

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026059.D
 Acq On : 28 Jun 2023 15:36
 Operator : MA/JU
 Sample : 03142-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT2

Quant Time: Jun 28 23:15:02 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)

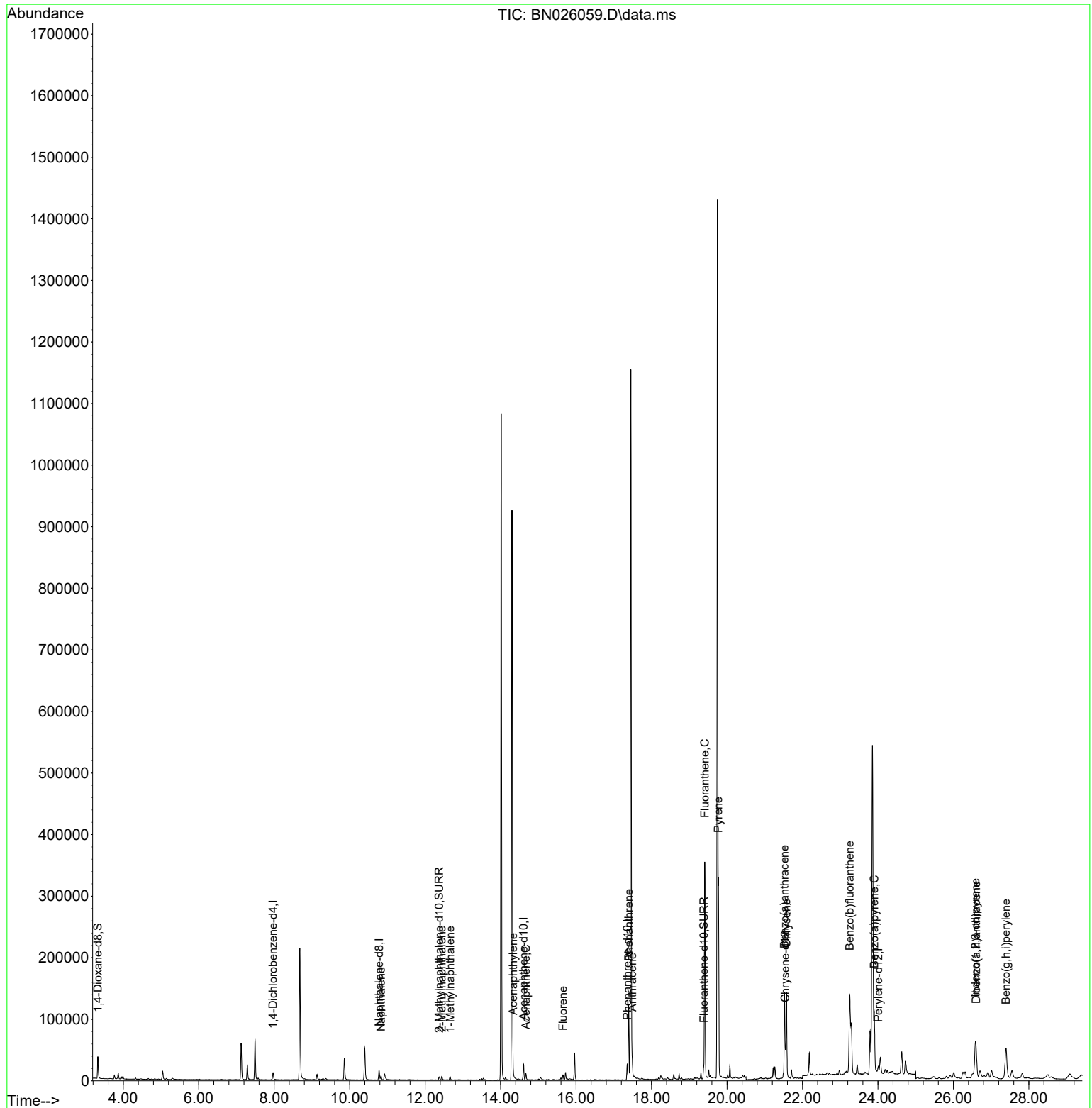
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23139	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29872	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17086	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	15342	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	24604	3.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	7804	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	17095	0.263	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.831	128	9700	0.146	ng/ul	97
7) 2-Methylnaphthalene	12.442	142	4897	0.116	ng/ul	98
8) 1-Methylnaphthalene	12.662	142	4007	0.092	ng/ul	98
10) Acenaphthylene	14.330	152	5946	0.089	ng/ul#	91
11) Acenaphthene	14.672	153	6301	0.116	ng/ul	98
12) Fluorene	15.653	166	4934	0.079	ng/ul#	96
15) Phenanthrene	17.393	178	133302	1.351	ng/ul	99
16) Anthracene	17.486	178	22275	0.254	ng/ul	98
19) Fluoranthene	19.410	202	313221	3.432	ng/ul	99
20) Pyrene	19.772	202	256053	2.698	ng/ul	98
21) Benzo(a)anthracene	21.523	228	122101	1.732	ng/ul	98
22) Chrysene	21.576	228	149720	2.041	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	292046	4.460	ng/ul	96
26) Benzo(a)pyrene	23.902	252	134995	2.374	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.584	276	117998	1.899	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.604	278	27357	0.582	ng/ul	96
29) Benzo(g,h,i)perylene	27.393	276	115604	2.092	ng/ul	95

