

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026160.D
 Acq On : 01 Jul 2023 20:17
 Operator : MA/JU
 Sample : 03239-11DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY9DL

Quant Time: Jul 01 22:36:36 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)

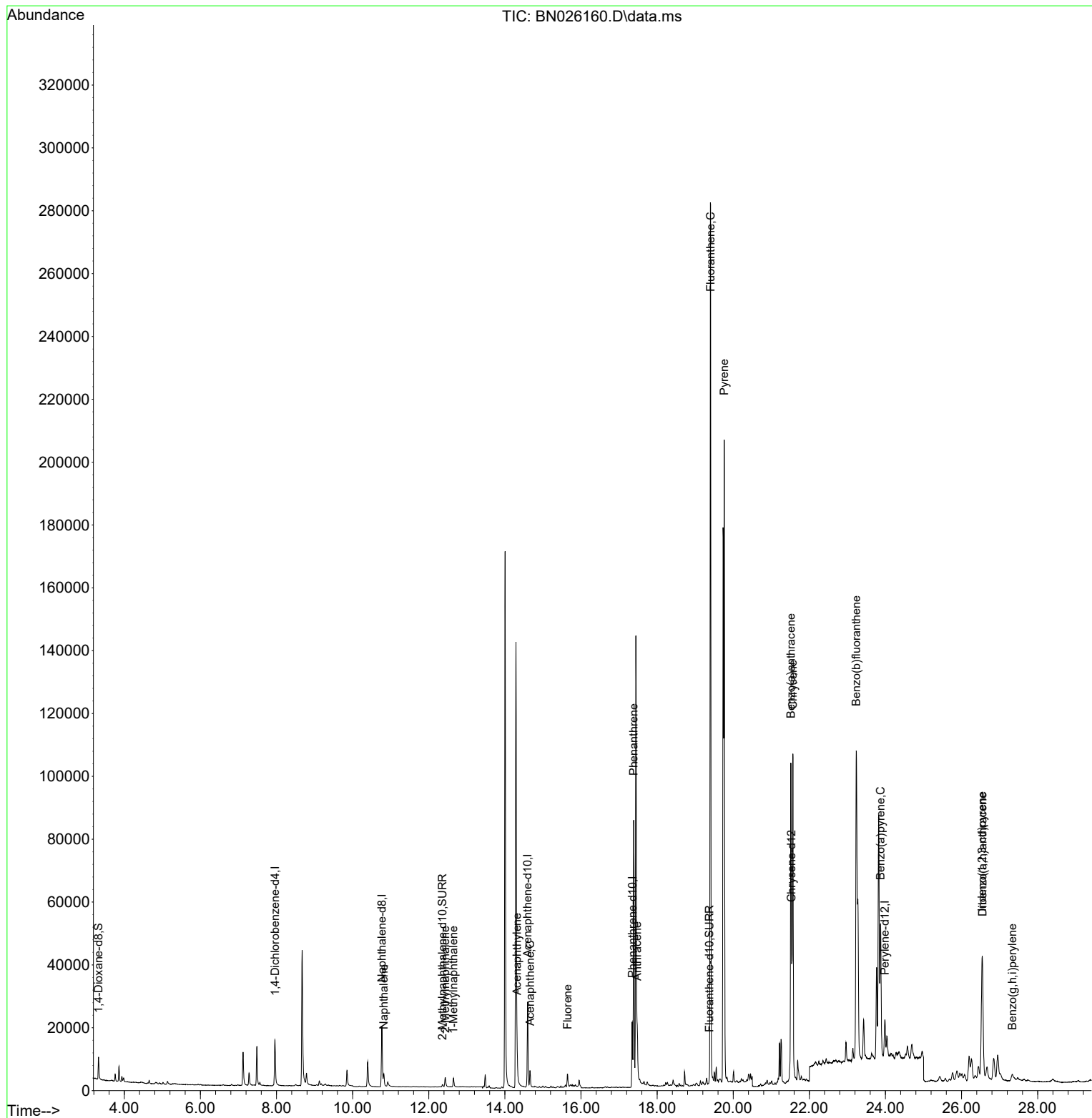
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	29598	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	15613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	26902	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	16180	0.400	ng/ul	-0.01
23) Perylene-d12	23.986	264	17862	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	4852	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	1405	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	1993	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	5787	0.068	ng/ul#	95
7) 2-Methylnaphthalene	12.435	142	2852	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.650	142	2233	0.040	ng/ul	99
10) Acenaphthylene	14.320	152	10638	0.146	ng/ul	98
11) Acenaphthene	14.662	153	3310	0.055	ng/ul	99
12) Fluorene	15.648	166	2987	0.044	ng/ul#	98
15) Phenanthrene	17.384	178	97059	1.092	ng/ul	99
16) Anthracene	17.477	178	17109	0.217	ng/ul	96
19) Fluoranthene	19.404	202	255964	2.962	ng/ul	96
20) Pyrene	19.762	202	174366	1.940	ng/ul	98
21) Benzo(a)anthracene	21.513	228	89129	1.335	ng/ul	98
22) Chrysene	21.566	228	110572	1.592	ng/ul	97
24) Benzo(b)fluoranthene	23.232	252	236110	3.097	ng/ul	92
26) Benzo(a)pyrene	23.872	252	66310	1.001	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.543	276	69118	0.956	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.550	278	20339	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	27.335	276	5820	0.090	ng/ul#	69

