

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026152.D
 Acq On : 01 Jul 2023 15:26
 Operator : MA/JU
 Sample : 03239-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY0DL

Quant Time: Jul 01 22:35:18 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)

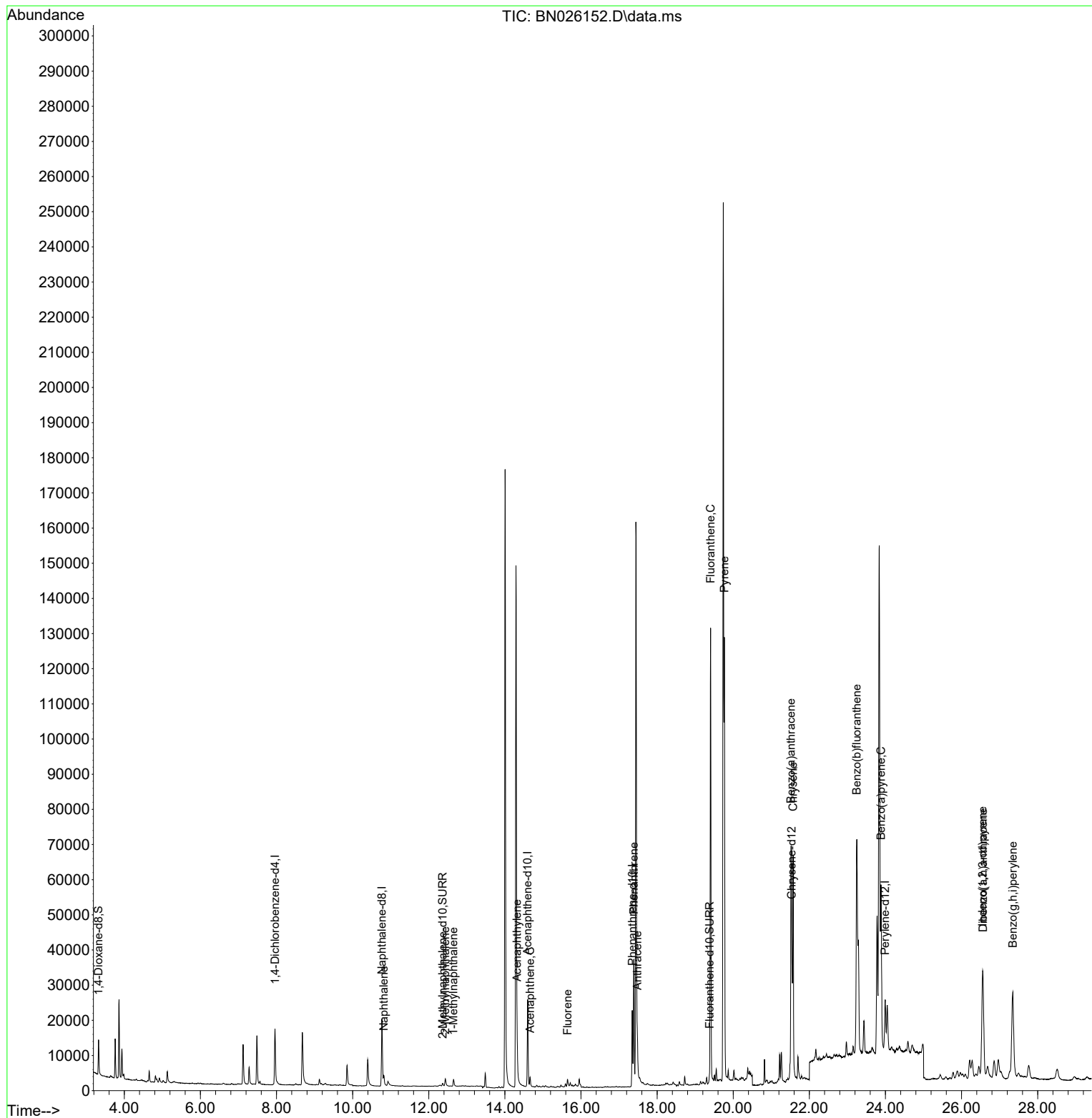
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	29149	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	14583	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	26479	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	19589	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	21718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	6457	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	1479	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	2587	0.035	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.818	128	3832	0.046	ng/ul#	91
7) 2-Methylnaphthalene	12.435	142	2036	0.038	ng/ul	100
8) 1-Methylnaphthalene	12.650	142	1645	0.030	ng/ul	100
10) Acenaphthylene	14.320	152	10036	0.147	ng/ul	97
11) Acenaphthene	14.662	153	1606	0.029	ng/ul	96
12) Fluorene	15.648	166	1661	0.026	ng/ul#	91
15) Phenanthrene	17.389	178	40627	0.465	ng/ul	100
16) Anthracene	17.482	178	10329	0.133	ng/ul	94
19) Fluoranthene	19.404	202	116939	1.118	ng/ul	98
20) Pyrene	19.767	202	106221	0.976	ng/ul	98
21) Benzo(a)anthracene	21.519	228	60139	0.744	ng/ul	98
22) Chrysene	21.572	228	68086	0.810	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	149874	1.617	ng/ul	94
26) Benzo(a)pyrene	23.884	252	67417	0.837	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.553	276	59687	0.679	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.563	278	14260	0.214	ng/ul#	84
29) Benzo(g,h,i)perylene	27.348	276	60977	0.779	ng/ul	97