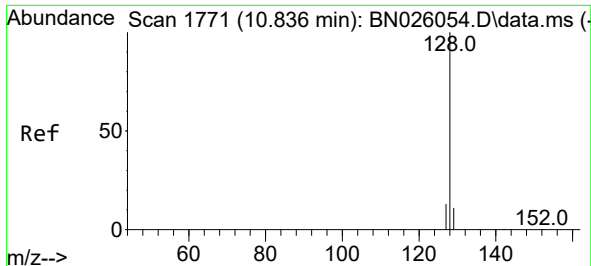
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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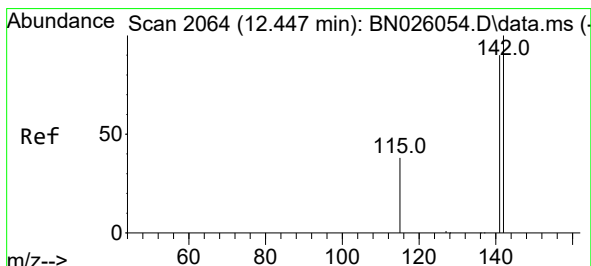
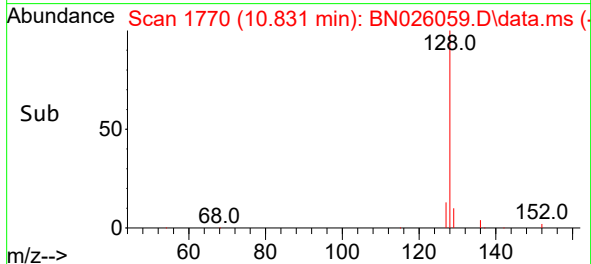
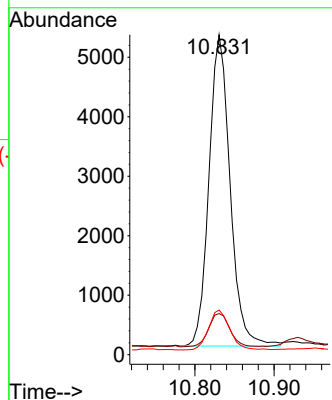
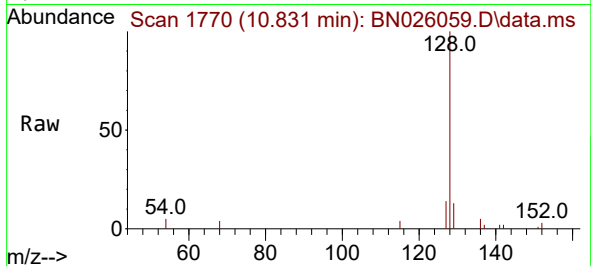




#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

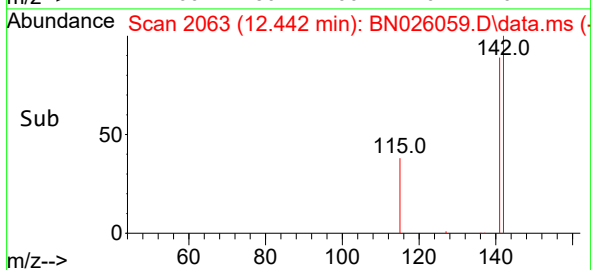
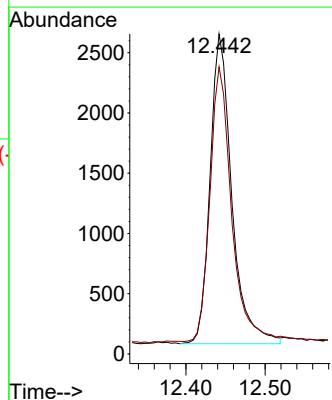
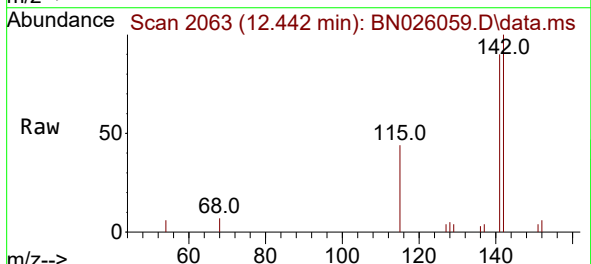
Instrument :
BNA_N
ClientSampleId :
DCFT2

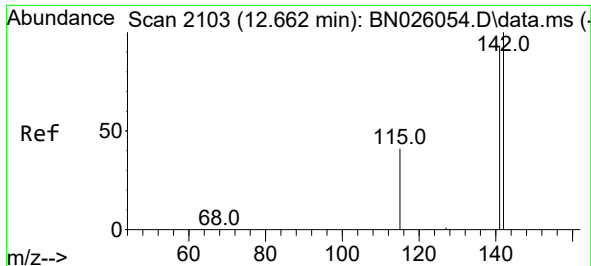
Tgt Ion:128 Resp: 9700
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 13.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Tgt Ion:142 Resp: 4897
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

