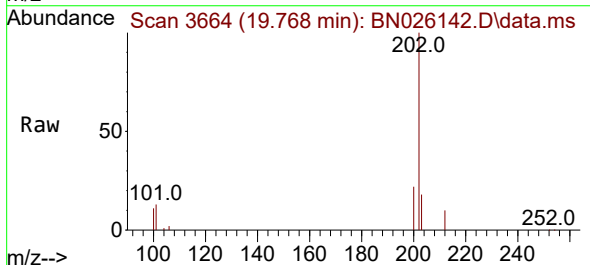
Instrument :
BNA_N
ClientSampleId :
DCFW9

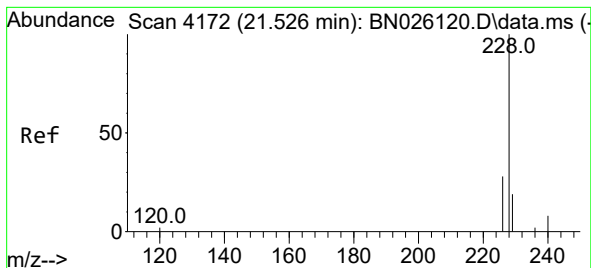
Tgt Ion:202 Resp: 151484
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 1.453 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

Tgt Ion:202 Resp: 125254
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.0 9.1 13.7





#21

Benzo(a)anthracene

Concen: 1.069 ng/ul

RT: 21.514 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

Instrument :

BNA_N

ClientSampleId :

DCFW9

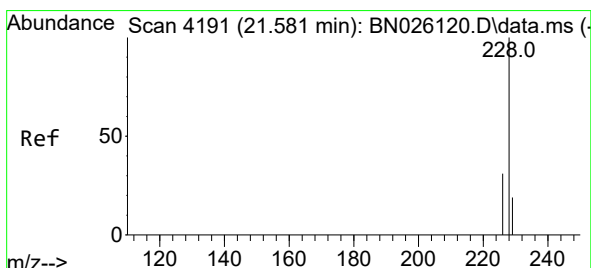
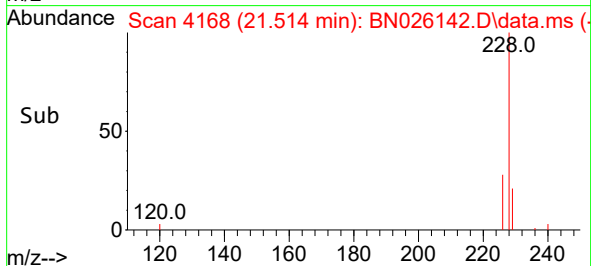
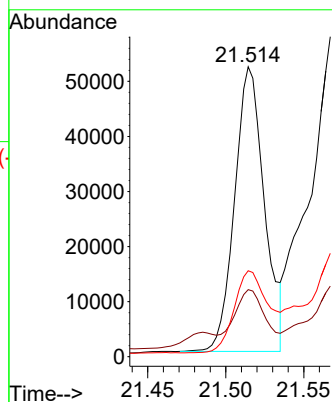
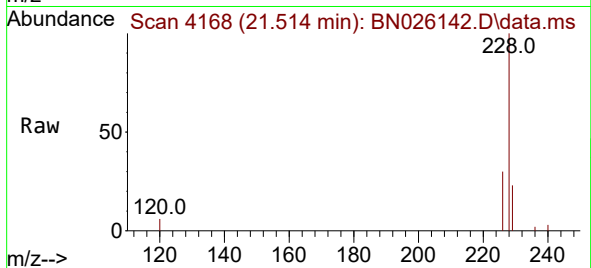
Tgt Ion:228 Resp: 68430