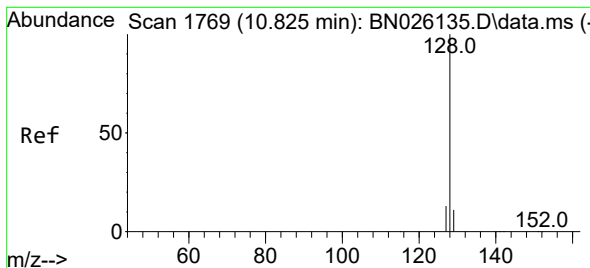
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.046 ng/ul

RT: 10.818 min Scan# 1768

Delta R.T. -0.007 min

Lab File: BN026152.D

Acq: 01 Jul 2023 15:26

Instrument :

BNA_N

ClientSampleId :

DCFY0DL

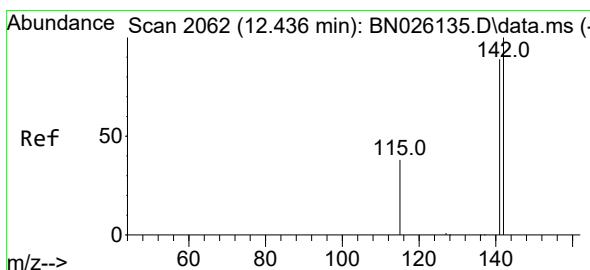
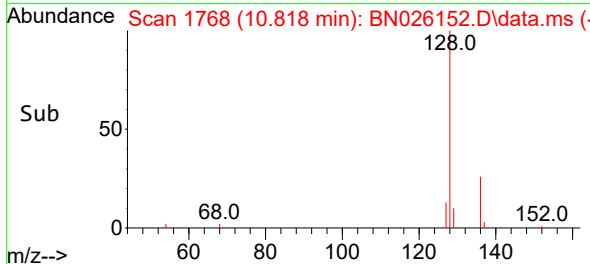
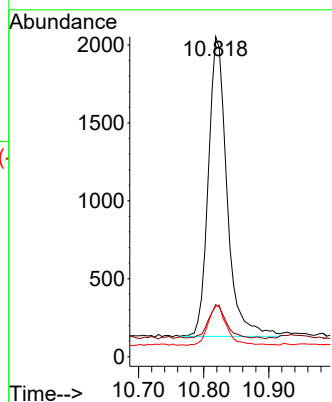
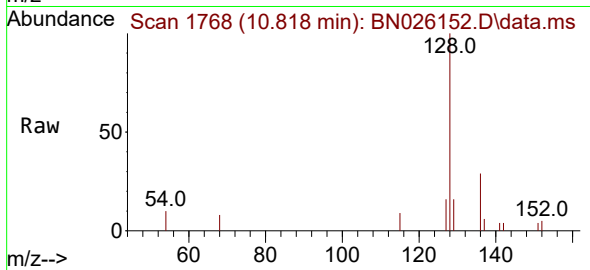
Tgt Ion:128 Resp: 3832

Ion Ratio Lower Upper

128 100

129 16.2 9.1 13.7#

127 15.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.435 min Scan# 2062

Delta R.T. -0.001 min

Lab File: BN026152.D

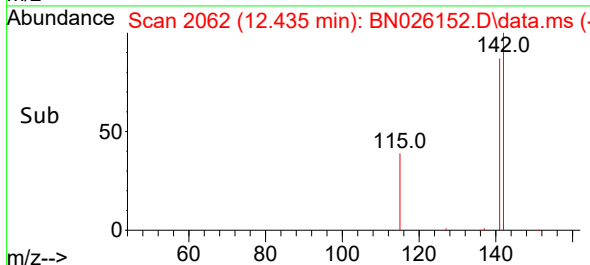
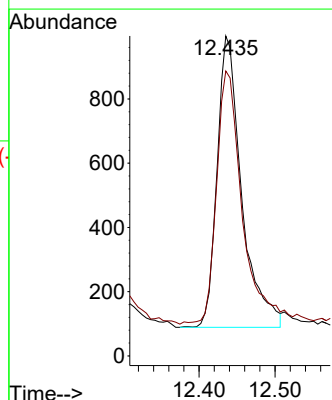
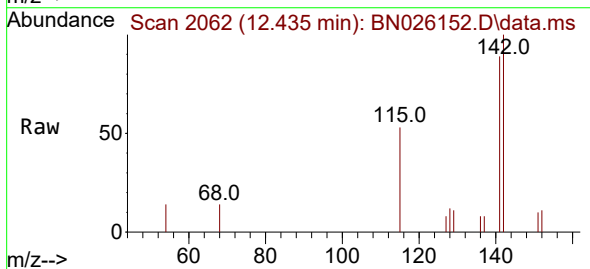
Acq: 01 Jul 2023 15:26

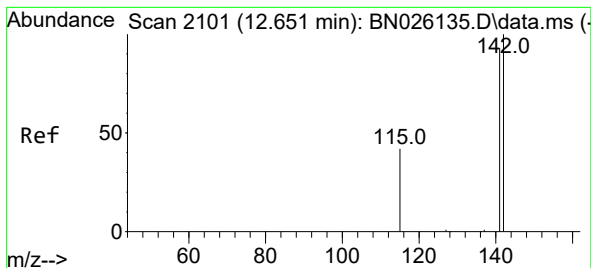
Tgt Ion:142 Resp: 2036

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.650 min Scan# 2101

Delta R.T. -0.001 min

Lab File: BN026152.D

Acq: 01 Jul 2023 15:26

Instrument :

BNA_N

ClientSampleId :

