

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026064.D
 Acq On : 28 Jun 2023 18:39
 Operator : MA/JU
 Sample : 03142-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT4

Quant Time: Jun 28 23:15:50 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)

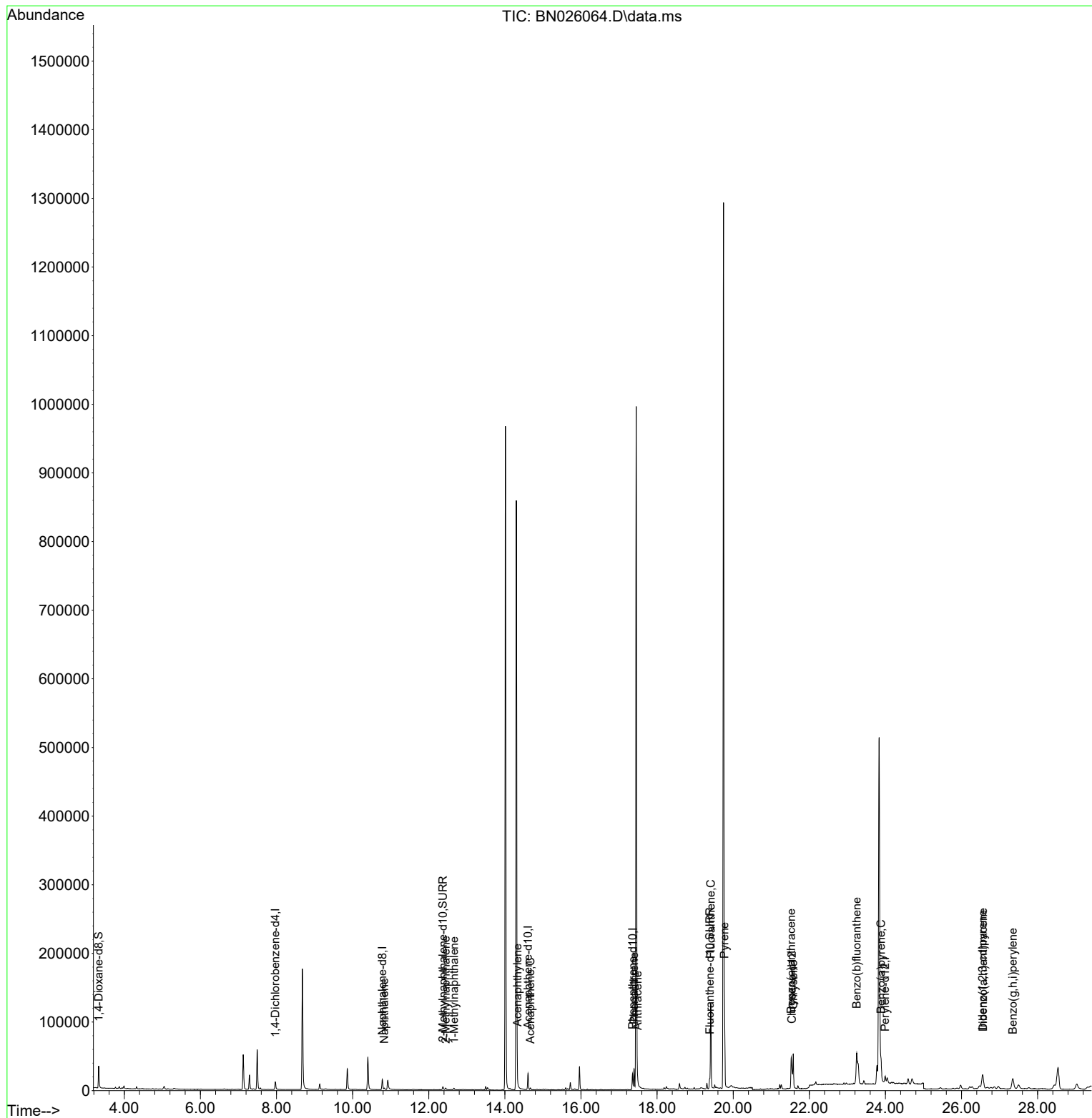
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	6652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	22051	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	28242	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	15696	0.400	ng/ul	# 0.00
23) Perylene-d12	23.993	264	15621	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	21852	2.917	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	6850	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	14900	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	3134	0.050	ng/ul#	89
7) 2-Methylnaphthalene	12.447	142	2186	0.054	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	1784	0.043	ng/ul	99
10) Acenaphthylene	14.330	152	2117	0.033	ng/ul#	79
11) Acenaphthene	14.672	153	1404	0.027	ng/ul	96
15) Phenanthrene	17.393	178	33171	0.356	ng/ul	99
16) Anthracene	17.486	178	4464	0.054	ng/ul#	88
19) Fluoranthene	19.410	202	109496	1.306	ng/ul	99
20) Pyrene	19.772	202	92057	1.056	ng/ul	99
21) Benzo(a)anthracene	21.523	228	38979	0.602	ng/ul	97
22) Chrysene	21.579	228	56521	0.839	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	108599	1.629	ng/ul	97
26) Benzo(a)pyrene	23.882	252	44582	0.770	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.551	276	40987	0.648	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.564	278	9106	0.190	ng/ul#	79
29) Benzo(g,h,i)perylene	27.346	276	39647	0.705	ng/ul	99