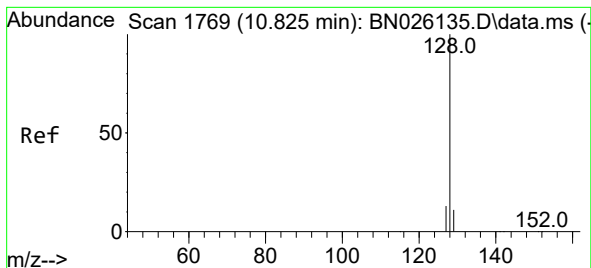
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026160.D
Acq On : 01 Jul 2023 20:17
Operator : MA/JU
Sample : 03239-11DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFY9DL

Quant Time: Jul 01 22:36:36 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: 0.068 ng/ul

RT: 10.818 min Scan# 1768

Delta R.T. -0.007 min

Lab File: BN026160.D

Acq: 01 Jul 2023 20:17

Instrument :

BNA_N

ClientSampleId :

DCFY9DL

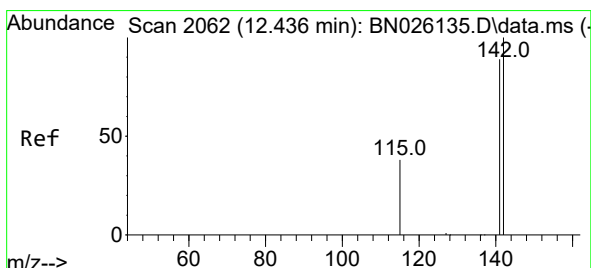
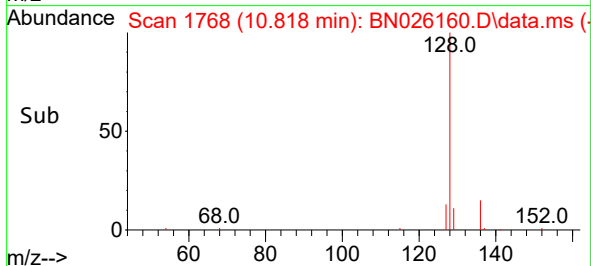
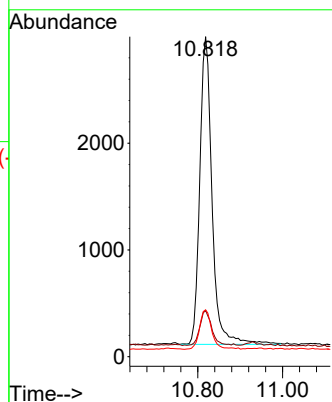
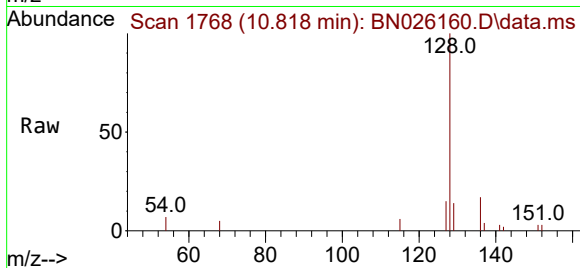
Tgt Ion:128 Resp: 5787

Ion Ratio Lower Upper

128 100

129 14.4 9.1 13.7#

127 14.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.435 min Scan# 2062

Delta R.T. -0.001 min

Lab File: BN026160.D

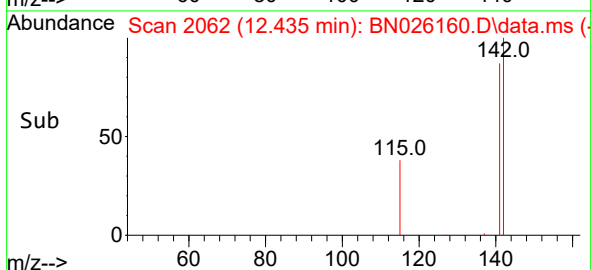
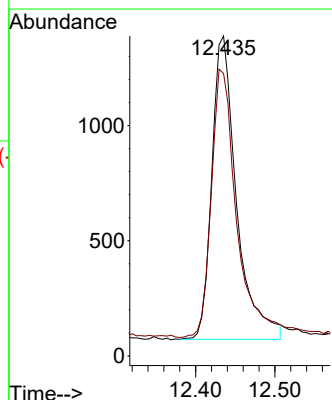
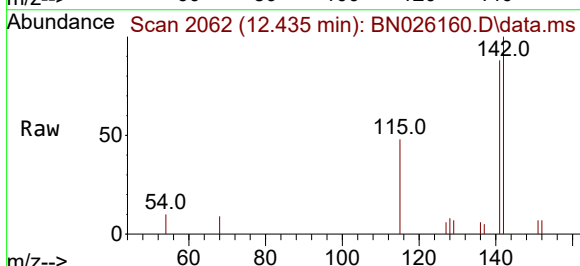
Acq: 01 Jul 2023 20:17