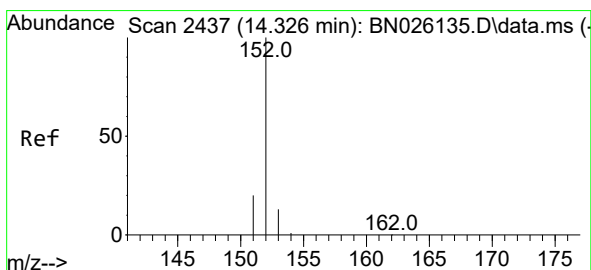
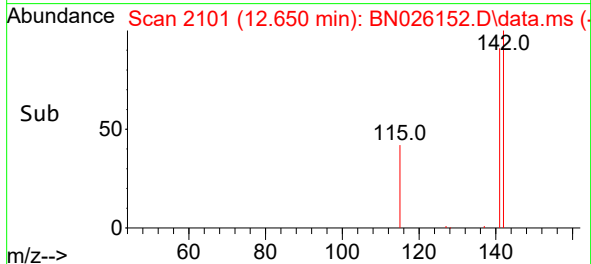
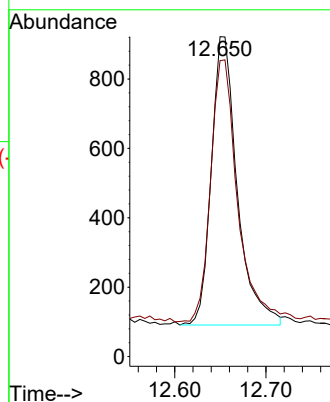
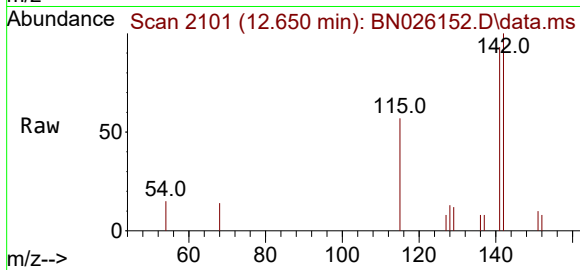
DCFY0DL

Tgt Ion:142 Resp: 1645

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.4



#10

Acenaphthylene

Concen: 0.147 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026152.D

Acq: 01 Jul 2023 15:26

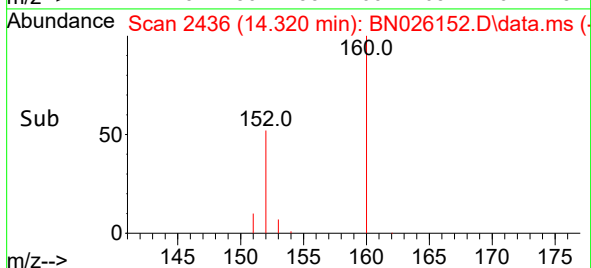
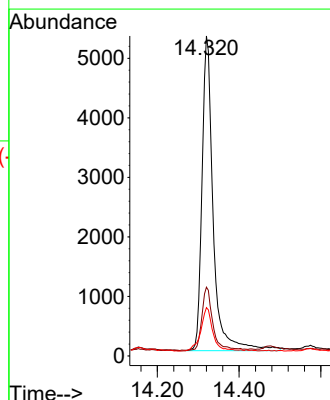
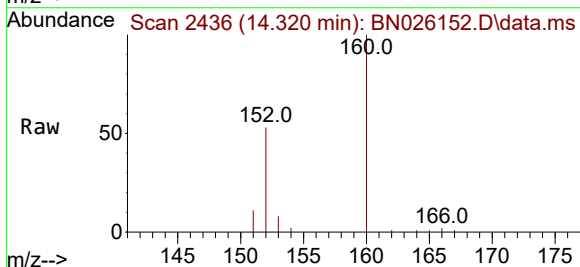
Tgt Ion:152 Resp: 10036

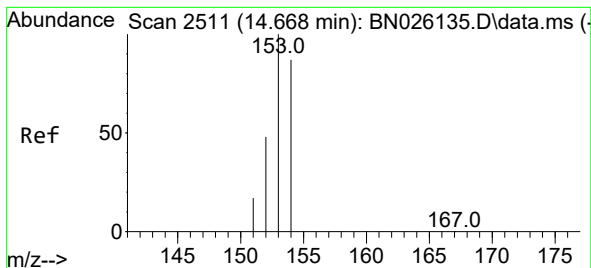
Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

153 15.1 10.9 16.3





#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.662 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BN026152.D

Acq: 01 Jul 2023 15:26

Instrument :

BNA_N

ClientSampleId :