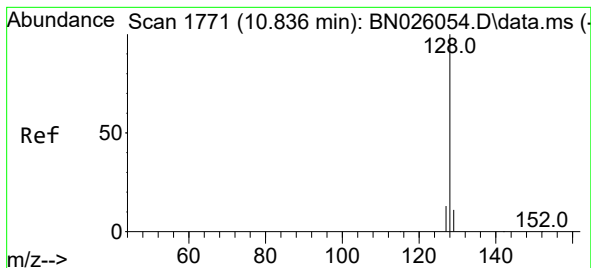
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.050 ng/ul

RT: 10.831 min Scan# 1770

Delta R.T. -0.005 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

Instrument :

BNA_N

ClientSampleId :

DCFT4

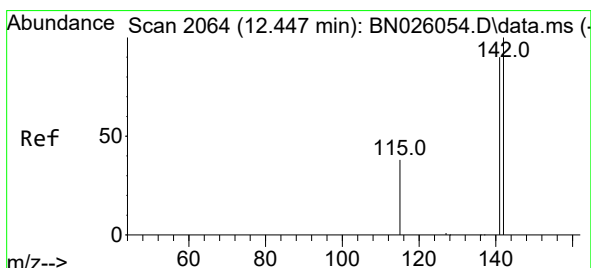
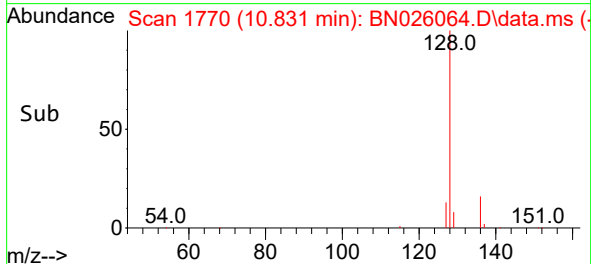
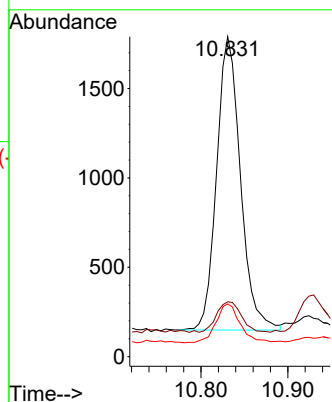
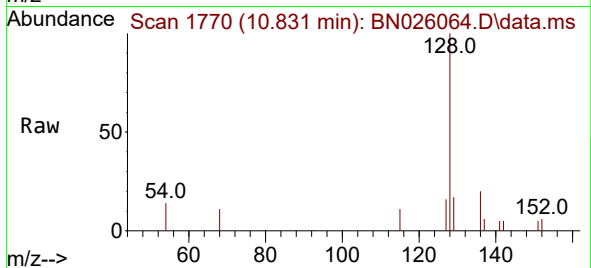
Tgt Ion:128 Resp: 3134

Ion Ratio Lower Upper

128 100

129 17.2 9.1 13.7#

127 16.5 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.447 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BN026064.D

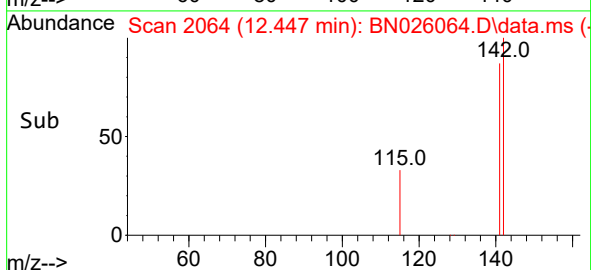
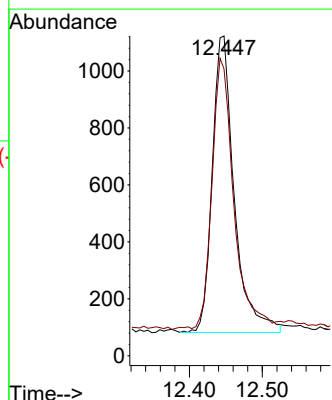
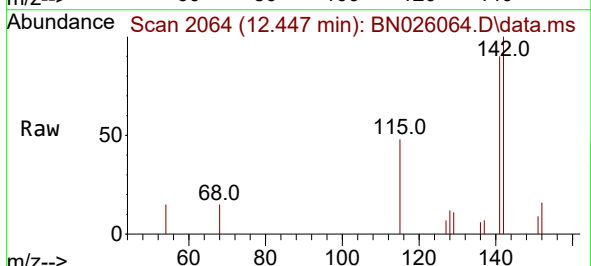
Acq: 28 Jun 2023 18:39