Ion Ratio Lower Upper

228 100

229 23.1 15.8 23.6

226 29.6 22.5 33.7



#22

Chrysene

Concen: 1.506 ng/ul

RT: 21.567 min Scan# 4186

Delta R.T. -0.012 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

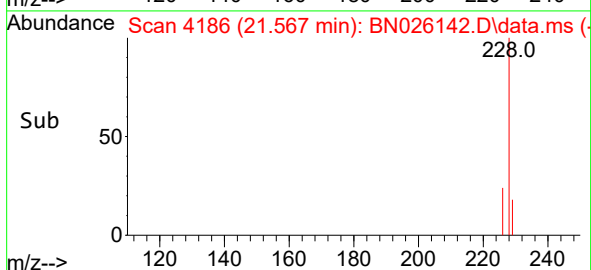
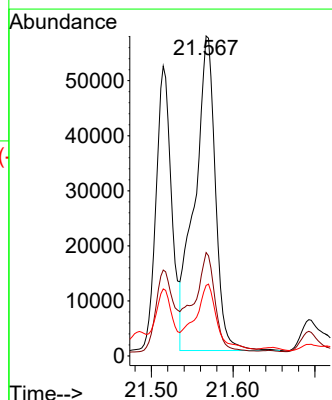
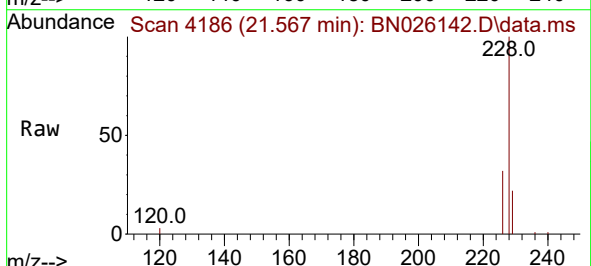
Tgt Ion:228 Resp: 100317

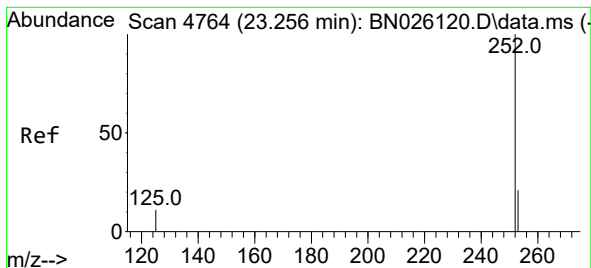
Ion Ratio Lower Upper

228 100

226 32.3 24.8 37.2

229 22.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 3.652 ng/ul

RT: 23.233 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

Instrument :

BNA_N

ClientSampleId :

DCFV9

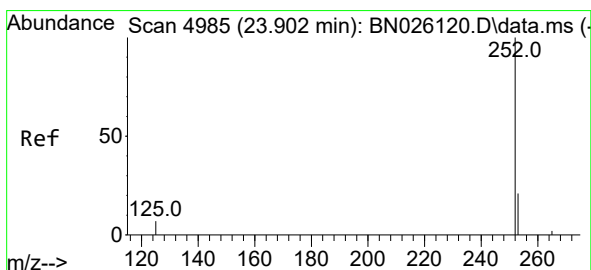
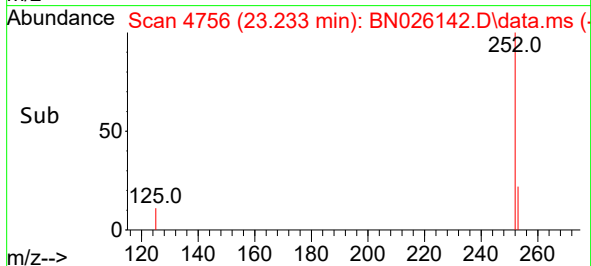
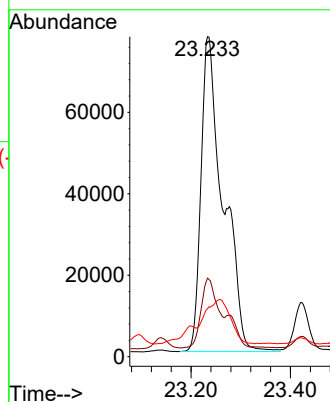
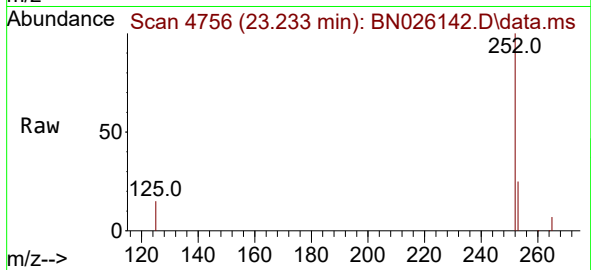
Tgt Ion:252 Resp: 239784