DCFY0DL

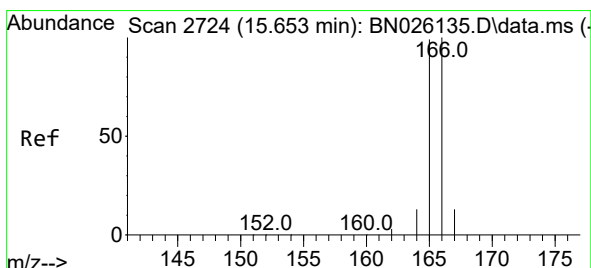
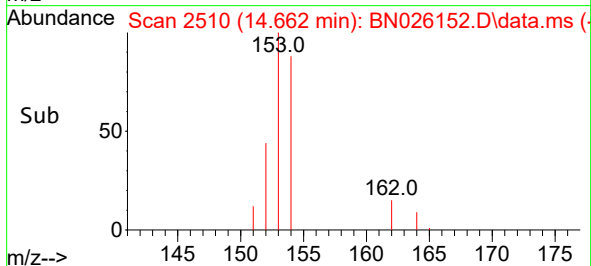
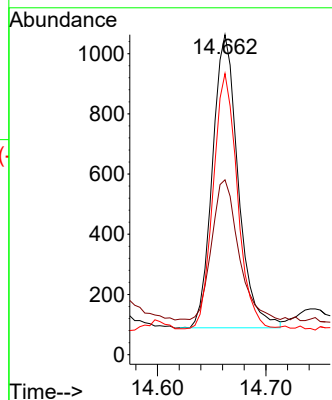
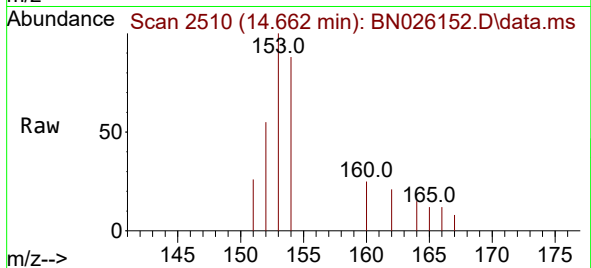
Tgt Ion:153 Resp: 1606

Ion Ratio Lower Upper

153 100

152 54.7 39.4 59.0

154 87.9 68.9 103.3



#12

Fluorene

Concen: 0.026 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.006 min

Lab File: BN026152.D

Acq: 01 Jul 2023 15:26

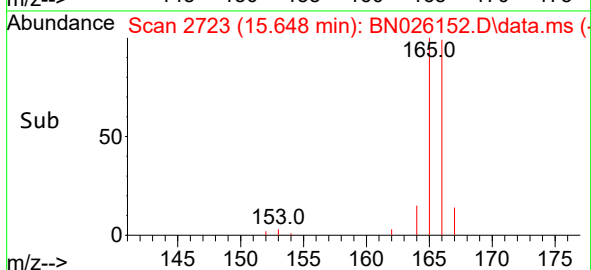
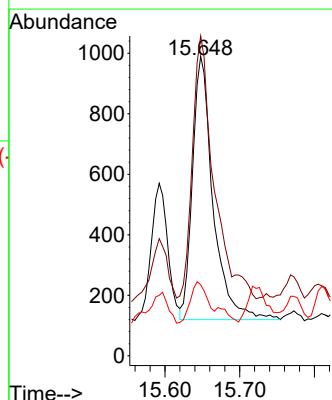
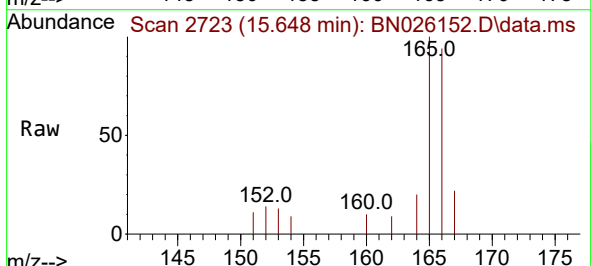
Tgt Ion:166 Resp: 1661

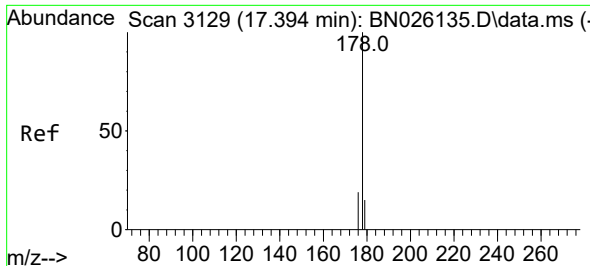
Ion Ratio Lower Upper

166 100

165 106.8 79.9 119.9

167 23.7 10.8 16.2#

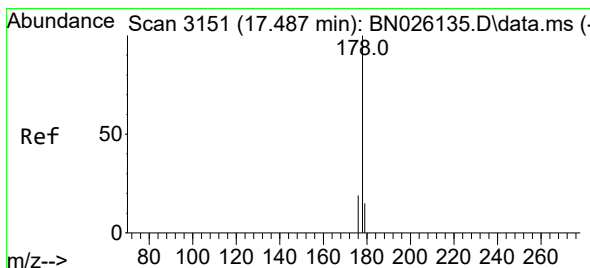
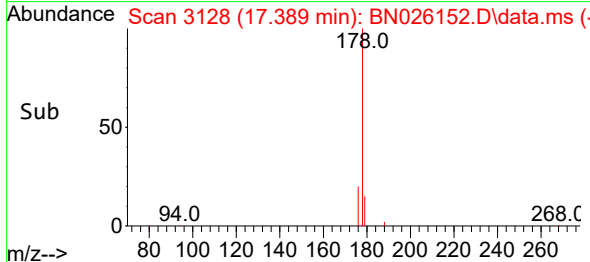
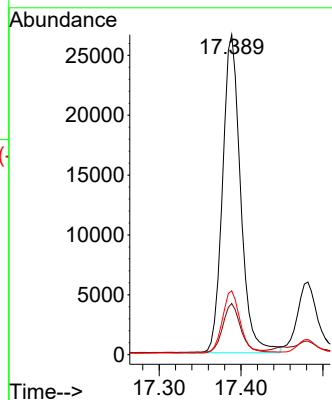
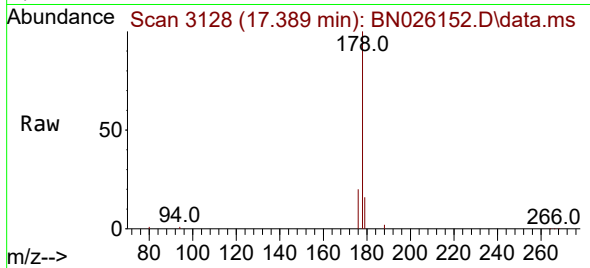