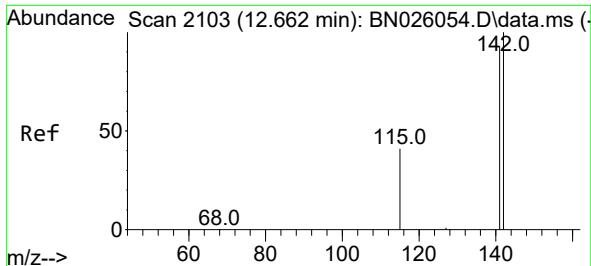
Tgt Ion:142 Resp: 2186

Ion Ratio Lower Upper

142 100

141 91.2 71.9 107.9

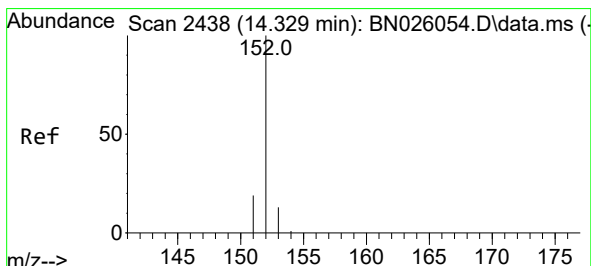
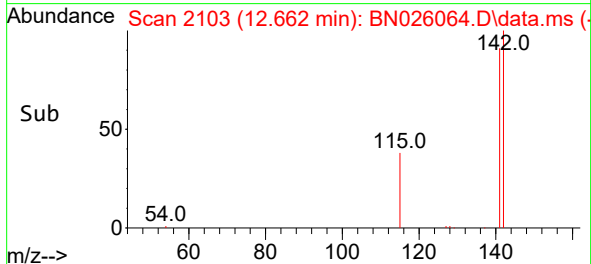
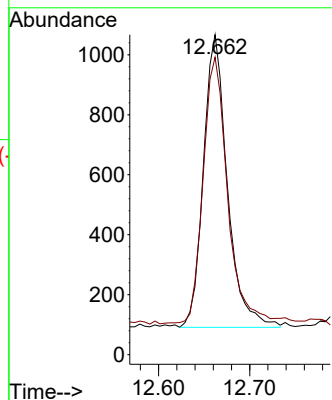
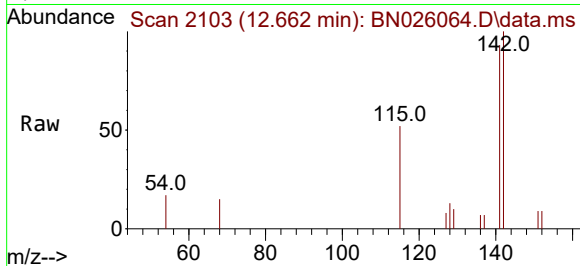




#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

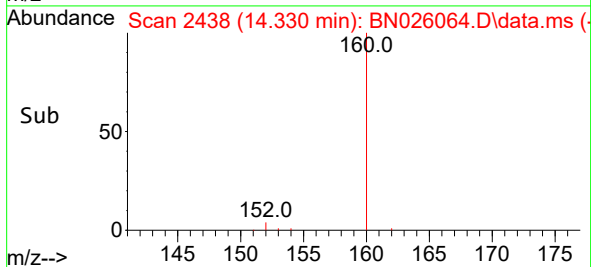
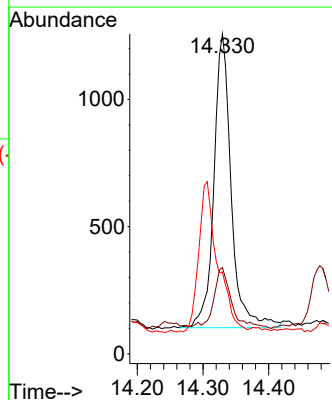
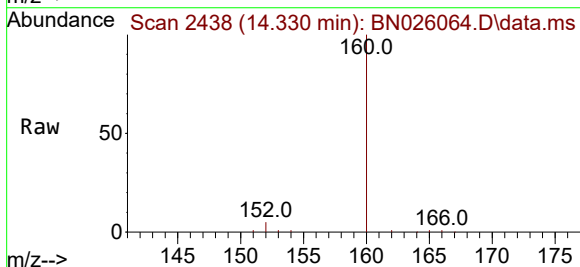
Instrument :
BNA_N
ClientSampleId :
DCFT4

