

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026000.D
 Acq On : 24 Jun 2023 11:22
 Operator : MA/JU
 Sample : 03085-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4

Quant Time: Jun 24 23:48:52 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

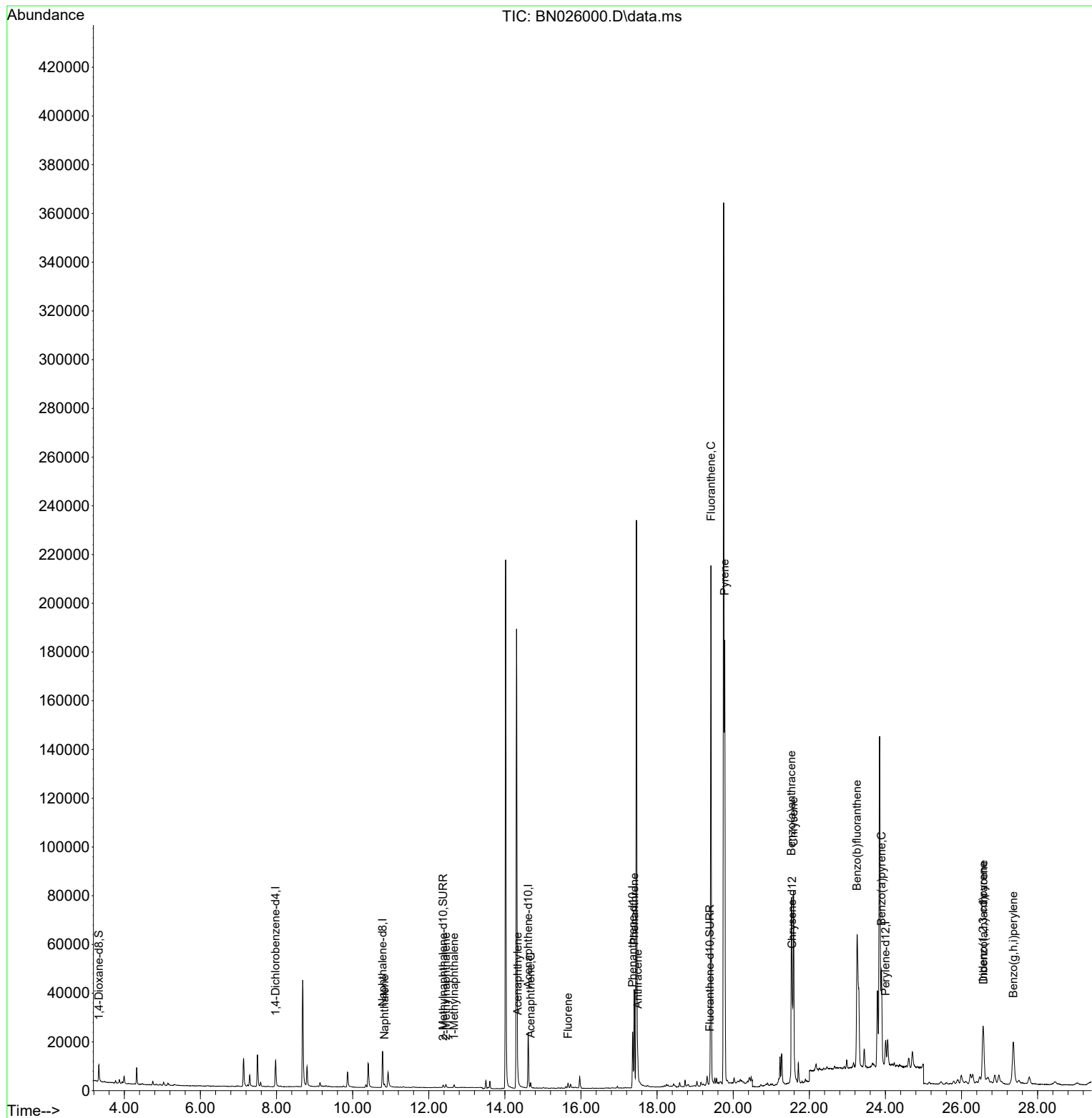
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6658	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	21670	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	13213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	28836	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	19164	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	15505	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4888	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1665	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	3884	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	1808	0.029	ng/ul#	84
7) 2-Methylnaphthalene	12.453	142	1113	0.028	ng/ul	98
8) 1-Methylnaphthalene	12.667	142	900	0.022	ng/ul	99
10) Acenaphthylene	14.335	152	4444	0.072	ng/ul#	93
11) Acenaphthene	14.677	153	1320	0.026	ng/ul	94
12) Fluorene	15.663	166	1467	0.025	ng/ul#	93
15) Phenanthrene	17.403	178	45148	0.474	ng/ul	100
16) Anthracene	17.491	178	8133	0.096	ng/ul#	92
19) Fluoranthene	19.415	202	183812	1.796	ng/ul	98
20) Pyrene	19.778	202	151040	1.419	ng/ul	97
21) Benzo(a)anthracene	21.530	228	68061	0.861	ng/ul	98
22) Chrysene	21.585	228	80047	0.973	ng/ul#	95
24) Benzo(b)fluoranthene	23.254	252	136903	2.069	ng/ul	96
26) Benzo(a)pyrene	23.895	252	57339	0.998	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.565	276	46283	0.737	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.575	278	10335	0.218	ng/ul#	82
29) Benzo(g,h,i)perylene	27.360	276	42371	0.759	ng/ul	99