#15
Phenanthrene
Concen: 0.465 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

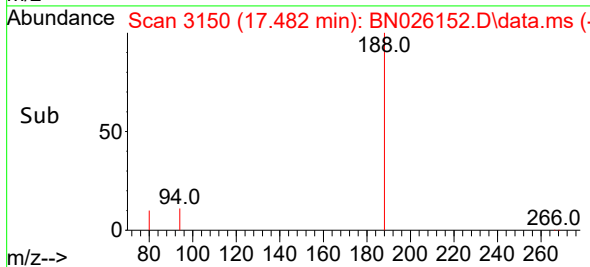
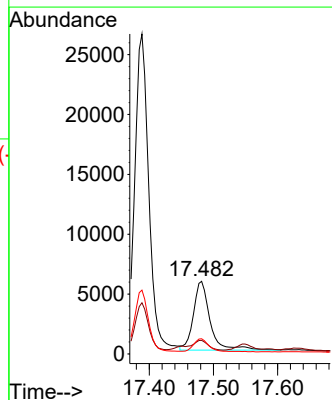
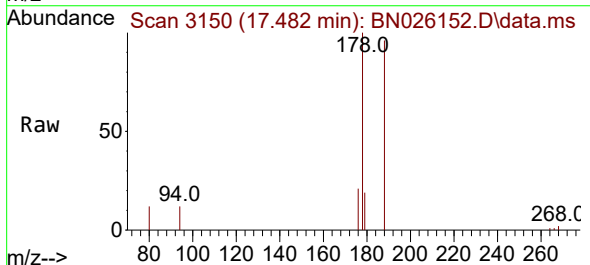
Instrument :
BNA_N
ClientSampleId :
DCFY0DL

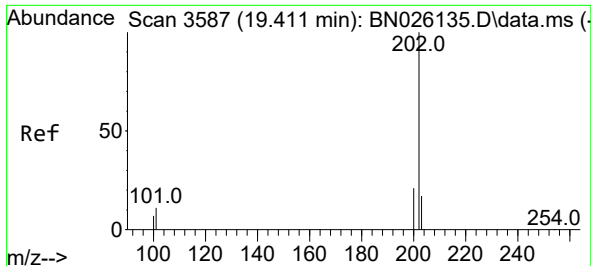
Tgt Ion:178 Resp: 40627
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.133 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

Tgt Ion:178 Resp: 10329
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.8 15.1 22.7

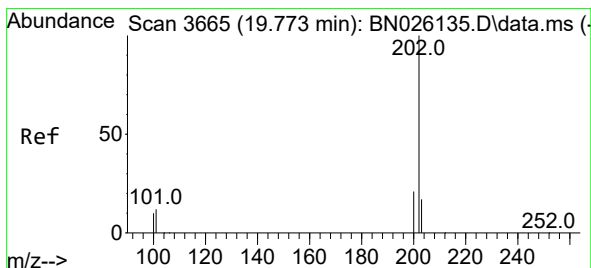
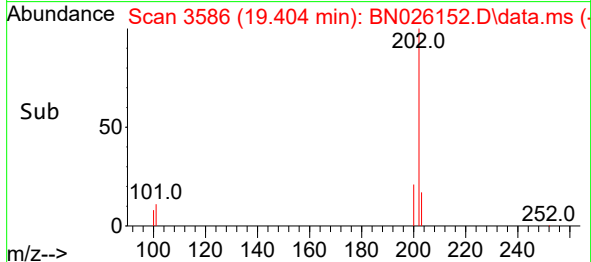
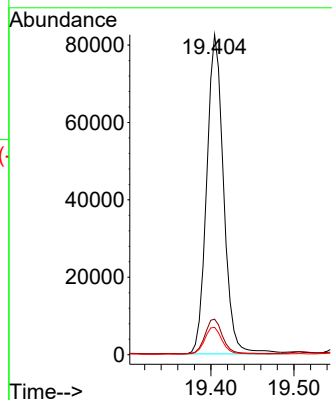
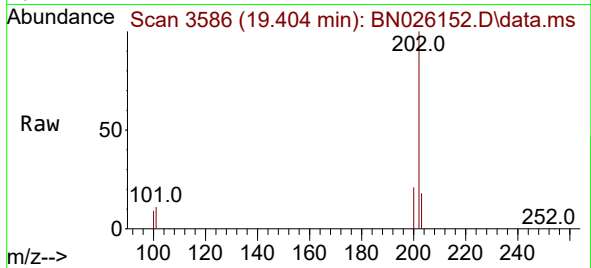




#19
Fluoranthene
Concen: 1.118 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