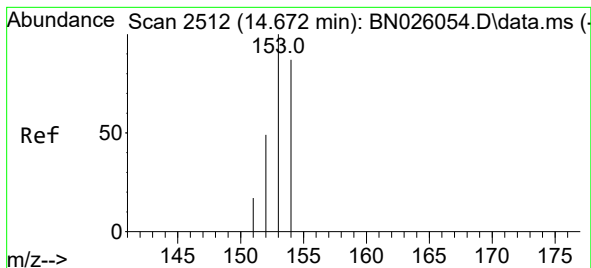
Tgt Ion:142 Resp: 1784
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

Tgt Ion:152 Resp: 2117
Ion Ratio Lower Upper
152 100
151 27.0 16.2 24.4#
153 25.5 10.9 16.3#





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.672 min Scan# 2512

Delta R.T. 0.000 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

Instrument :

BNA_N

ClientSampleId :

DCFT4

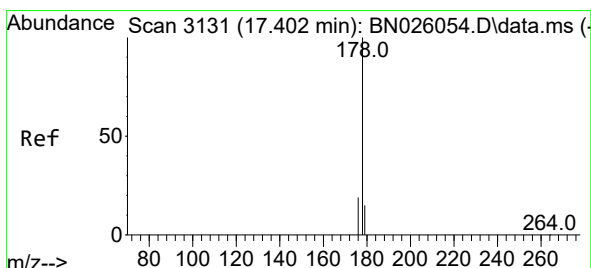
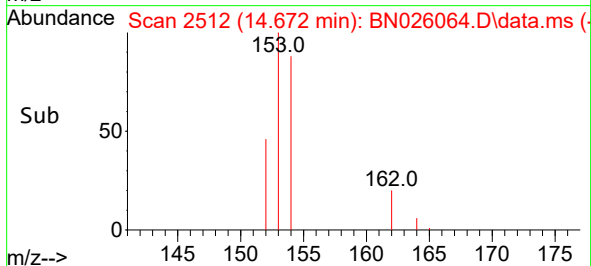
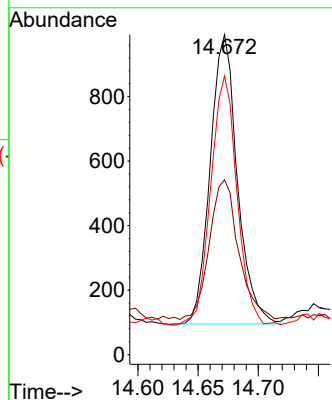
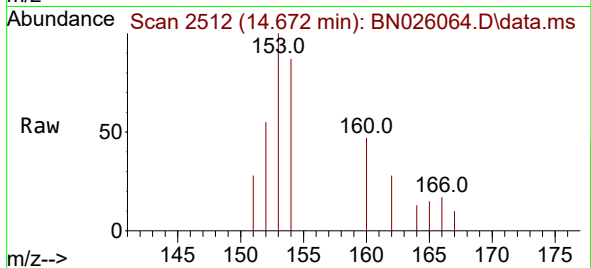
Tgt Ion:153 Resp: 1404

Ion Ratio Lower Upper

153 100

152 54.6 39.4 59.0

154 87.1 68.9 103.3



#15

Phenanthrene

Concen: 0.356 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

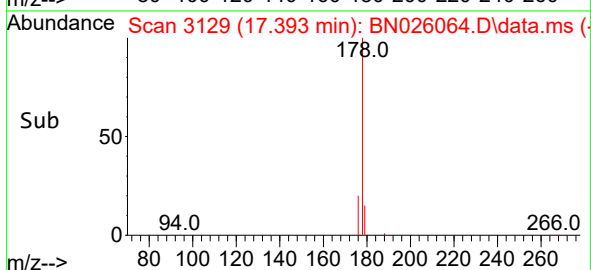
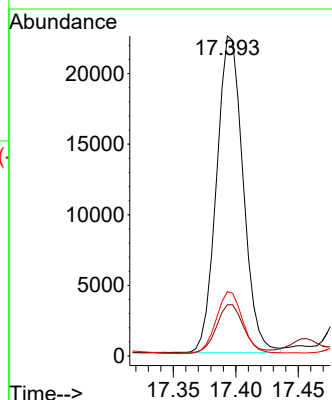
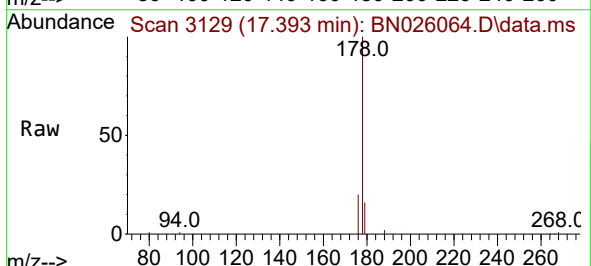
Tgt Ion:178 Resp: 33171