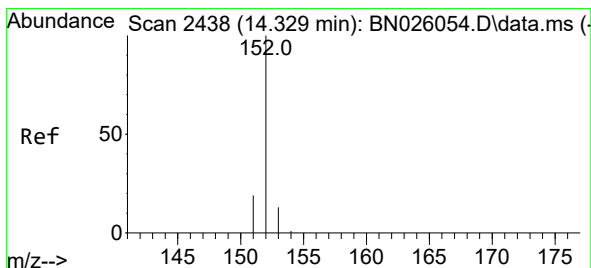
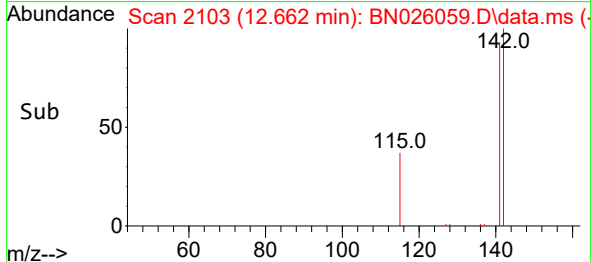
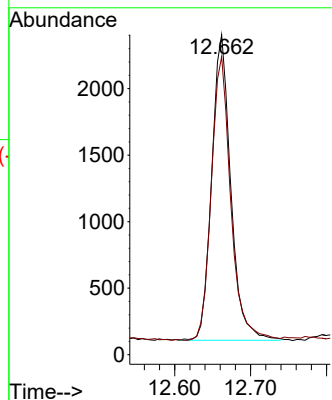
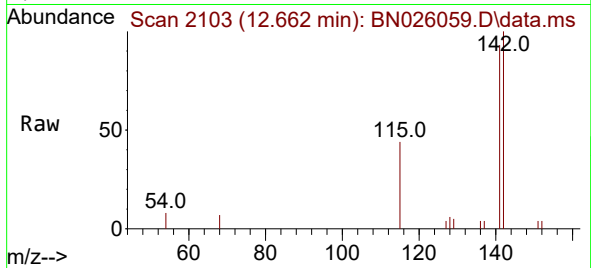




#8
1-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

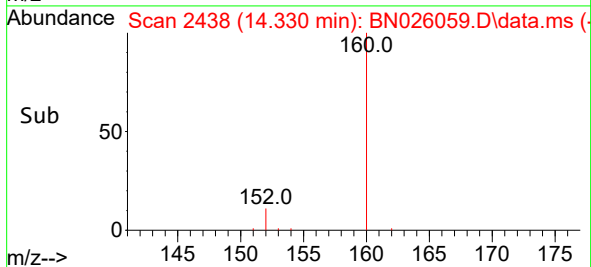
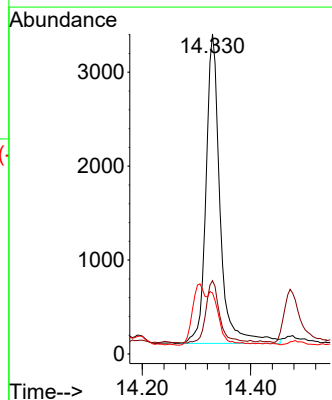
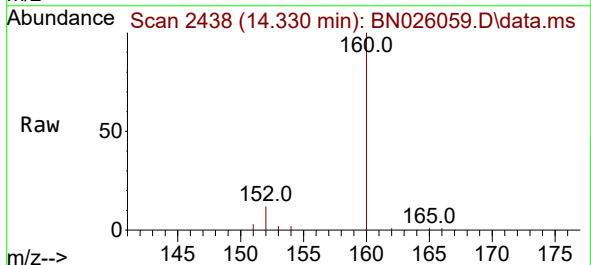
Instrument :
BNA_N
ClientSampleId :
DCFT2

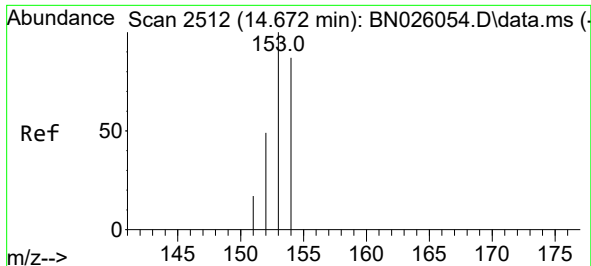
Tgt Ion:142 Resp: 4007
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.4



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Tgt Ion:152 Resp: 5946
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4
153 19.1 10.9 16.3#

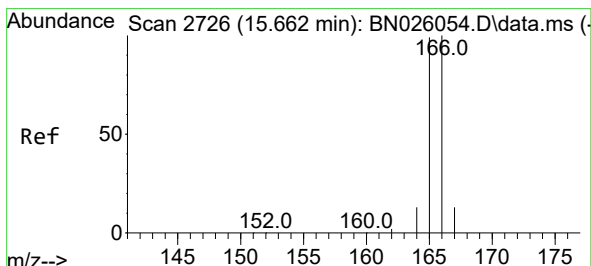
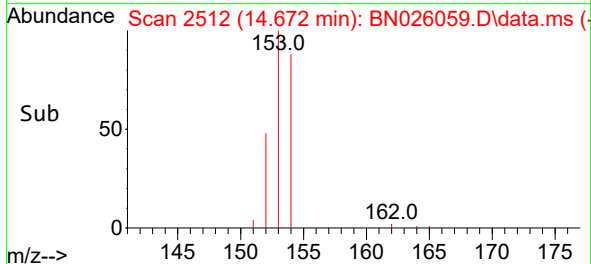
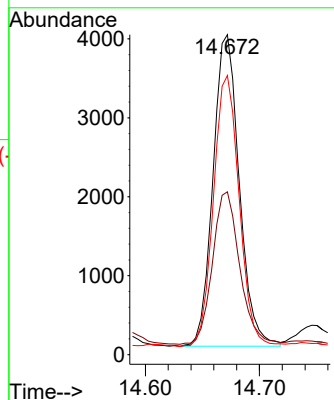
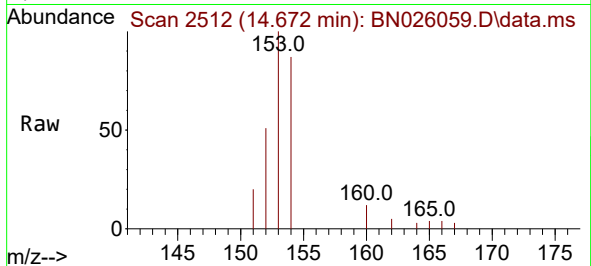