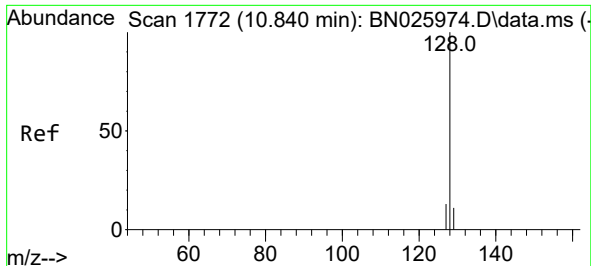
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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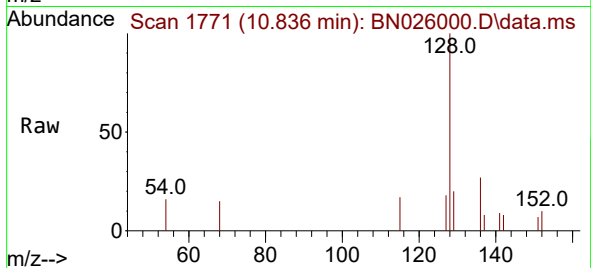
Quant Time: Jun 24 23:48:52 2023
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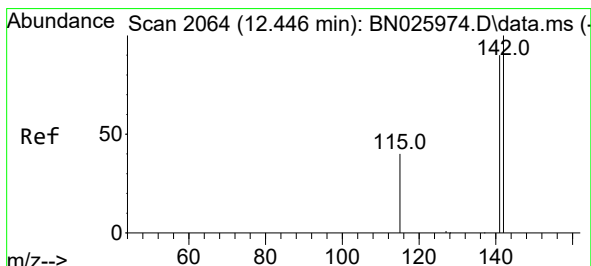
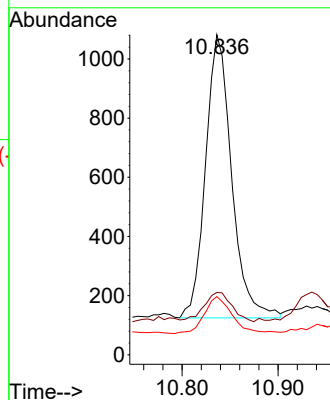
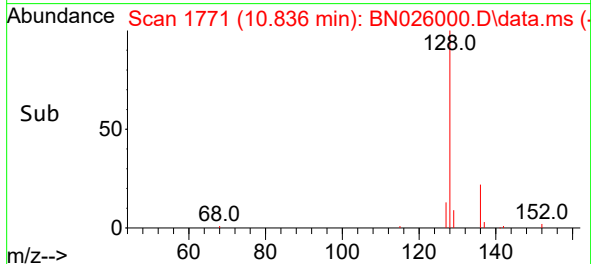


#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Instrument :
BNA_N
ClientSampleId :
DCFQ4

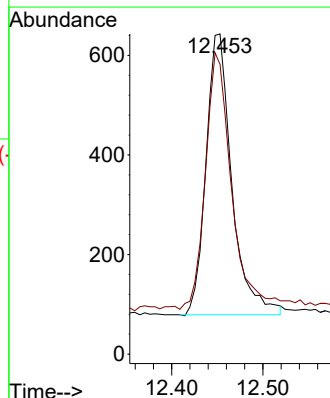
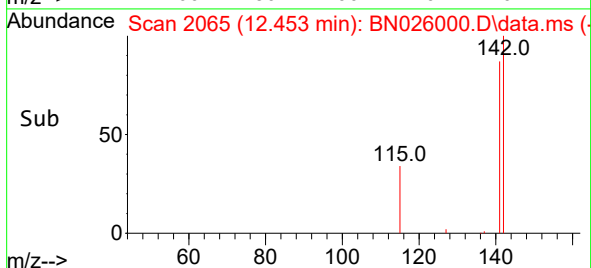
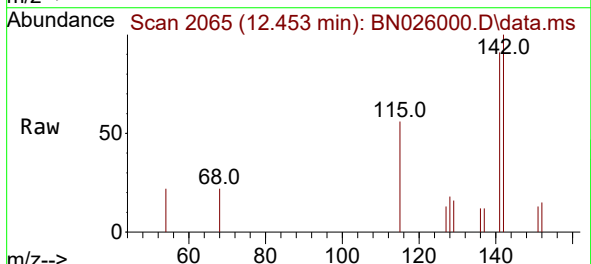


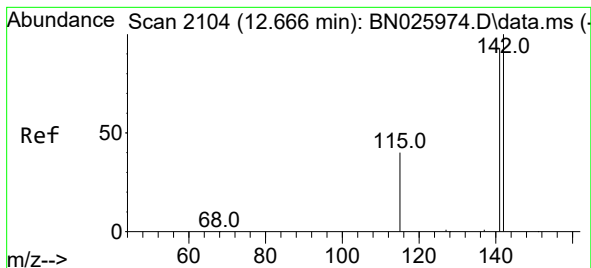
Tgt Ion:128 Resp: 1808
Ion Ratio Lower Upper
128 100
129 19.5 9.1 13.7#
127 18.2 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Tgt Ion:142 Resp: 1113
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.667 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