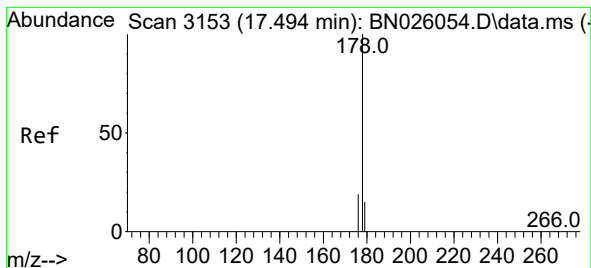
Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 20.1 15.8 23.6





#16

Anthracene

Concen: 0.054 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.008 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

Instrument :

BNA_N

ClientSampleId :

DCFT4

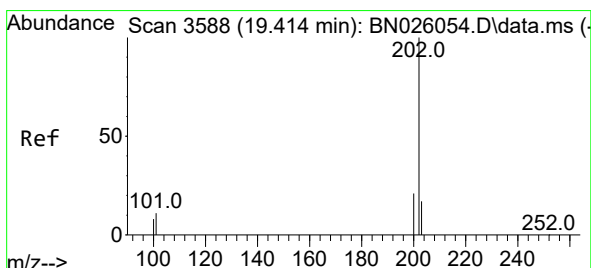
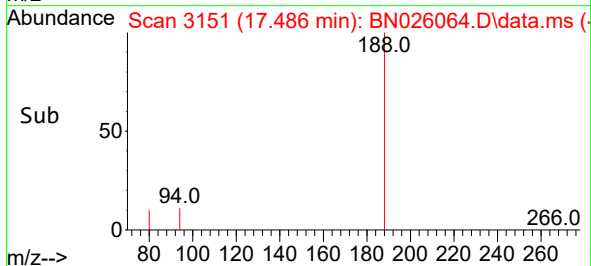
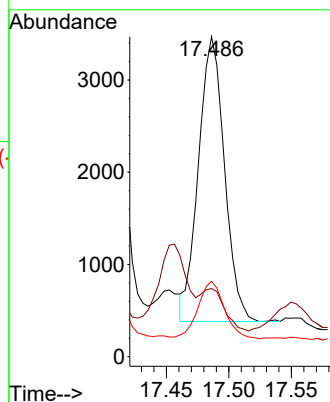
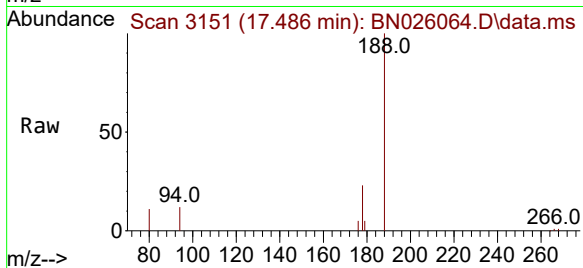
Tgt Ion:178 Resp: 4464

Ion Ratio Lower Upper

178 100

179 21.3 12.6 18.8#

176 23.5 15.1 22.7#



#19

Fluoranthene

Concen: 1.306 ng/ul

RT: 19.410 min Scan# 3587

Delta R.T. -0.005 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

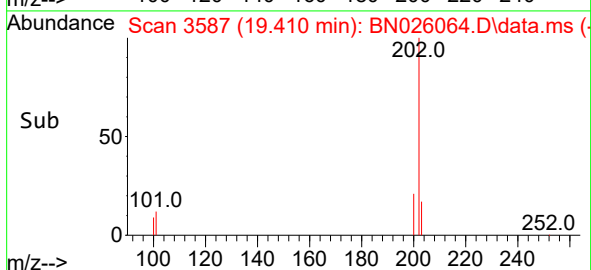
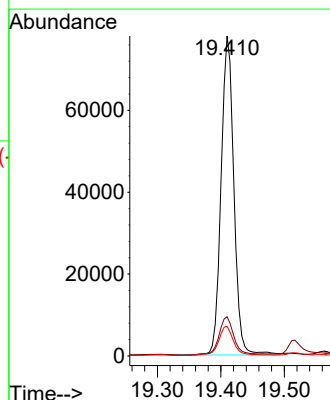
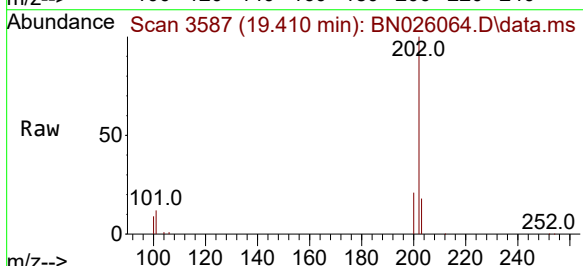
Tgt Ion:202 Resp: 109496