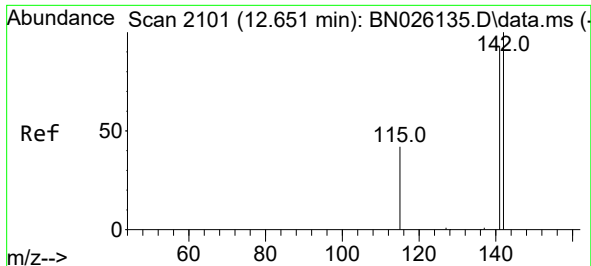
Tgt Ion:142 Resp: 2852

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9

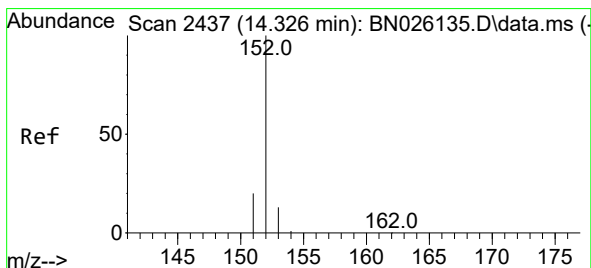
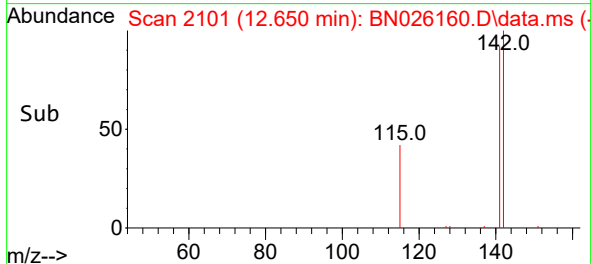
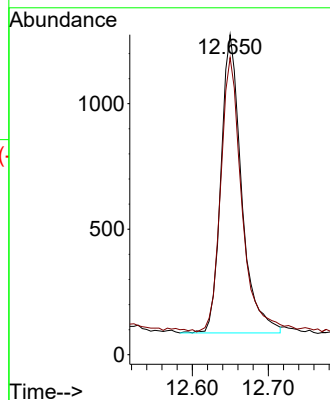
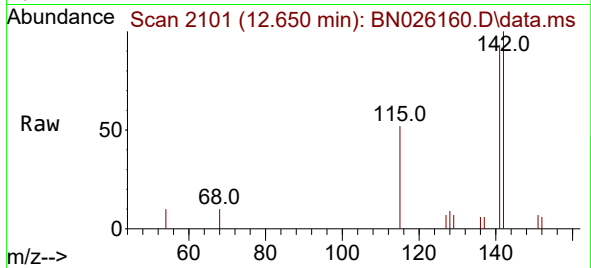




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.650 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

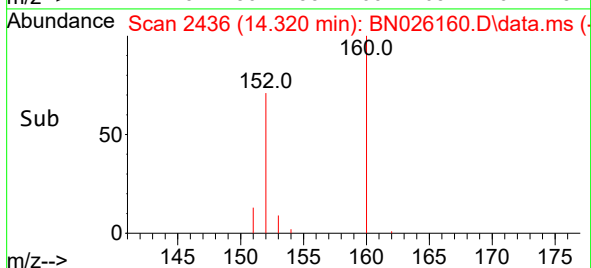
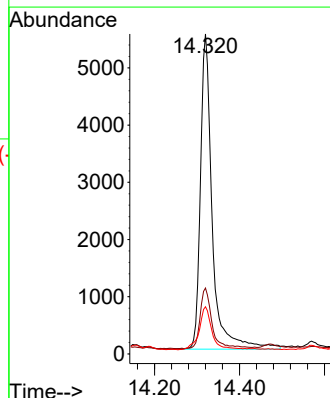
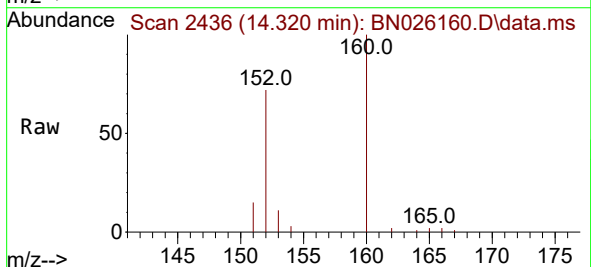
Instrument :
BNA_N
ClientSampleId :
DCFY9DL

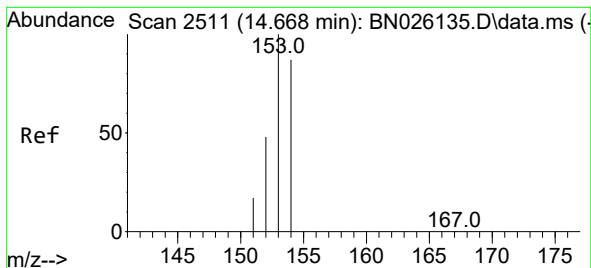
Tgt Ion:142 Resp: 2233
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.4



#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

Tgt Ion:152 Resp: 10638
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.8 10.9 16.3





#11

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.662 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BN026160.D

Acq: 01 Jul 2023 20:17

Instrument :

BNA_N

ClientSampleId :