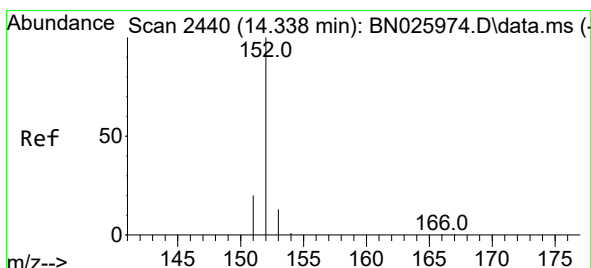
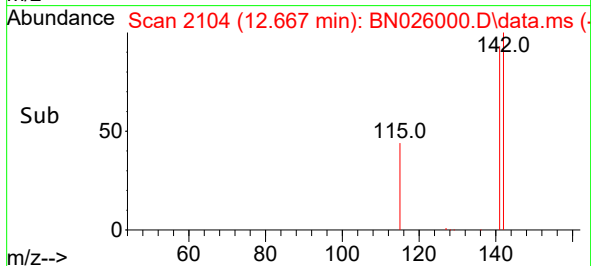
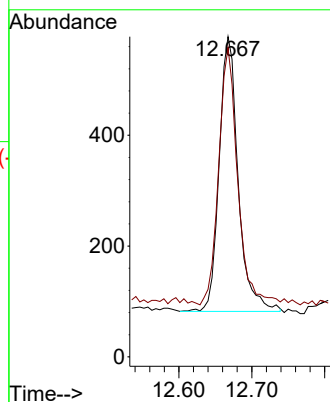
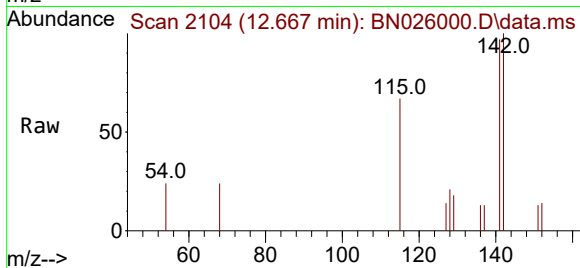
DCFQ4

Tgt Ion:142 Resp: 900

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.4



#10

Acenaphthylene

Concen: 0.072 ng/ul

RT: 14.335 min Scan# 2439

Delta R.T. -0.008 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

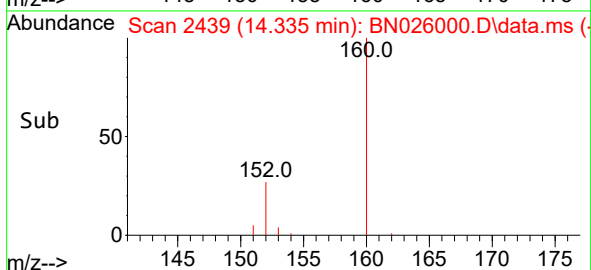
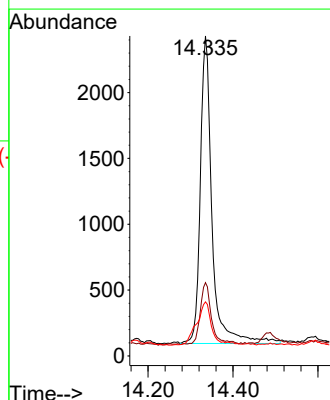
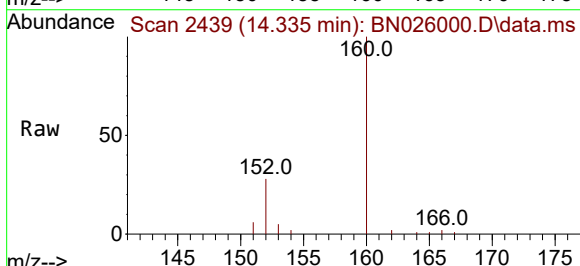
Tgt Ion:152 Resp: 4444

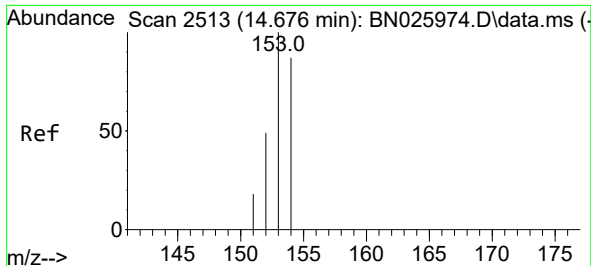
Ion Ratio Lower Upper

152 100

151 22.9 16.2 24.4

153 16.9 10.9 16.3#

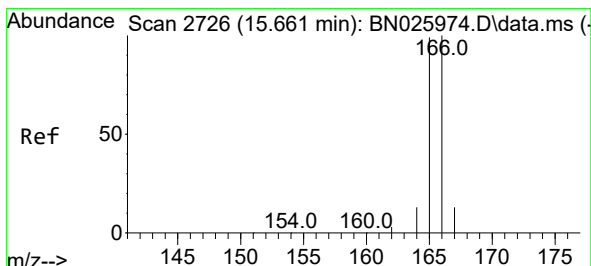
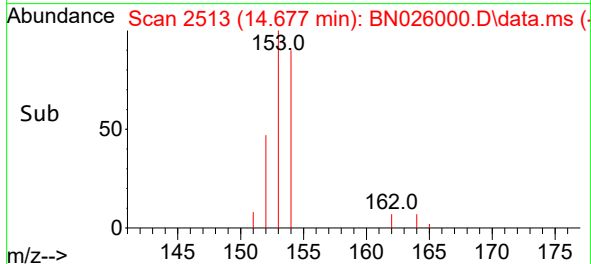
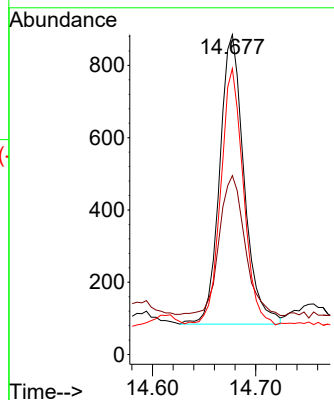
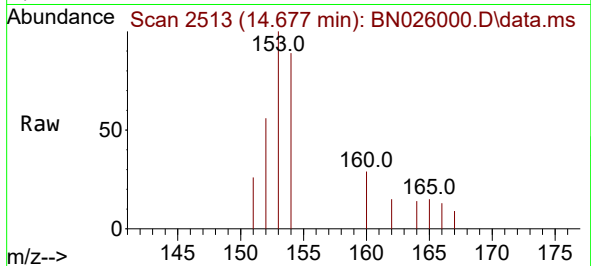