#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

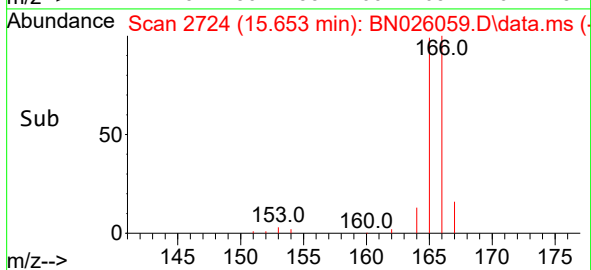
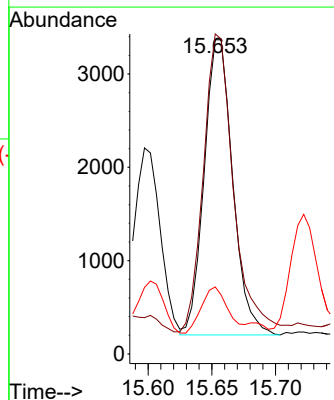
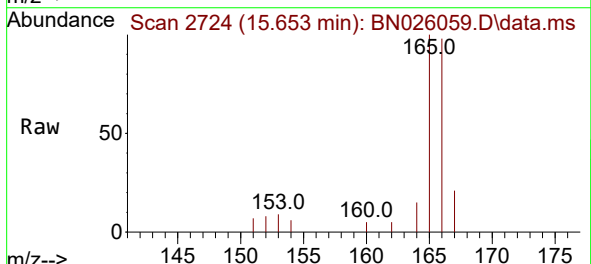
Instrument :
BNA_N
ClientSampleId :
DCFT2

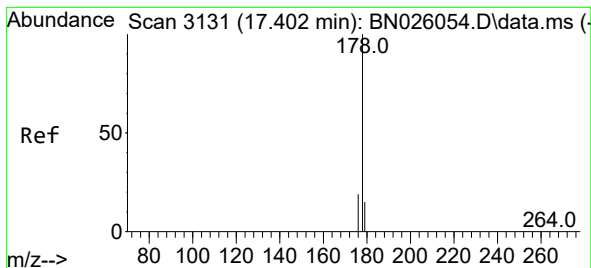
Tgt Ion:153 Resp: 6301
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 87.2 68.9 103.3



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Tgt Ion:166 Resp: 4934
Ion Ratio Lower Upper
166 100
165 101.8 79.9 119.9
167 21.4 10.8 16.2#





#15

Phenanthrene

Concen: 1.351 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BN026059.D

Acq: 28 Jun 2023 15:36

Instrument :

BNA_N

ClientSampleId :

DCFT2

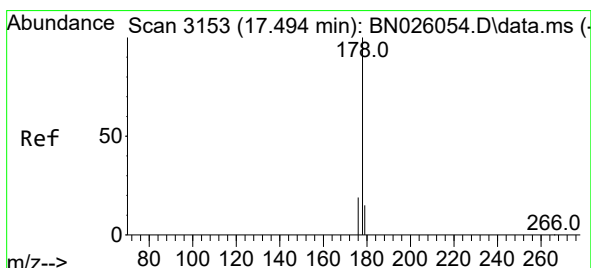
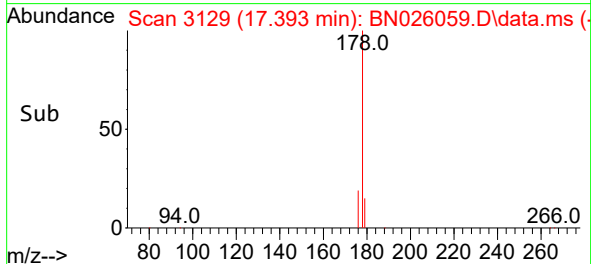
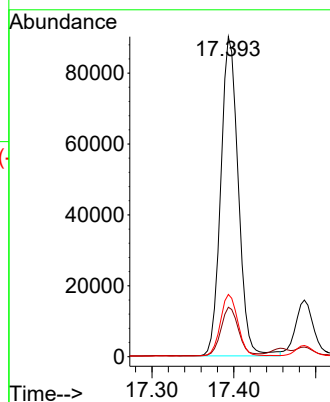
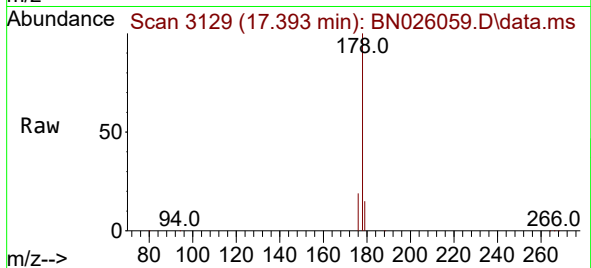
Tgt Ion:178 Resp: 133302