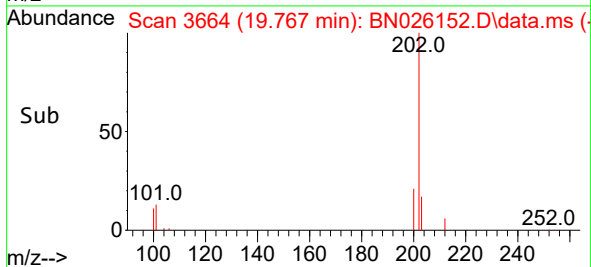
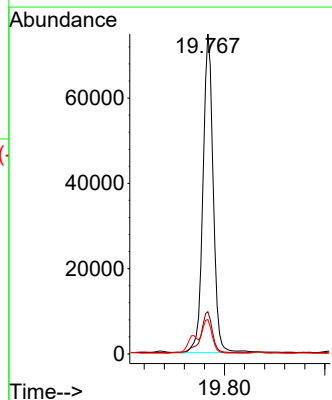
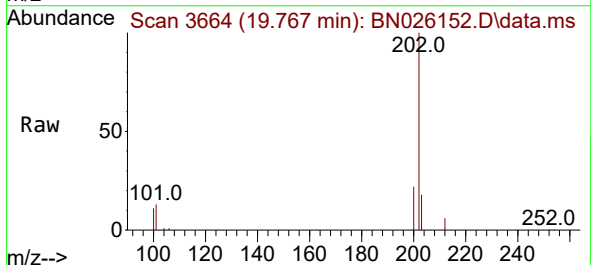
Instrument :
BNA_N
ClientSampleId :
DCFY0DL

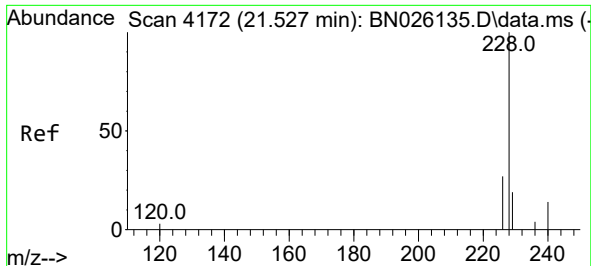
Tgt Ion:202 Resp: 116939
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.976 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

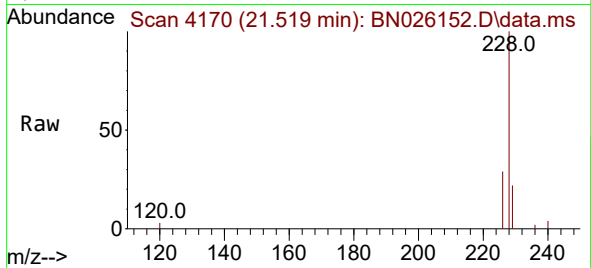
Tgt Ion:202 Resp: 106221
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7



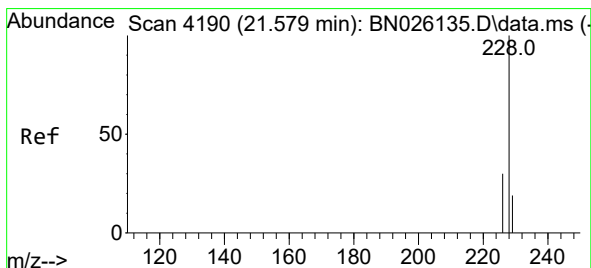
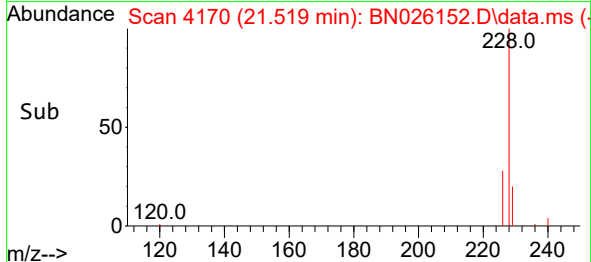
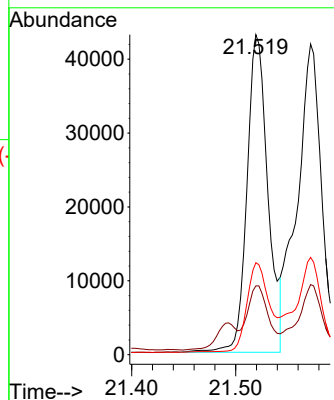


#21
Benzo(a)anthracene
Concen: 0.744 ng/ul
RT: 21.519 min Scan# 4170
Delta R.T. -0.007 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

Instrument :
BNA_N
ClientSampleId :
DCFY0DL

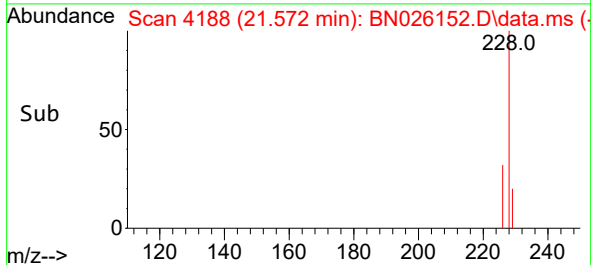
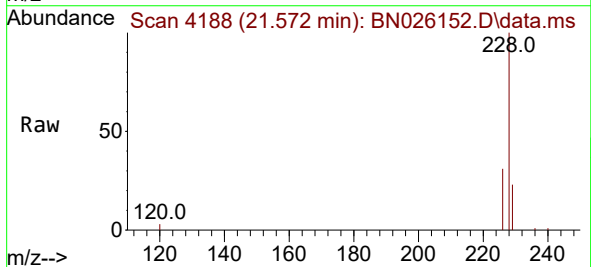
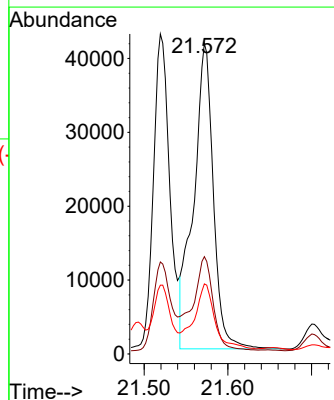