#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

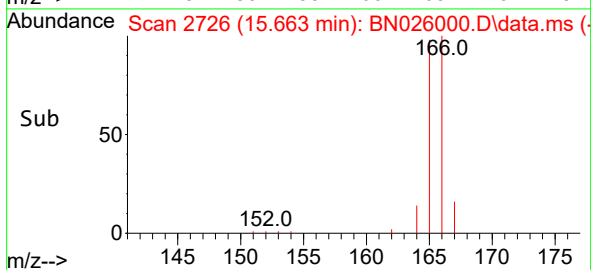
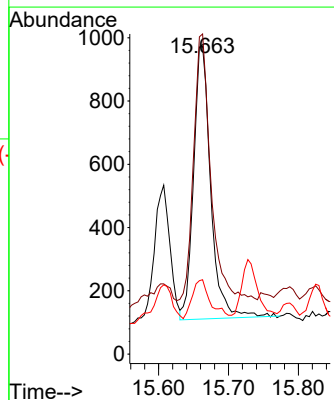
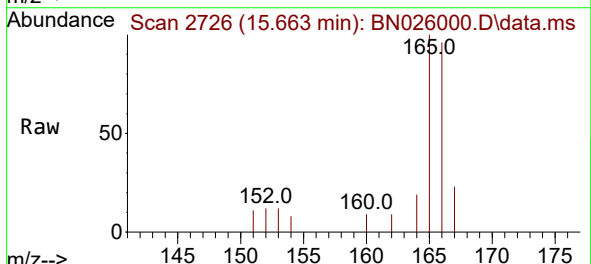
Instrument :
BNA_N
ClientSampleId :
DCFQ4

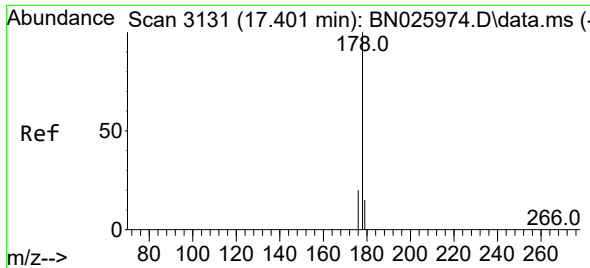
Tgt Ion:153 Resp: 1320
Ion Ratio Lower Upper
153 100
152 55.9 39.4 59.0
154 89.4 68.9 103.3



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Tgt Ion:166 Resp: 1467
Ion Ratio Lower Upper
166 100
165 104.1 79.9 119.9
167 24.2 10.8 16.2#

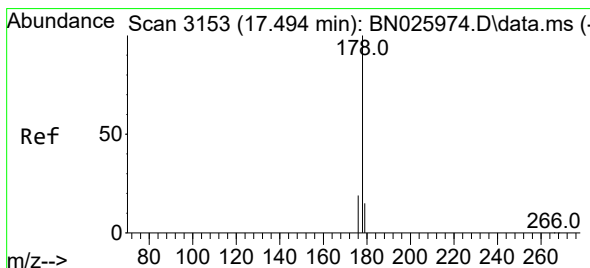
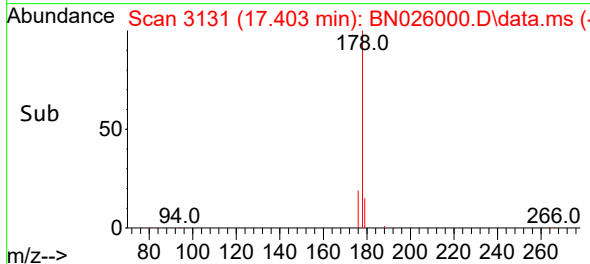
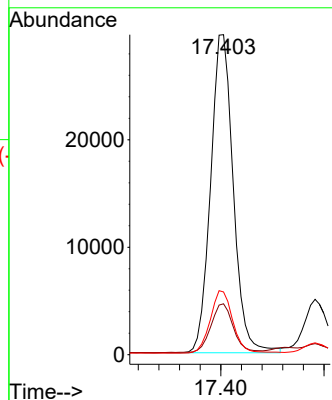
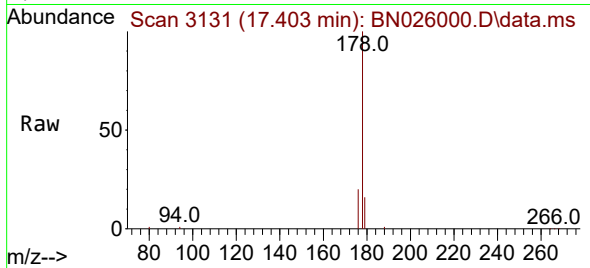