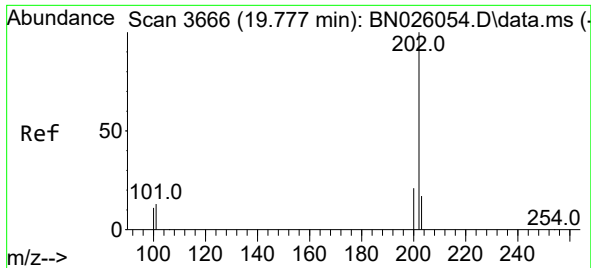
Ion Ratio Lower Upper

202 100

101 12.2 9.5 14.3

100 9.2 7.3 10.9

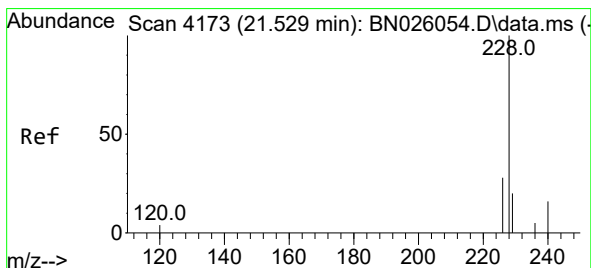
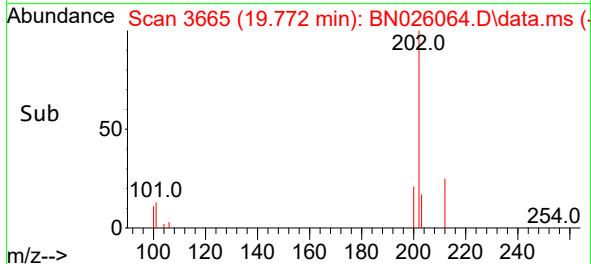
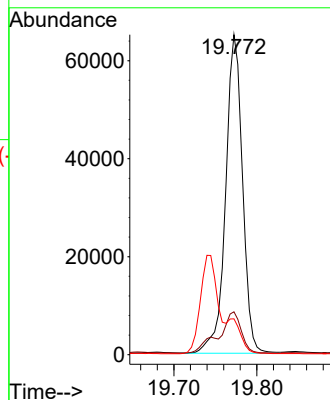
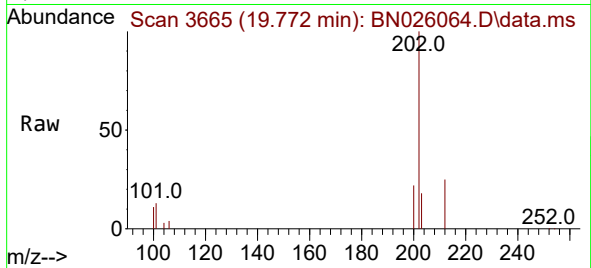




#20
Pyrene
Concen: 1.056 ng/ul
RT: 19.772 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

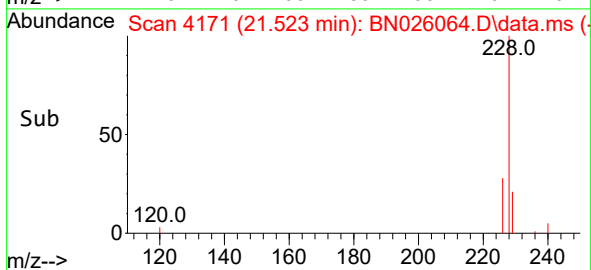
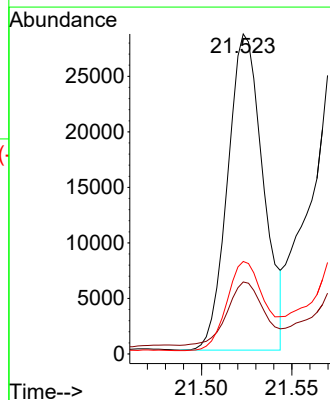
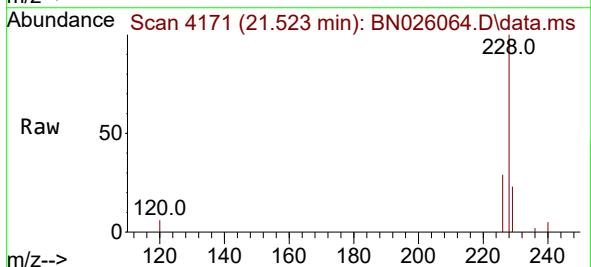
Instrument :
BNA_N
ClientSampleId :
DCFT4

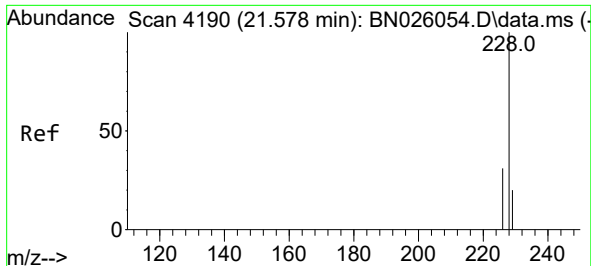
Tgt Ion:202 Resp: 92057
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.2 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.602 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