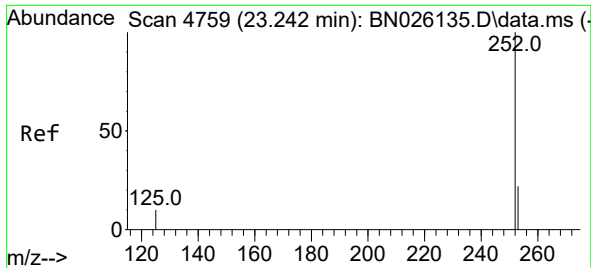
Tgt Ion:228 Resp: 60139
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 0.810 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

Tgt Ion:228 Resp: 68086
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.6 15.7 23.5

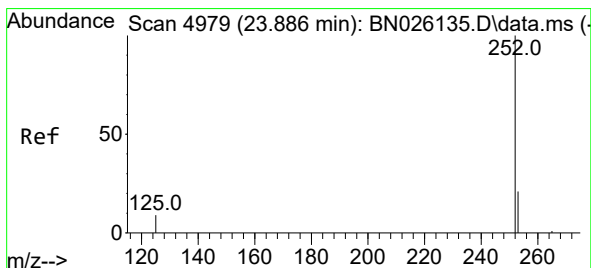
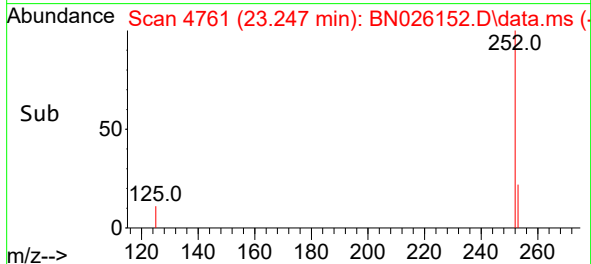
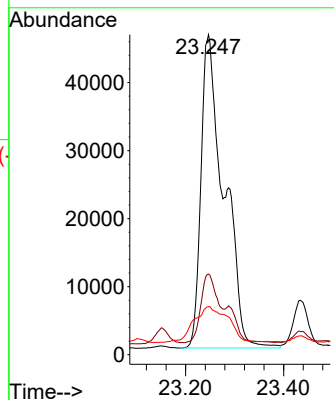
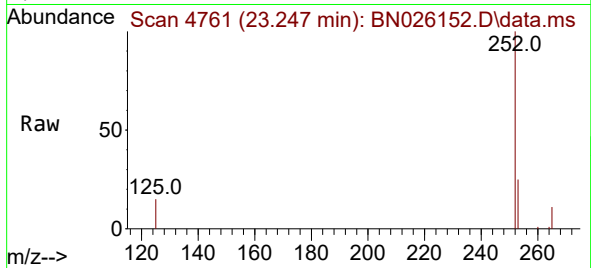




#24
Benzo(b)fluoranthene
Concen: 1.617 ng/ul
RT: 23.247 min Scan# 4759
Delta R.T. 0.004 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

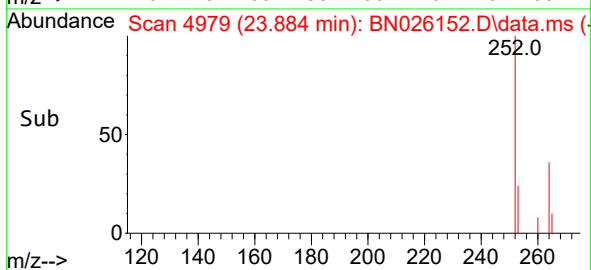
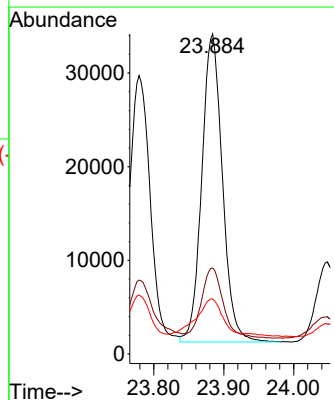
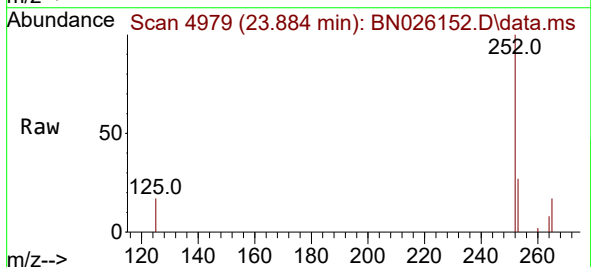
Instrument :
BNA_N
ClientSampleId :
DCFY0DL

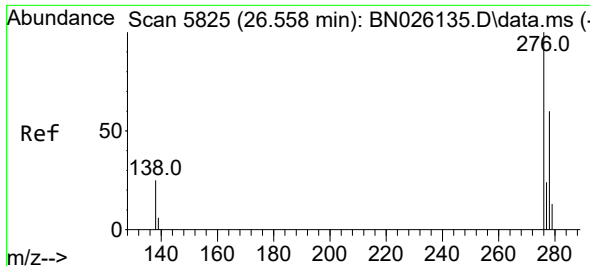
Tgt Ion:252 Resp: 149874
Ion Ratio Lower Upper
252 100
253 25.2 0.0 55.6
125 15.0 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.837 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.002 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

Tgt Ion:252 Resp: 67417
Ion Ratio Lower Upper
252 100
253 26.8 26.0 39.0
125 17.2 17.3 25.9#