#15
Phenanthrene
Concen: 0.474 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

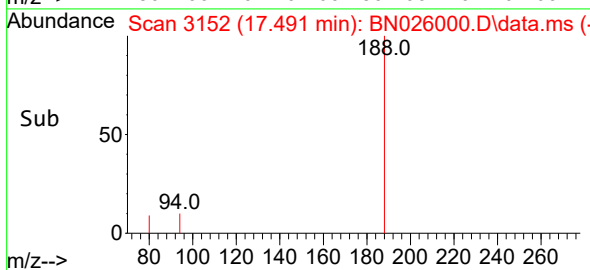
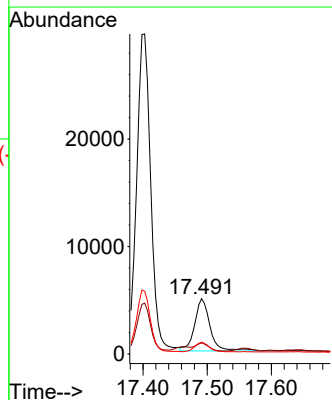
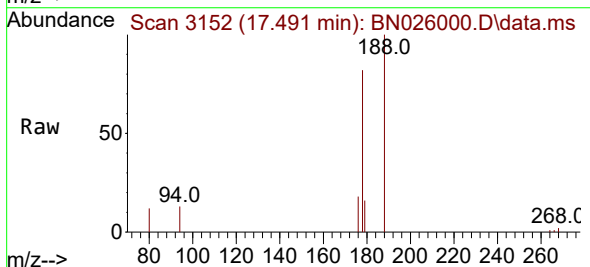
Instrument :
BNA_N
ClientSampleId :
DCFQ4

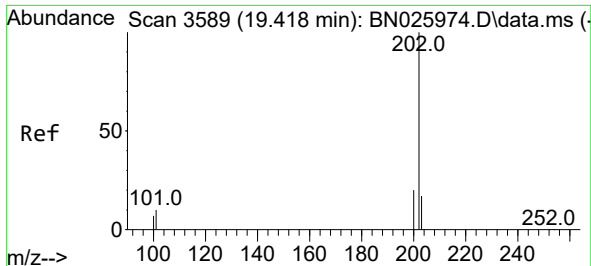
Tgt Ion:	178	Resp:	45148
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.6	15.8	23.6



#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Tgt Ion:	178	Resp:	8133
Ion Ratio	Lower	Upper	
178	100		
179	19.9	12.6	18.8#
176	21.6	15.1	22.7

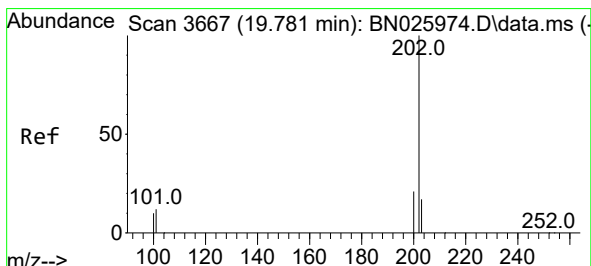
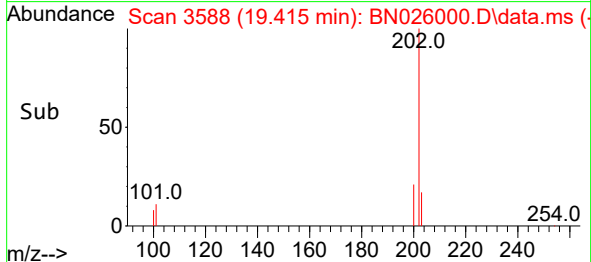
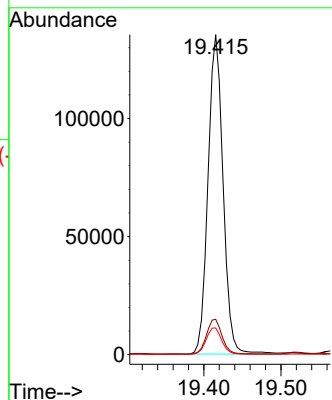
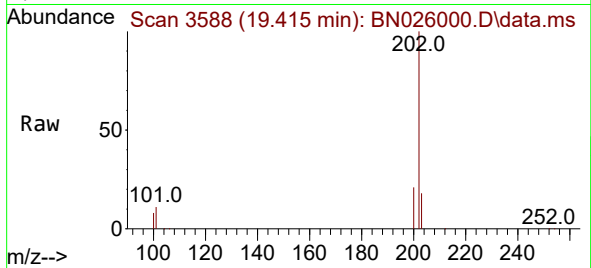




#19
Fluoranthene
Concen: 1.796 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