Tgt Ion:228 Resp: 38979
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 28.9 22.5 33.7





#22

Chrysene

Concen: 0.839 ng/ul

RT: 21.579 min Scan# 4190

Delta R.T. 0.000 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

Instrument :

BNA_N

ClientSampleId :

DCFT4

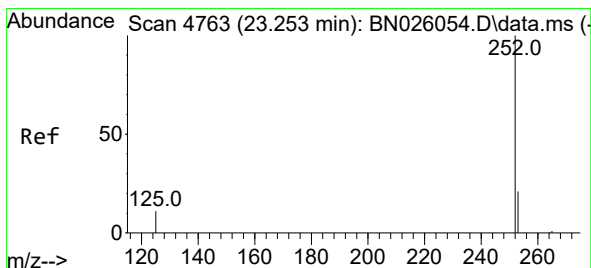
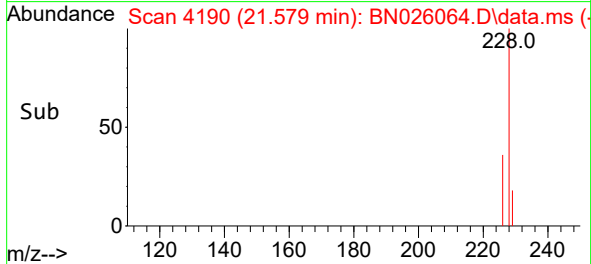
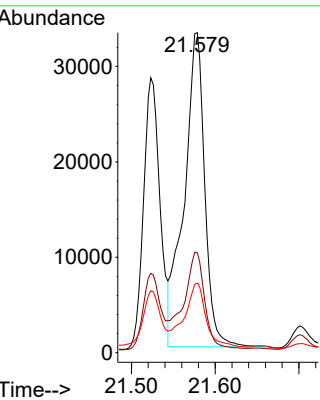
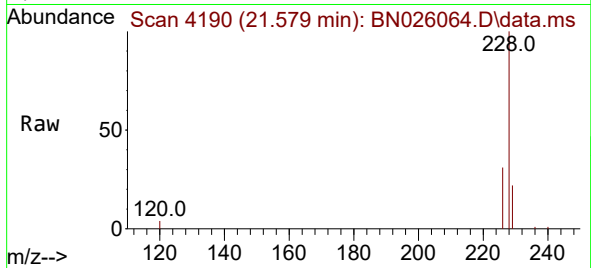
Tgt Ion:228 Resp: 56521

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 21.8 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 1.629 ng/ul

RT: 23.245 min Scan# 4760

Delta R.T. -0.009 min

Lab File: BN026064.D

Acq: 28 Jun 2023 18:39

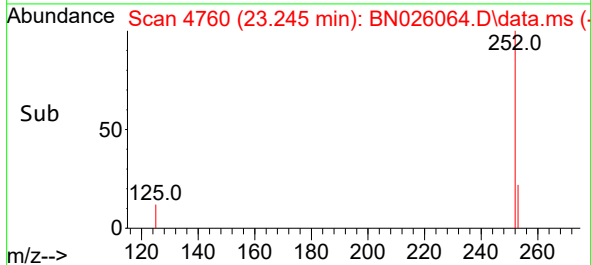
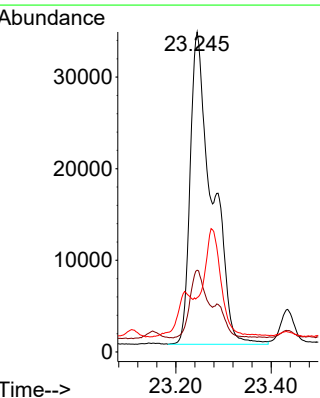
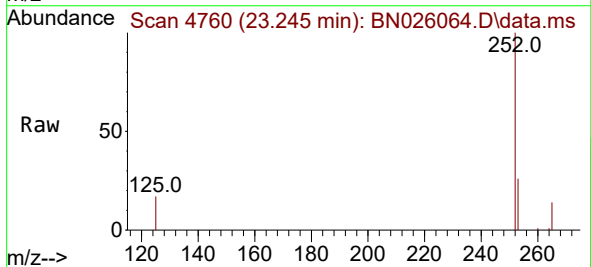
Tgt Ion:252 Resp: 108599