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.5 15.8 23.6



#16

Anthracene

Concen: 0.254 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.008 min

Lab File: BN026059.D

Acq: 28 Jun 2023 15:36

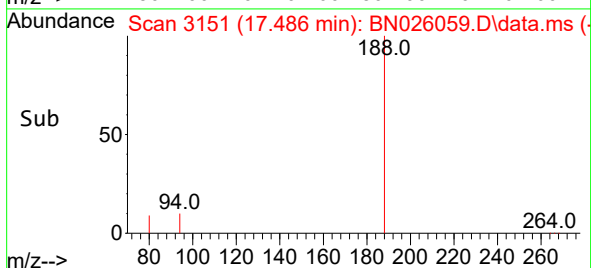
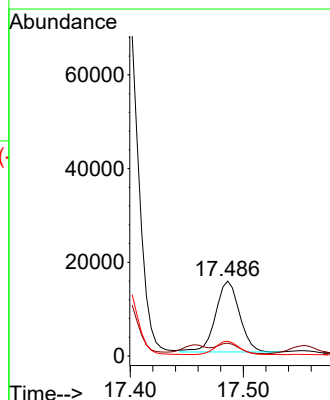
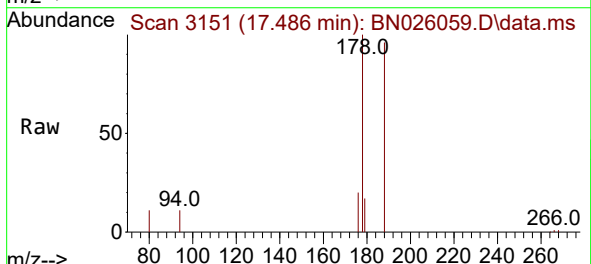
Tgt Ion:178 Resp: 22275

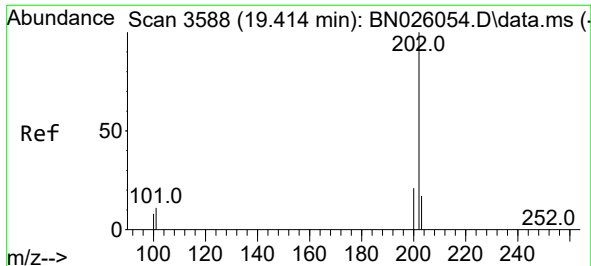
Ion Ratio Lower Upper

178 100

179 17.0 12.6 18.8

176 19.8 15.1 22.7

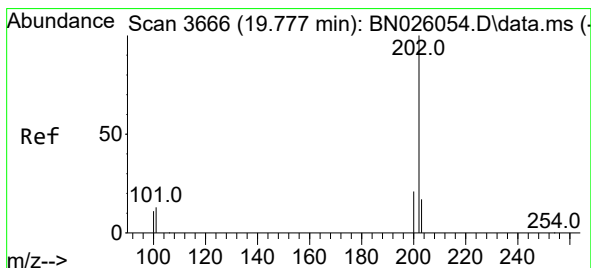
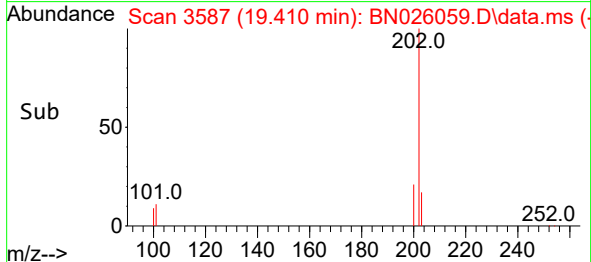
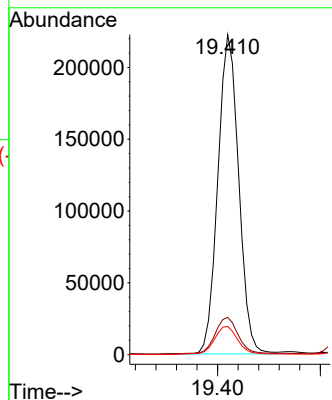
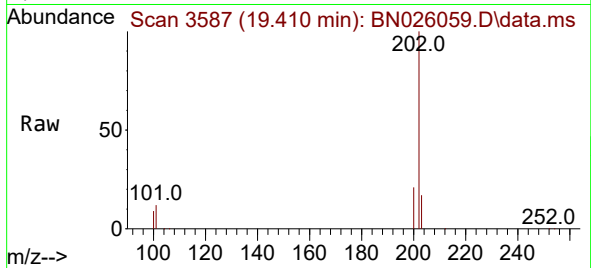




#19
Fluoranthene
Concen: 3.432 ng/ul
RT: 19.410 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