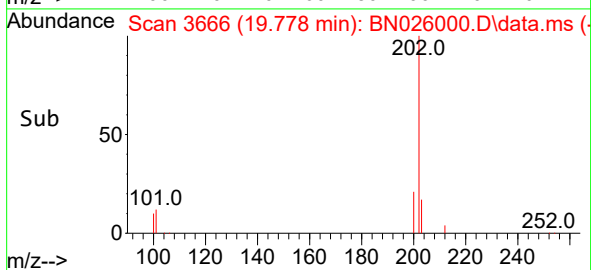
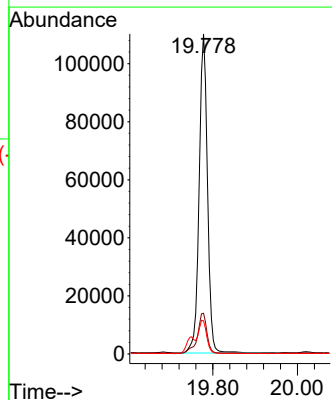
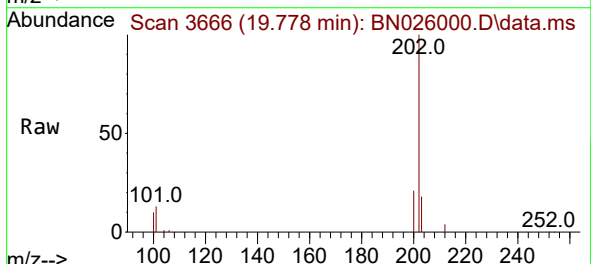
Instrument :
BNA_N
ClientSampleId :
DCFQ4

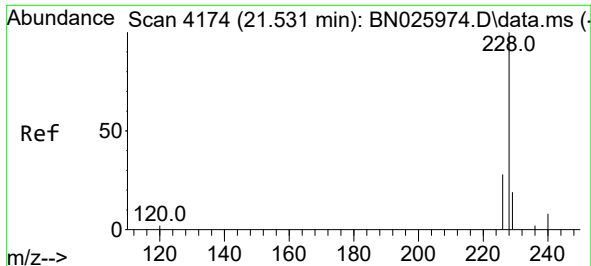
Tgt Ion:202 Resp: 183812
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 1.419 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

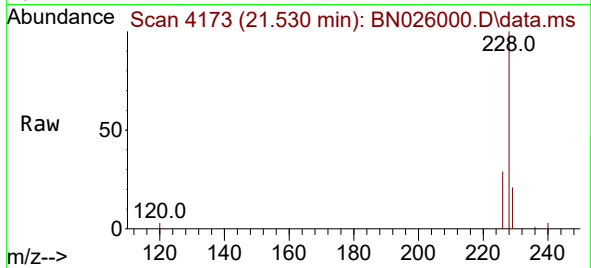
Tgt Ion:202 Resp: 151040
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.4 9.1 13.7



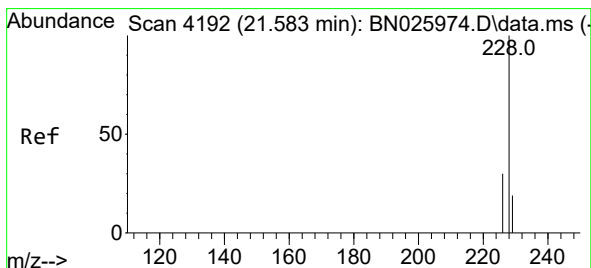
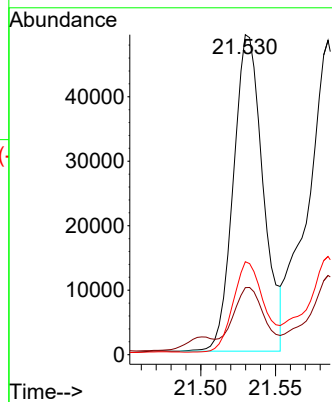
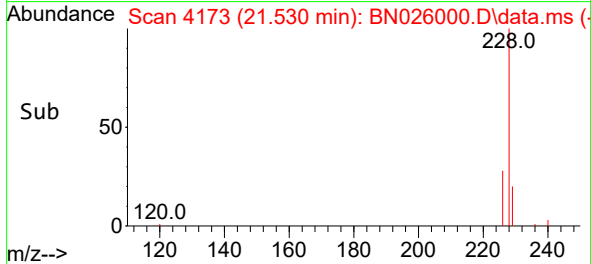


#21
Benzo(a)anthracene
Concen: 0.861 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Instrument :
BNA_N
ClientSampleId :
DCFQ4

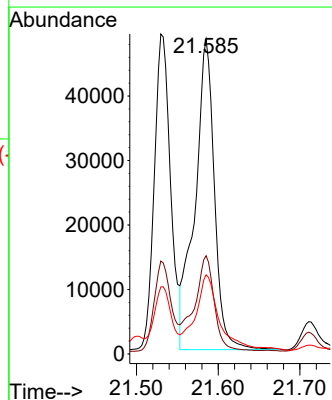
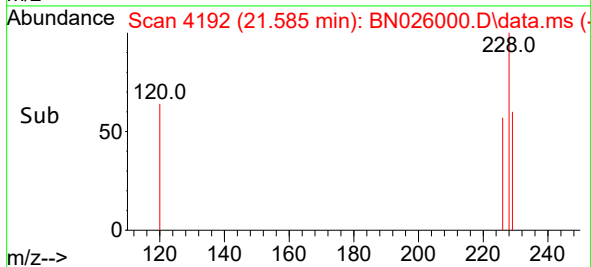
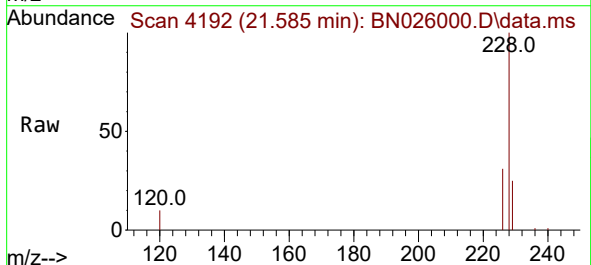