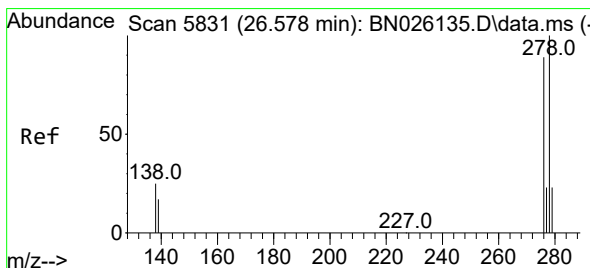
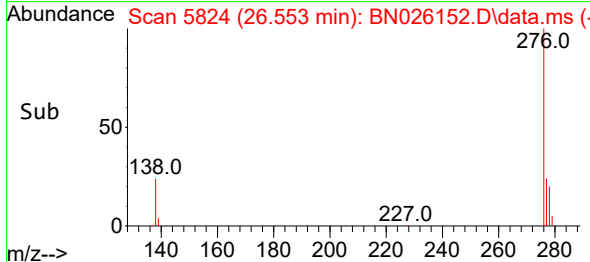
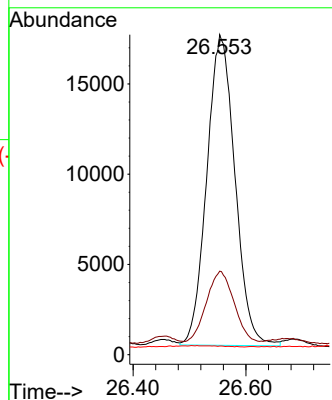
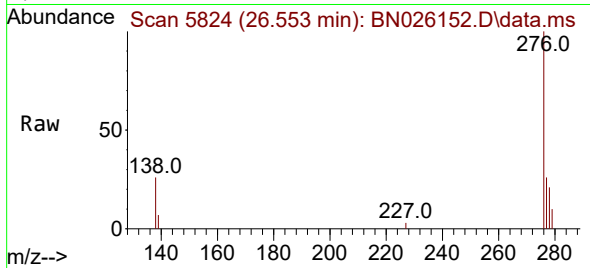




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.679 ng/ul
RT: 26.553 min Scan# 5825
Delta R.T. -0.005 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

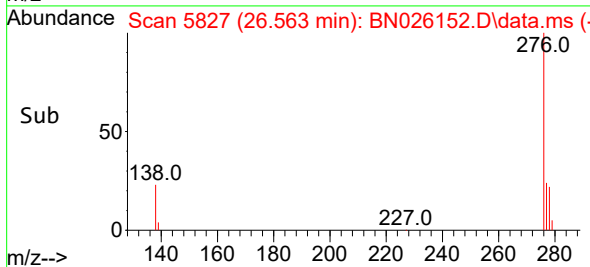
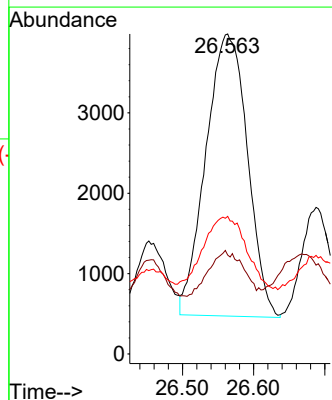
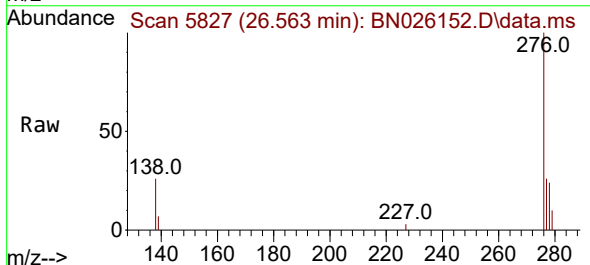
Instrument :
BNA_N
ClientSampleId :
DCFY0DL

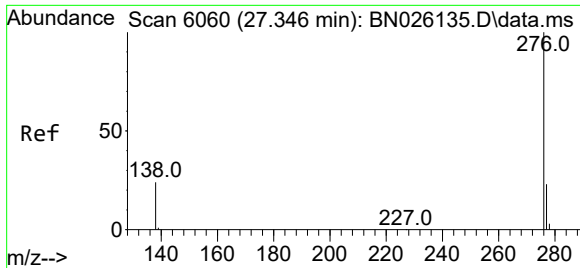
Tgt Ion:276 Resp: 59687
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. -0.015 min
Lab File: BN026152.D
Acq: 01 Jul 2023 15:26

Tgt Ion:278 Resp: 14260
Ion Ratio Lower Upper
278 100
139 30.9 19.0 28.4#
279 43.0 26.7 40.1#





#29

Benzo(g,h,i)perylene

Concen: 0.779 ng/ul

RT: 27.348 min Scan# 60

Delta R.T. 0.002 min

Lab File: BN026152.D

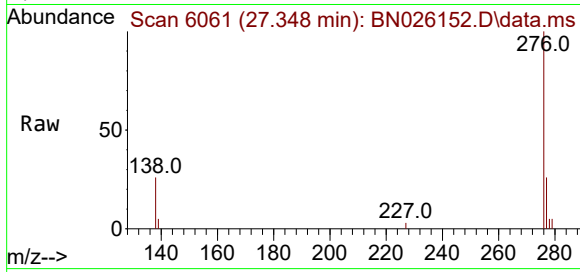
Acq: 01 Jul 2023 15:26

Instrument :

BNA_N

ClientSampleId :

DCFY0DL



Tgt Ion:276 Resp: 60977

Ion Ratio Lower Upper

276 100

138 26.4 23.4 35.0

277 25.6 20.0 30.0