DCFY9DL

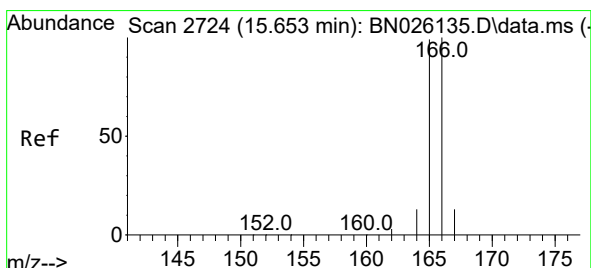
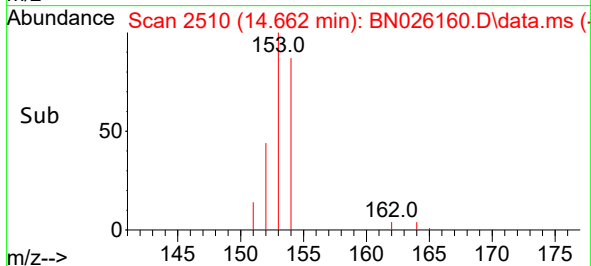
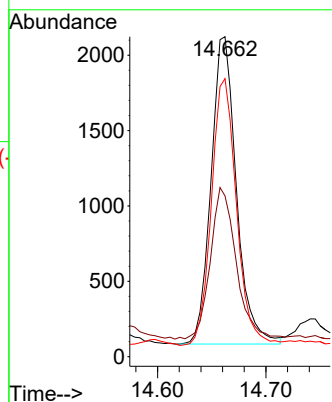
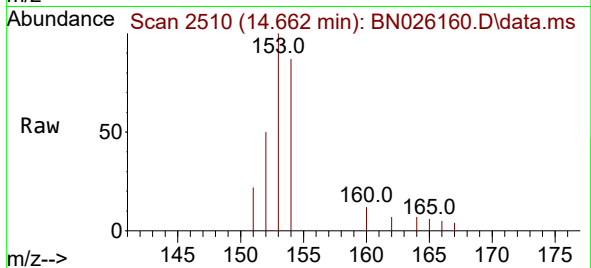
Tgt Ion:153 Resp: 3310

Ion Ratio Lower Upper

153 100

152 50.3 39.4 59.0

154 86.9 68.9 103.3



#12

Fluorene

Concen: 0.044 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.006 min

Lab File: BN026160.D

Acq: 01 Jul 2023 20:17

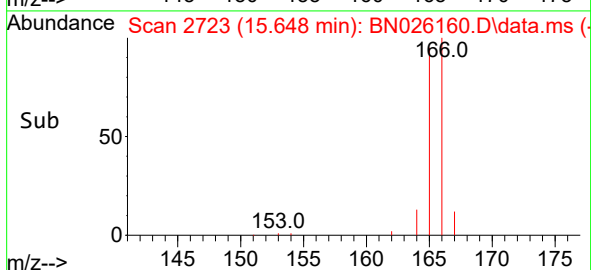
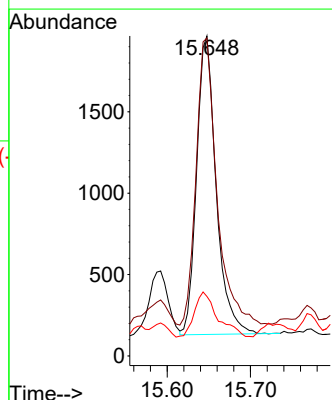
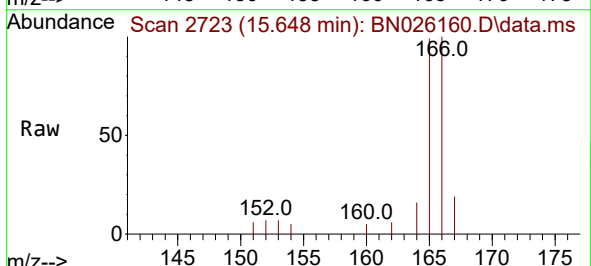
Tgt Ion:166 Resp: 2987

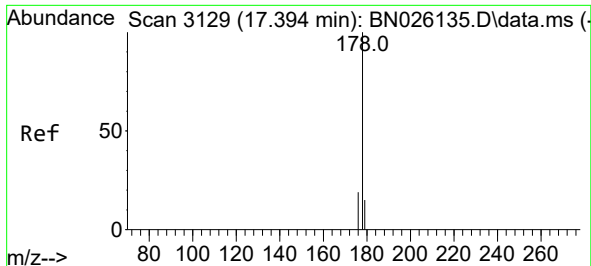
Ion Ratio Lower Upper

166 100

165 99.3 79.9 119.9

167 18.6 10.8 16.2#

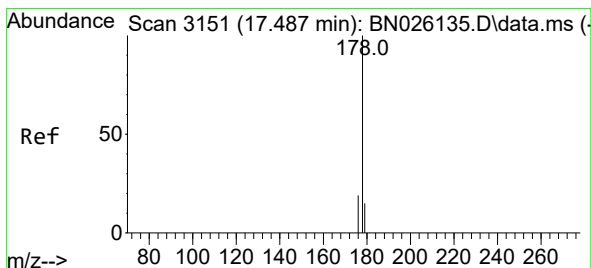
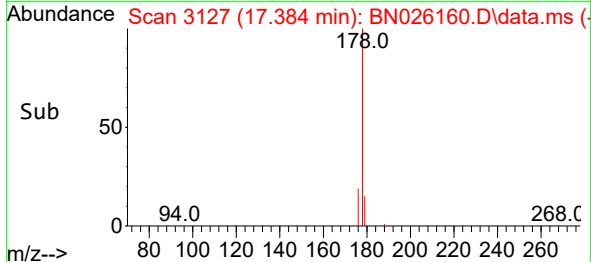
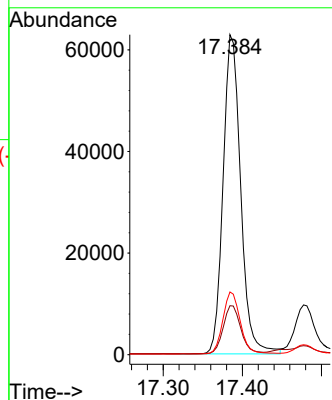
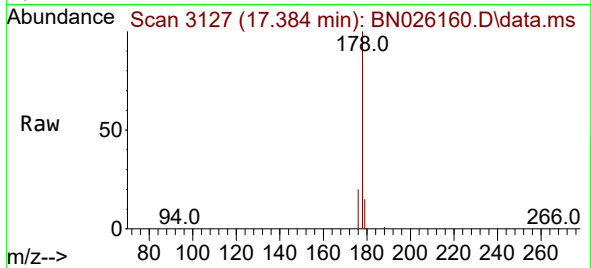