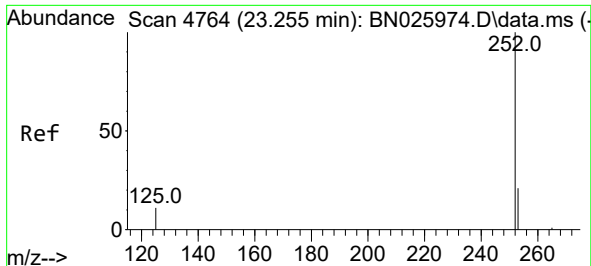
Tgt Ion:228 Resp: 68061
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 0.973 ng/ul
RT: 21.585 min Scan# 4192
Delta R.T. 0.001 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

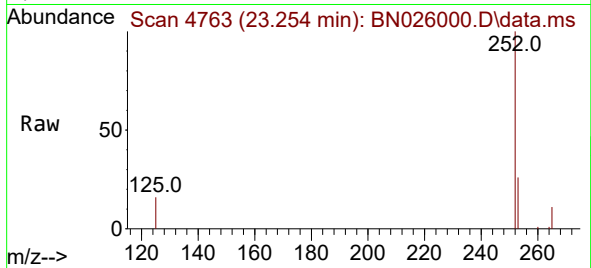
Tgt Ion:228 Resp: 80047
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 25.2 15.7 23.5#



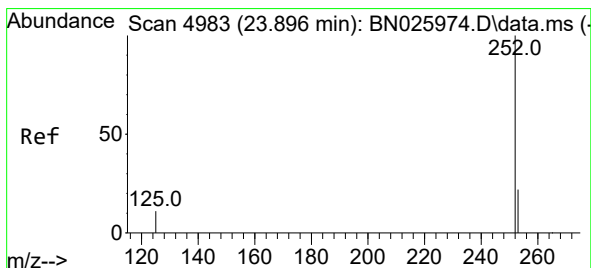
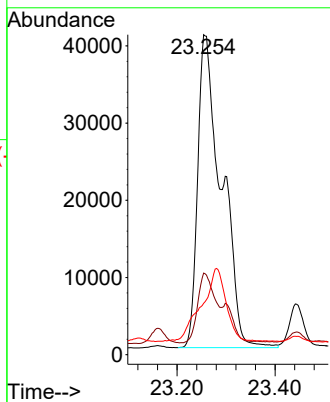
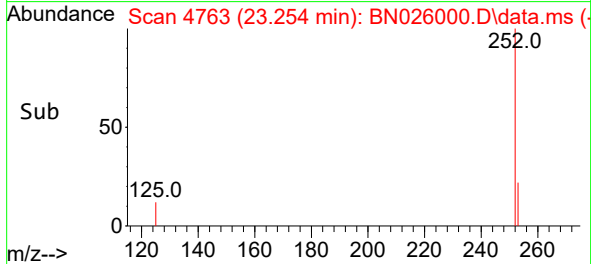


#24
Benzo(b)fluoranthene
Concen: 2.069 ng/u1
RT: 23.254 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Instrument :
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ClientSampleId :
DCFQ4

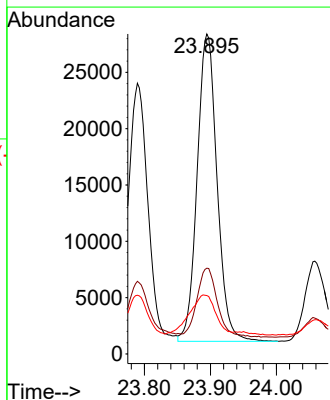
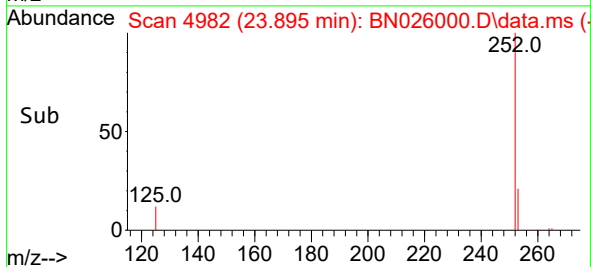
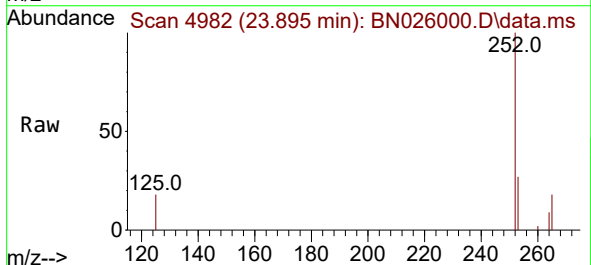


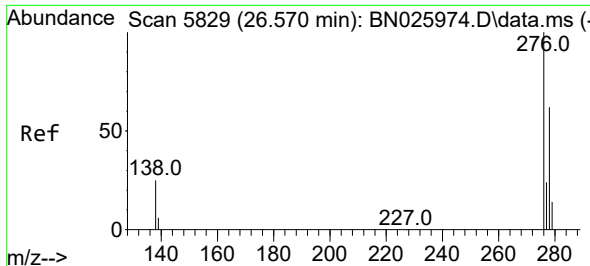
Tgt Ion:252 Resp: 136903
Ion Ratio Lower Upper
252 100
253 25.5 0.0 55.6
125 16.0 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.998 ng/u1
RT: 23.895 min Scan# 4982
Delta R.T. -0.014 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Tgt Ion:252 Resp: 57339
Ion Ratio Lower Upper
252 100
253 26.8 26.0 39.0
125 18.3 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.737 ng/ul