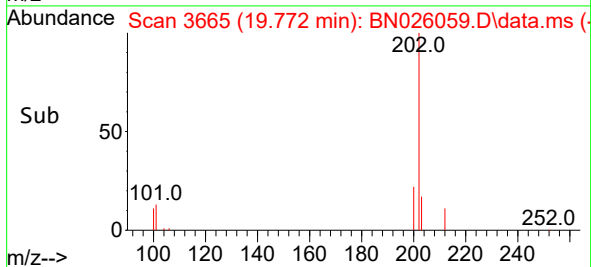
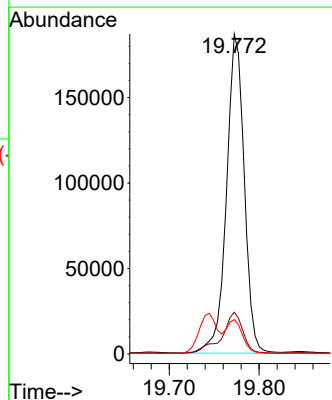
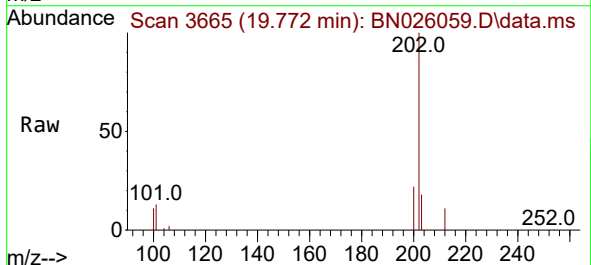
Instrument :
BNA_N
ClientSampleId :
DCFT2

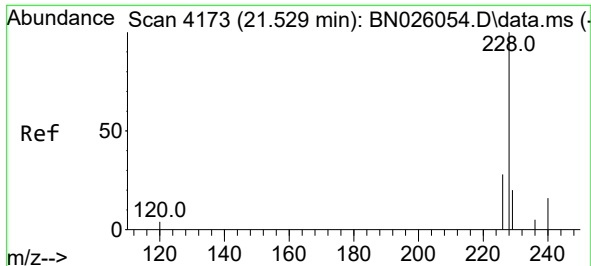
Tgt Ion:202 Resp: 313221
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 2.698 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

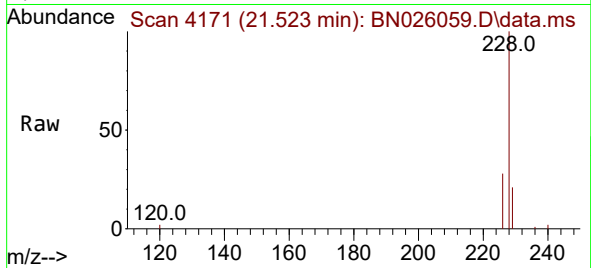
Tgt Ion:202 Resp: 256053
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.8 9.1 13.7



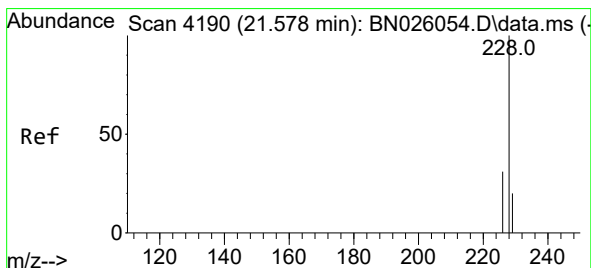
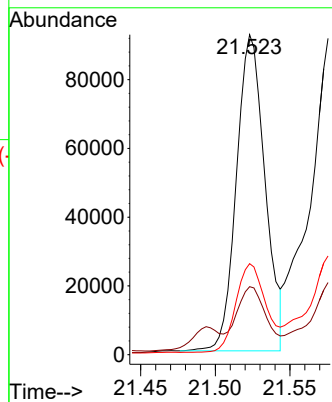
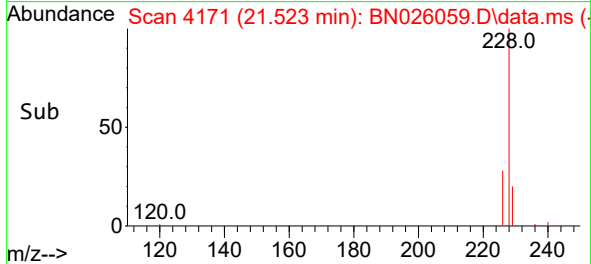


#21
Benzo(a)anthracene
Concen: 1.732 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Instrument :
BNA_N
ClientSampleId :
DCFT2

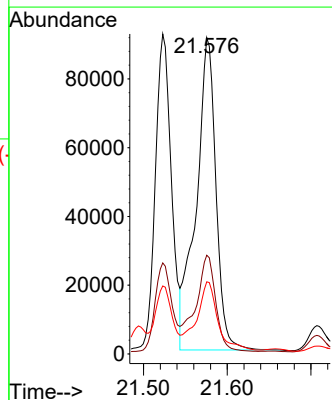
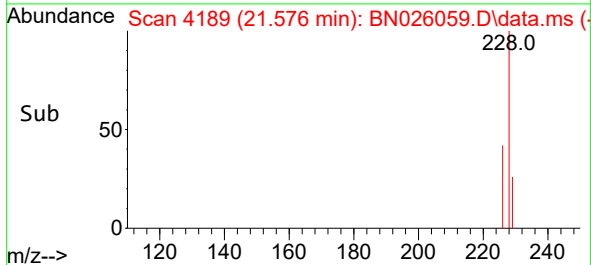
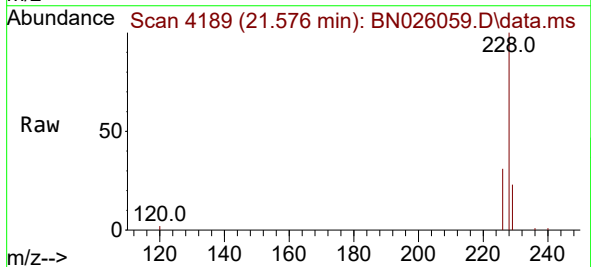