#15
Phenanthrene
Concen: 1.092 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

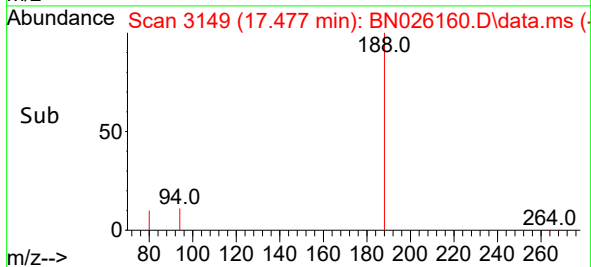
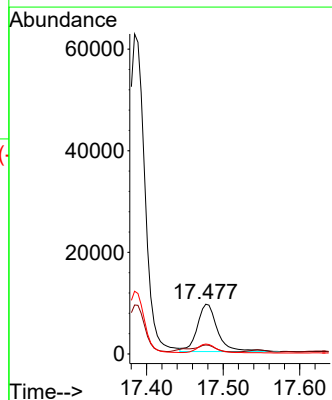
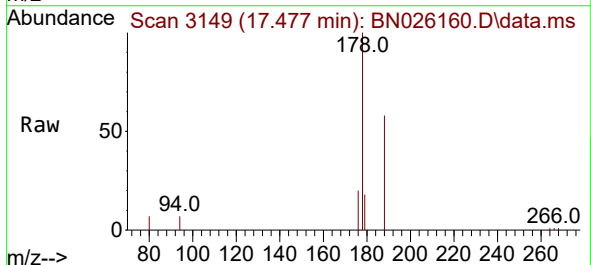
Instrument :
BNA_N
ClientSampleId :
DCFY9DL

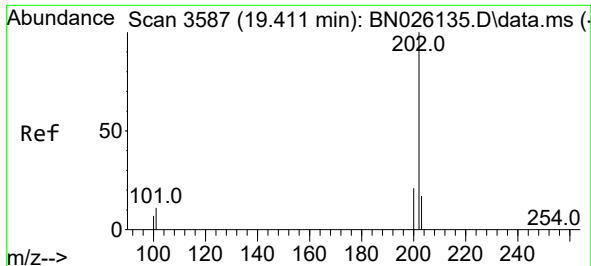
Tgt Ion:178 Resp: 97059
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.217 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

Tgt Ion:178 Resp: 17109
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.0 15.1 22.7

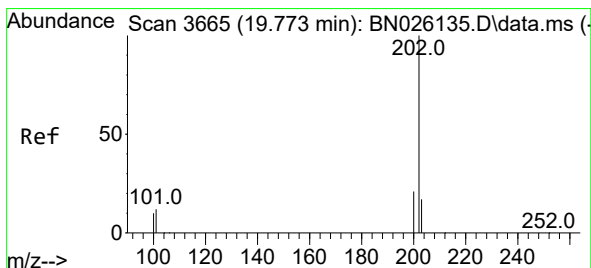
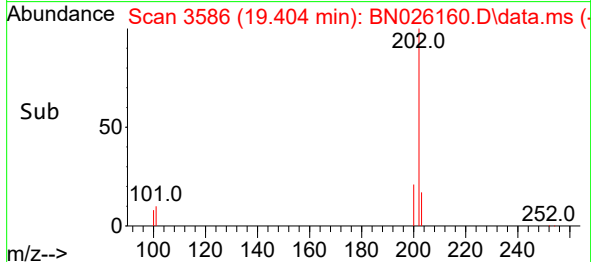
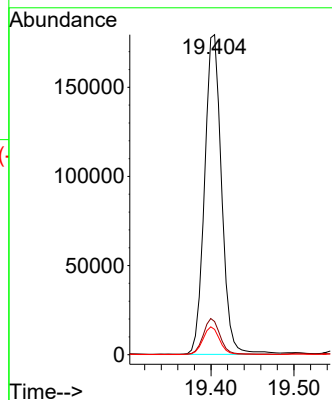
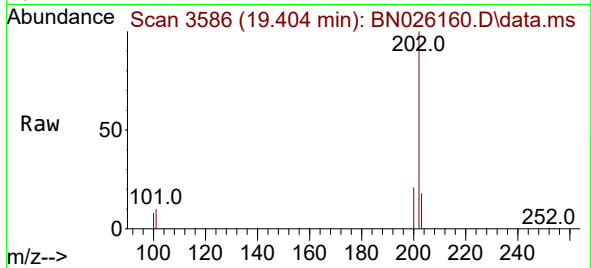




#19
Fluoranthene
Concen: 2.962 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