RT: 26.565 min Scan# 5827

Delta R.T. -0.029 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

DCFQ4

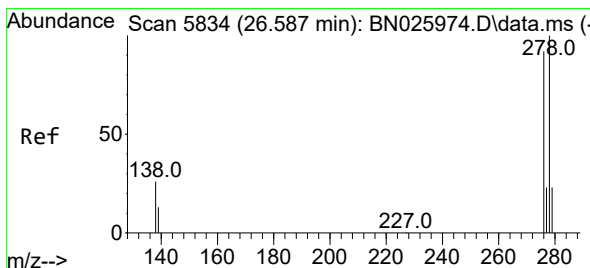
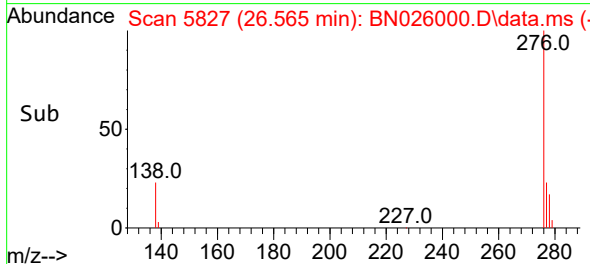
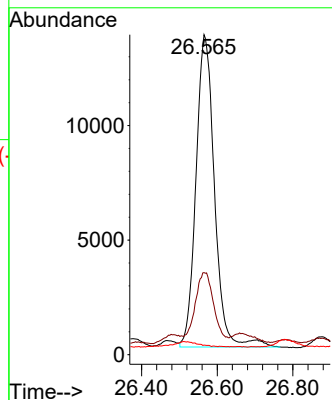
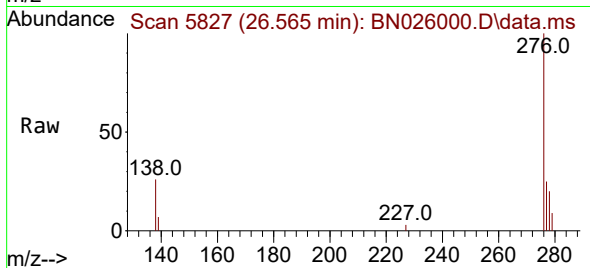
Tgt Ion:276 Resp: 46283

Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.218 ng/ul

RT: 26.575 min Scan# 5830

Delta R.T. -0.046 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

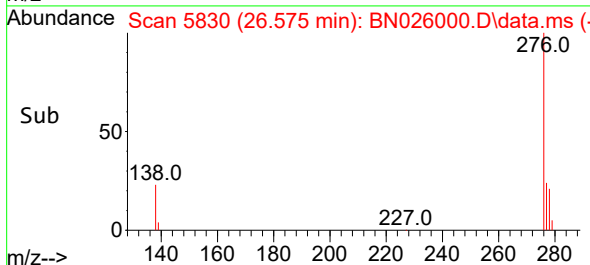
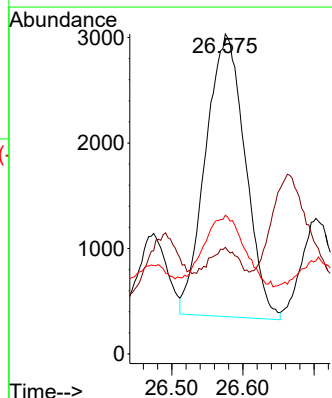
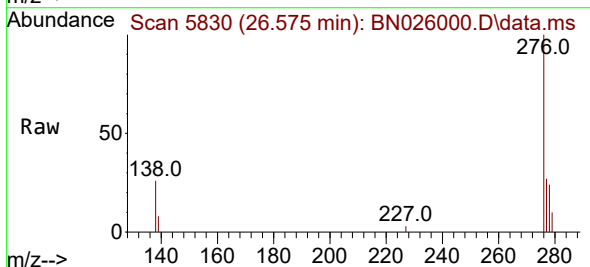
Tgt Ion:278 Resp: 10335

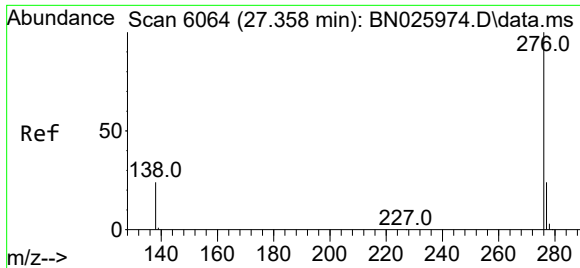
Ion Ratio Lower Upper

278 100

139 33.3 19.0 28.4#

279 43.4 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.759 ng/ul
 RT: 27.360 min Scan# 6064
 Delta R.T. -0.026 min
 Lab File: BN026000.D
 Acq: 24 Jun 2023 11:22

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4

Tgt Ion:276 Resp: 42371
 Ion Ratio Lower Upper
 276 100
 138 28.2 23.4 35.0
 277 25.1 20.0 30.0