Ion Ratio Lower Upper

252 100

253 24.6 0.0 55.6

125 15.0 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.750 ng/ul

RT: 23.870 min Scan# 4974

Delta R.T. -0.015 min

Lab File: BN026142.D

Acq: 30 Jun 2023 22:39

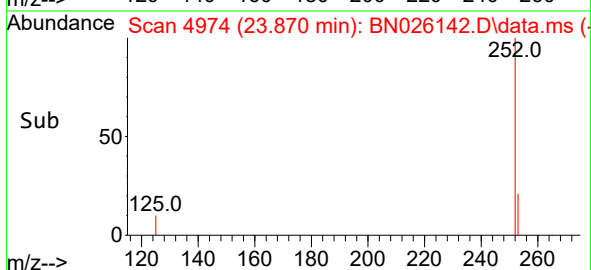
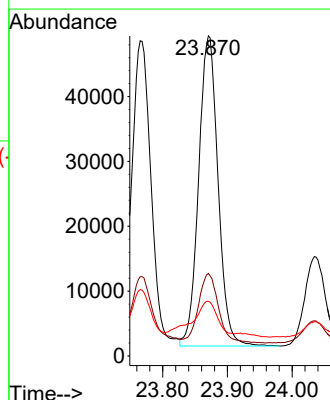
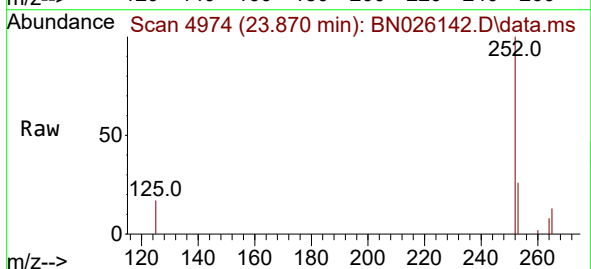
Tgt Ion:252 Resp: 99802

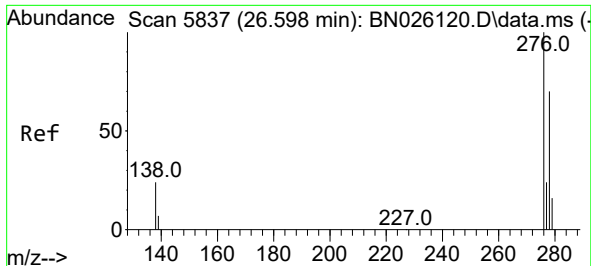
Ion Ratio Lower Upper

252 100

253 25.8 26.0 39.0#

125 17.1 17.3 25.9#

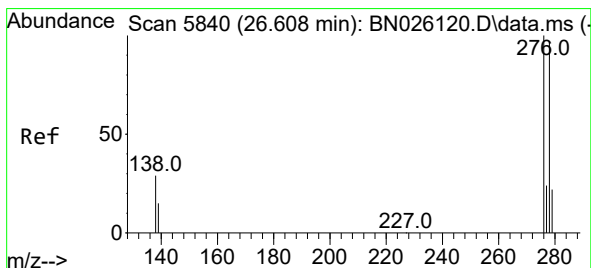
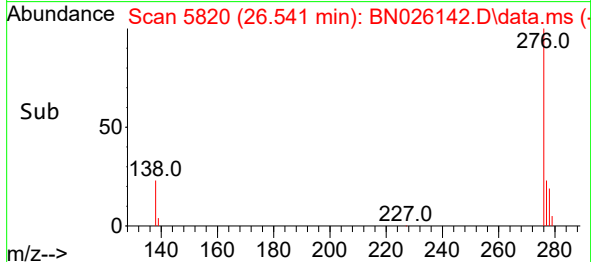
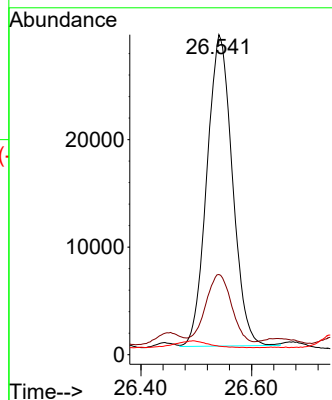
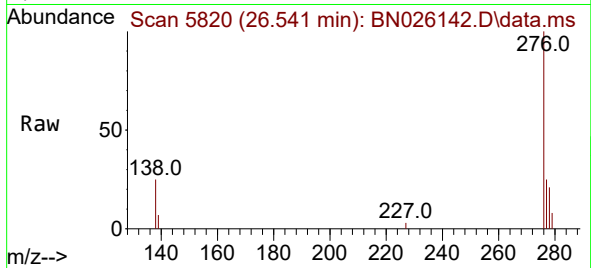