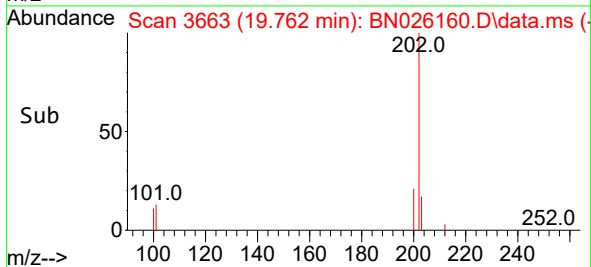
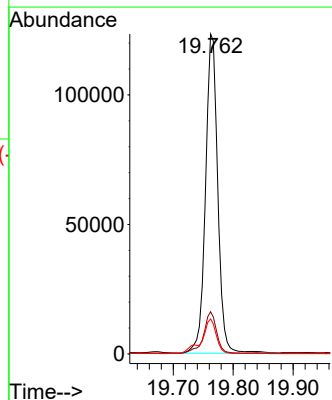
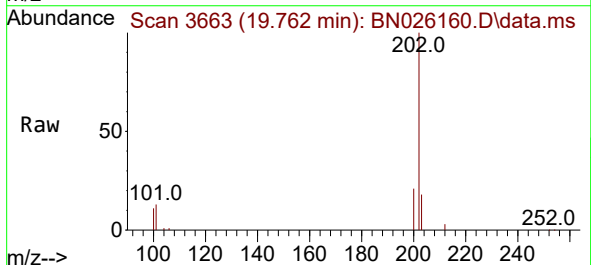
Instrument :
BNA_N
ClientSampleId :
DCFY9DL

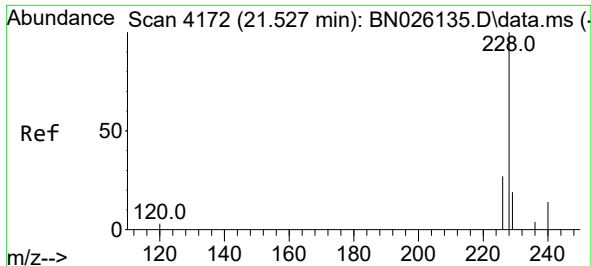
Tgt Ion:202 Resp: 255964
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.9 7.3 10.9



#20
Pyrene
Concen: 1.940 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. -0.011 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

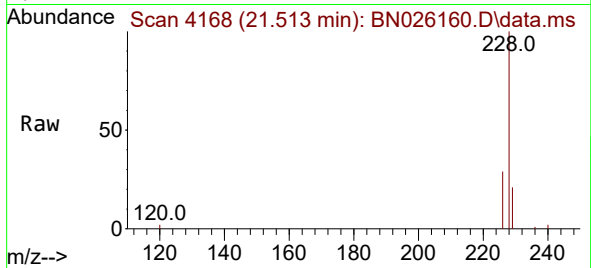
Tgt Ion:202 Resp: 174366
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.9 9.1 13.7



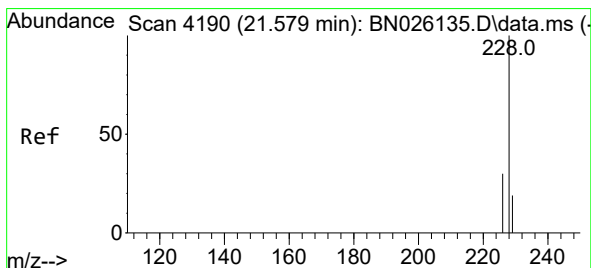
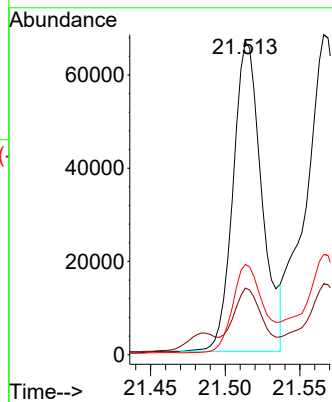
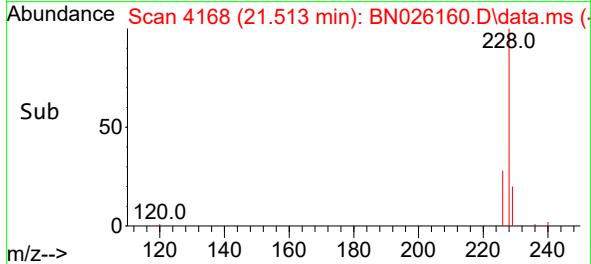


#21
Benzo(a)anthracene
Concen: 1.335 ng/ul
RT: 21.513 min Scan# 4172
Delta R.T. -0.013 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

Instrument :
BNA_N
ClientSampleId :
DCFY9DL

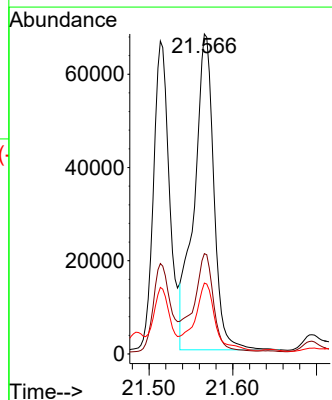
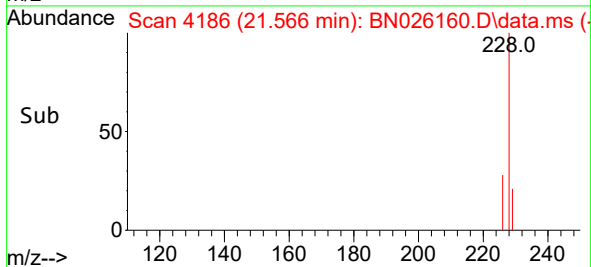
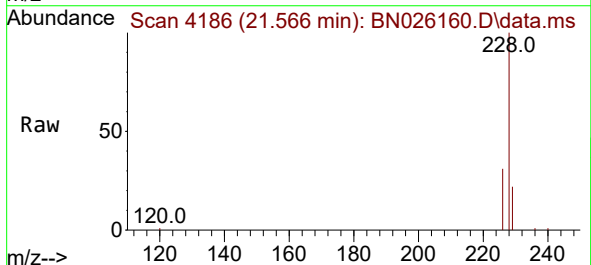