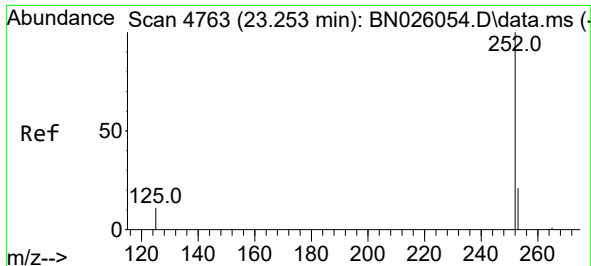
Tgt Ion:228 Resp: 122101
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 28.4 22.5 33.7



#22
Chrysene
Concen: 2.041 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

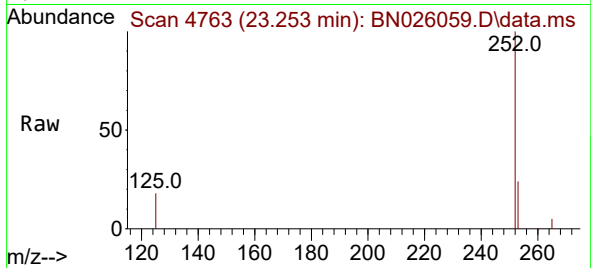
Tgt Ion:228 Resp: 149720
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.8 15.7 23.5



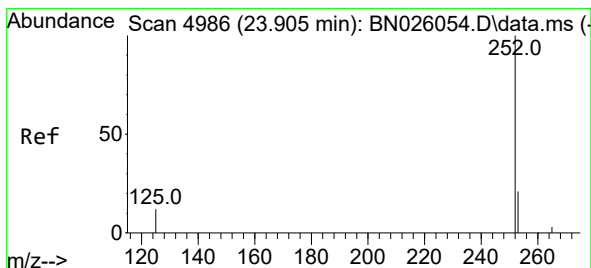
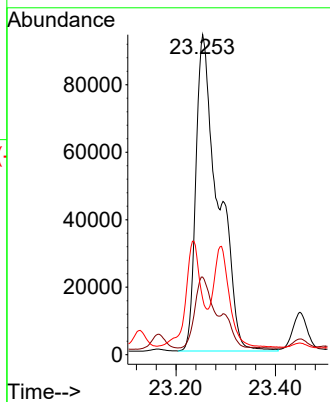
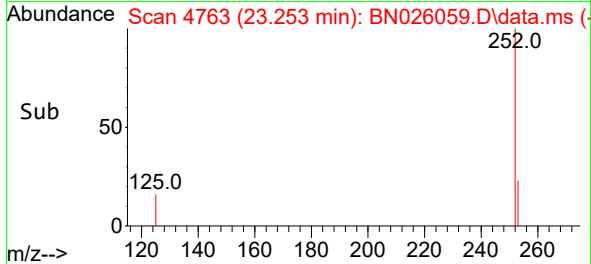


#24
Benzo(b)fluoranthene
Concen: 4.460 ng/ul
RT: 23.253 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Instrument :
BNA_N
ClientSampleId :
DCFT2

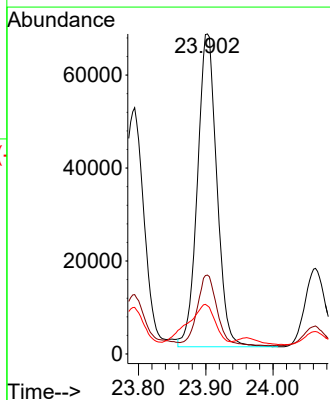
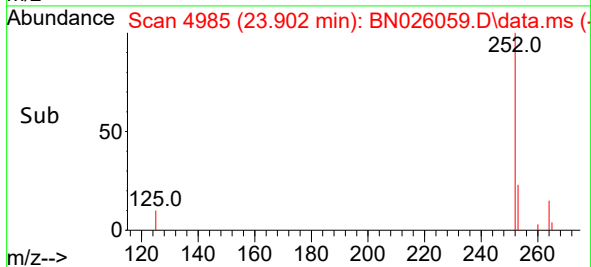
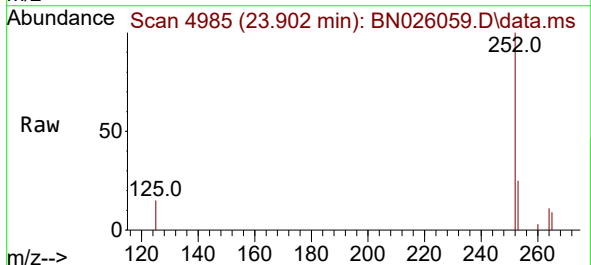


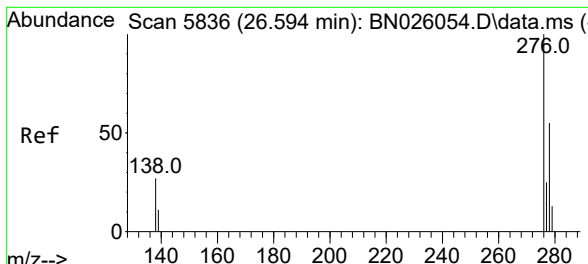
Tgt Ion:252 Resp: 292046
Ion Ratio Lower Upper
252 100
253 24.3 0.0 55.6
125 17.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.374 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BN026059.D
Acq: 28 Jun 2023 15:36