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.485 ng/ul
 RT: 26.541 min Scan# 5820
 Delta R.T. -0.017 min
 Lab File: BN026142.D
 Acq: 30 Jun 2023 22:39

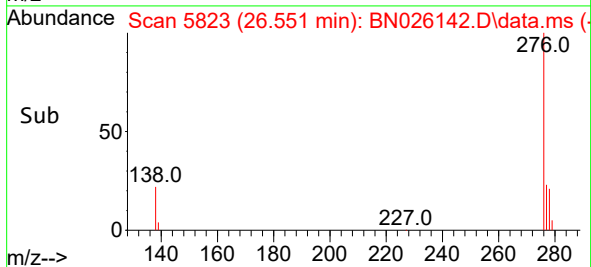
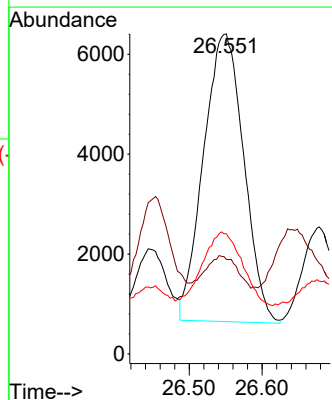
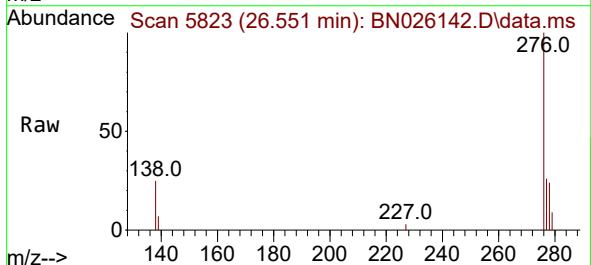
Instrument :
 BNA_N
 ClientSampleId :
 DCFW9

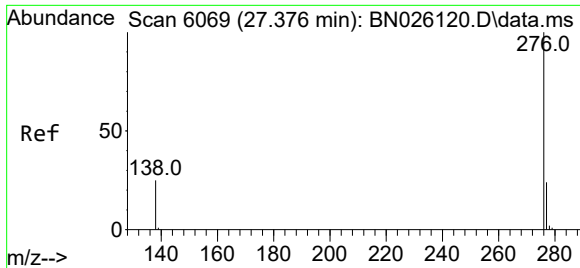
Tgt Ion:276 Resp: 92460
 Ion Ratio Lower Upper
 276 100
 138 23.2 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.468 ng/ul
 RT: 26.551 min Scan# 5823
 Delta R.T. -0.027 min
 Lab File: BN026142.D
 Acq: 30 Jun 2023 22:39

Tgt Ion:278 Resp: 22067
 Ion Ratio Lower Upper
 278 100
 139 29.6 19.0 28.4#
 279 37.6 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 1.590 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.011 min
Lab File: BN026142.D
Acq: 30 Jun 2023 22:39

Instrument :
BNA_N
ClientSampleId :
DCFW9

Tgt Ion:276 Resp: 88121
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 24.7 20.0 30.0