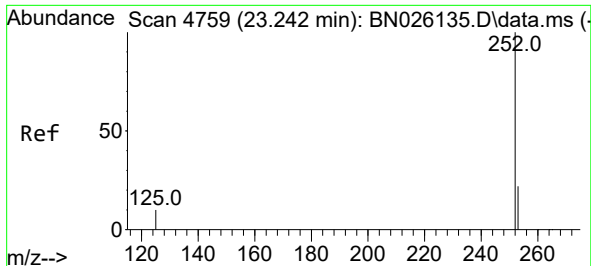
Tgt Ion:228 Resp: 89129
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.9 22.5 33.7



#22
Chrysene
Concen: 1.592 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.013 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

Tgt Ion:228 Resp: 110572
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.2 15.7 23.5

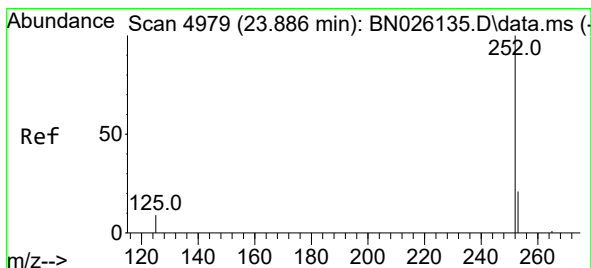
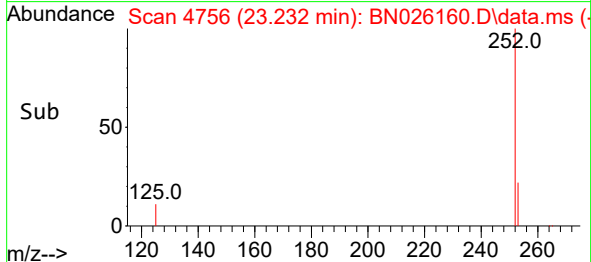
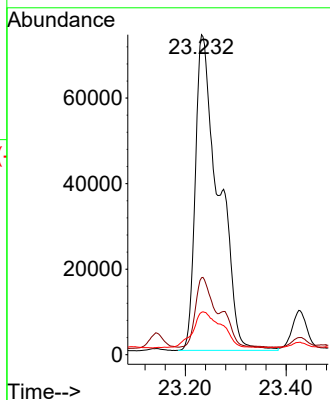
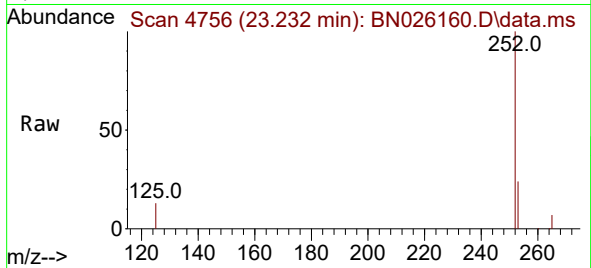




#24
Benzo(b)fluoranthene
Concen: 3.097 ng/ul
RT: 23.232 min Scan# 41
Delta R.T. -0.010 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

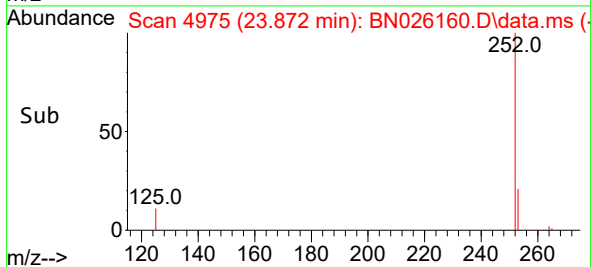
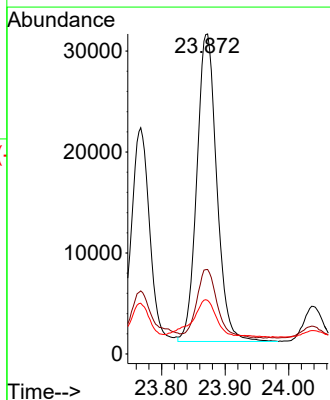
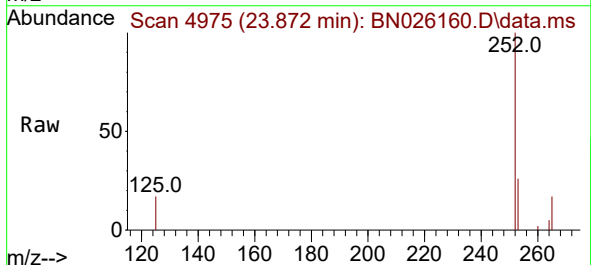
Instrument :
BNA_N
ClientSampleId :
DCFY9DL

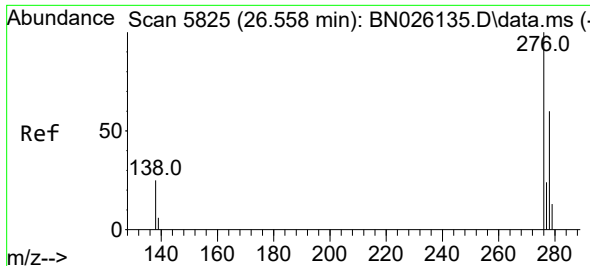
Tgt Ion:252 Resp: 236110
Ion Ratio Lower Upper
252 100
253 24.1 0.0 55.6
125 13.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.001 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.013 min
Lab File: BN026160.D
Acq: 01 Jul 2023 20:17