Tgt Ion:252 Resp: 134995
Ion Ratio Lower Upper
252 100
253 24.7 26.0 39.0#
125 15.0 17.3 25.9#



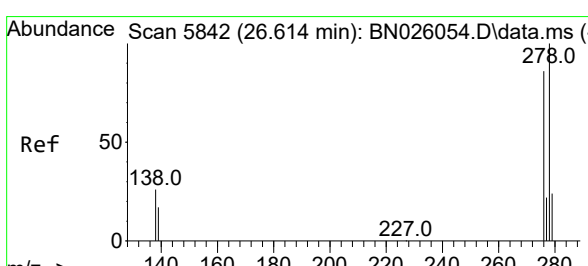
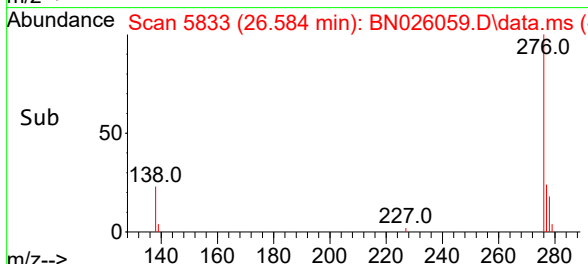
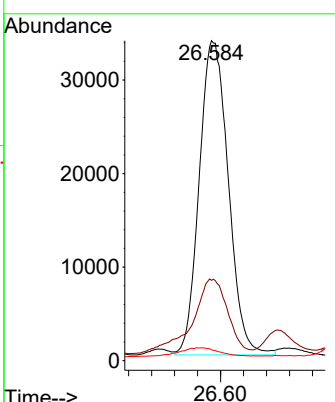
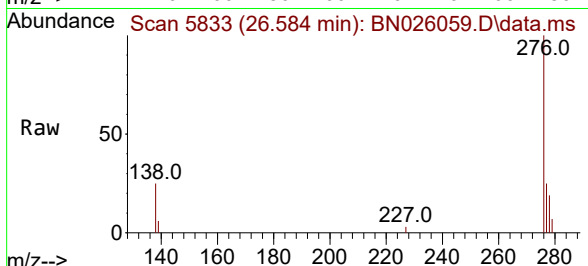


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.899 ng/ul
 RT: 26.584 min Scan# 5833
 Delta R.T. -0.010 min
 Lab File: BN026059.D
 Acq: 28 Jun 2023 15:36

Instrument :
 BNA_N
 ClientSampleId :
 DCFT2

Tgt Ion:276 Resp: 117998

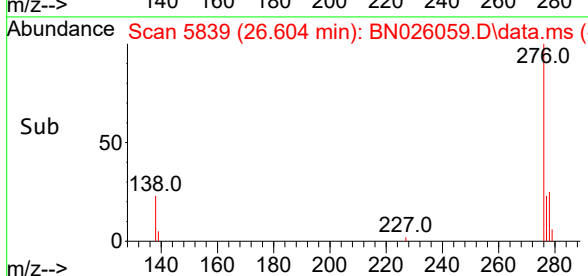
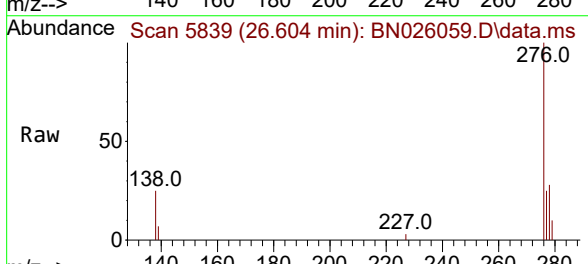
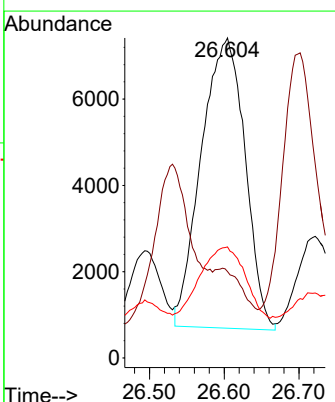
Ion	Ratio	Lower	Upper
276	100		
138	29.2	24.5	36.7
227	3.9	0.0	0.0#

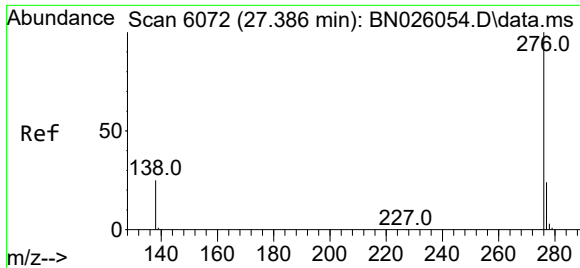


#28
 Dibenzo(a,h)anthracene
 Concen: 0.582 ng/ul
 RT: 26.604 min Scan# 5839
 Delta R.T. -0.010 min
 Lab File: BN026059.D
 Acq: 28 Jun 2023 15:36

Tgt Ion:278 Resp: 27357

Ion	Ratio	Lower	Upper
278	100		
139	27.0	19.0	28.4
279	34.7	26.7	40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.092 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN026059.D
 Acq: 28 Jun 2023 15:36

Instrument :
 BNA_N
 ClientSampleId :
 DCFT2

Tgt Ion:	276	Resp:	115604
Ion Ratio	Lower	Upper	
276	100		
138	25.4	23.4	35.0
277	24.1	20.0	30.0