Tgt Ion:252 Resp: 66310
Ion Ratio Lower Upper
252 100
253 26.4 26.0 39.0
125 16.7 17.3 25.9#

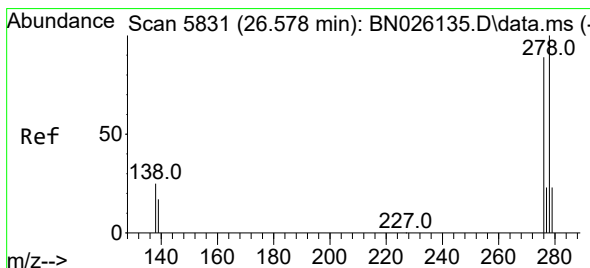
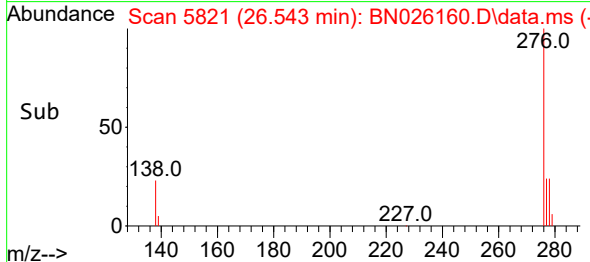
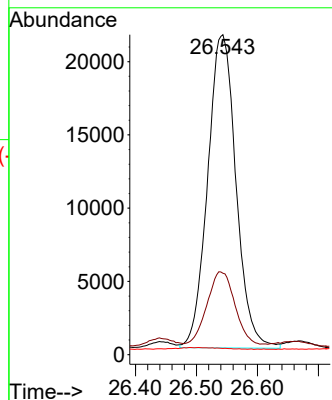
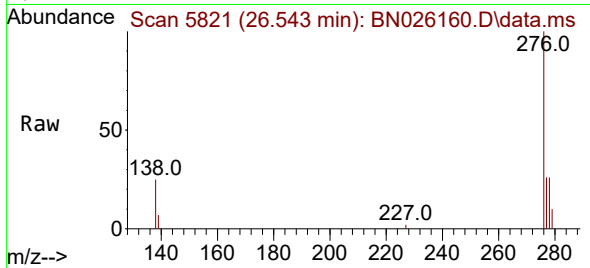




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.956 ng/ul
 RT: 26.543 min Scan# 5821
 Delta R.T. -0.015 min
 Lab File: BN026160.D
 Acq: 01 Jul 2023 20:17

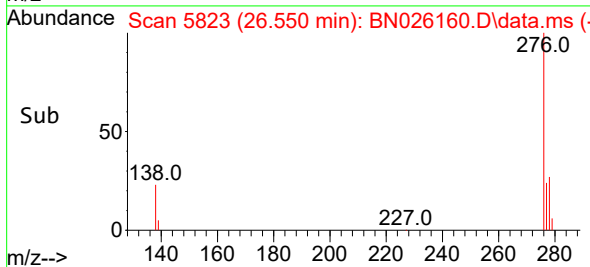
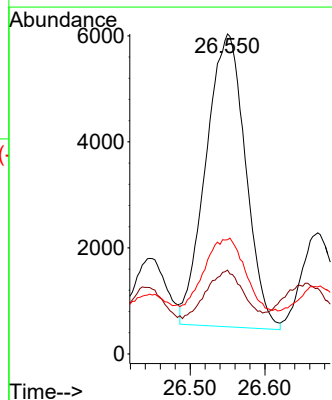
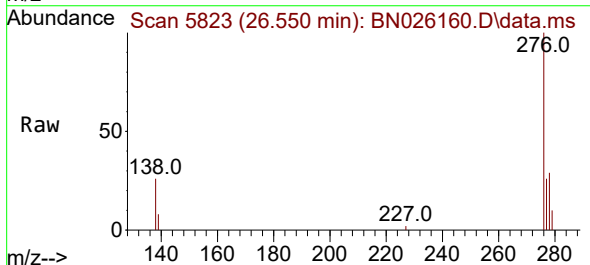
Instrument :
 BNA_N
 ClientSampleId :
 DCFY9DL

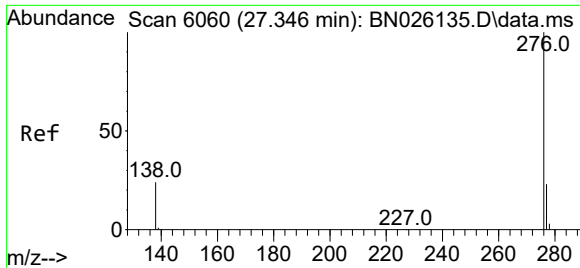
Tgt Ion:276 Resp: 69118
 Ion Ratio Lower Upper
 276 100
 138 24.0 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.372 ng/ul
 RT: 26.550 min Scan# 5823
 Delta R.T. -0.028 min
 Lab File: BN026160.D
 Acq: 01 Jul 2023 20:17

Tgt Ion:278 Resp: 20339
 Ion Ratio Lower Upper
 278 100
 139 26.2 19.0 28.4
 279 35.7 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.090 ng/ul
 RT: 27.335 min Scan# 6057
 Delta R.T. -0.012 min
 Lab File: BN026160.D
 Acq: 01 Jul 2023 20:17

Instrument :
 BNA_N
 ClientSampleId :
 DCFY9DL

Tgt Ion:276 Resp: 5820
 Ion Ratio Lower Upper
 276 100
 138 46.3 23.4 35.0#
 277 40.4 20.0 30.0#