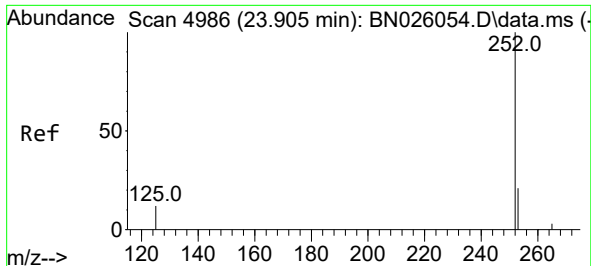
Ion Ratio Lower Upper

252 100

253 25.5 0.0 55.6

125 17.0 0.0 35.8

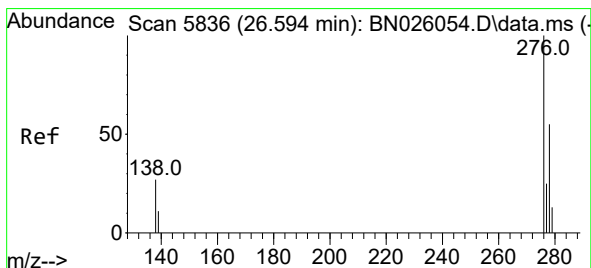
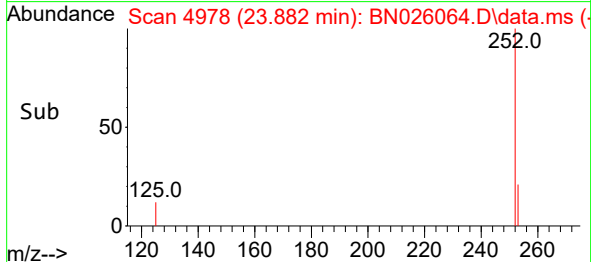
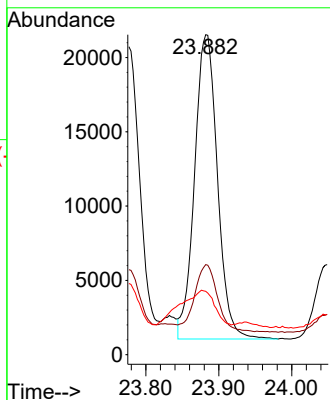
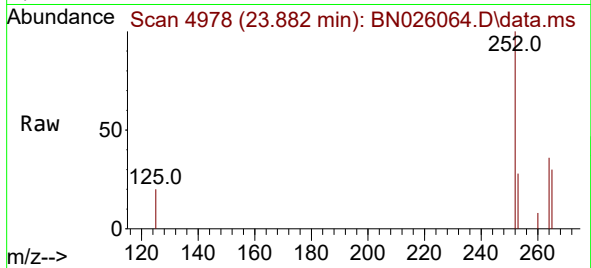




#26
Benzo(a)pyrene
Concen: 0.770 ng/ul
RT: 23.882 min Scan# 4986
Delta R.T. -0.023 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

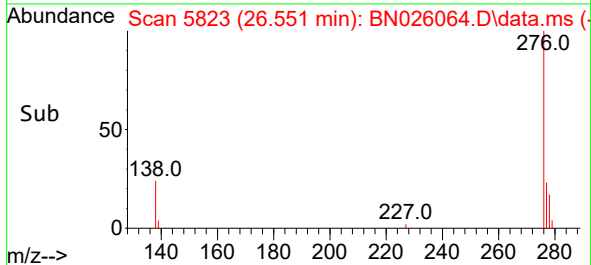
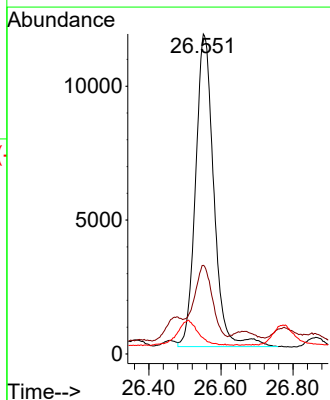
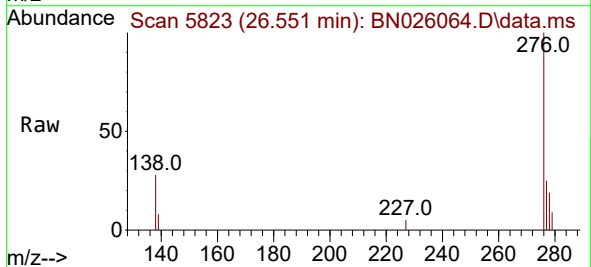
Instrument :
BNA_N
ClientSampleId :
DCFT4

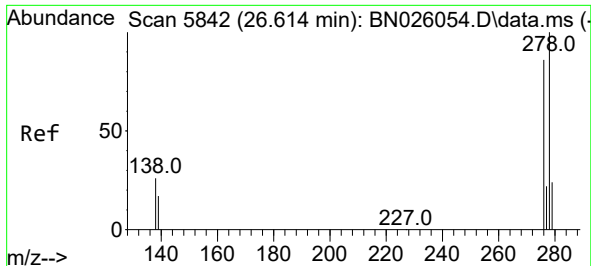
Tgt Ion:252 Resp: 44582
Ion Ratio Lower Upper
252 100
253 28.2 26.0 39.0
125 19.8 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.648 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.044 min
Lab File: BN026064.D
Acq: 28 Jun 2023 18:39

Tgt Ion:276 Resp: 40987
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.0 0.0

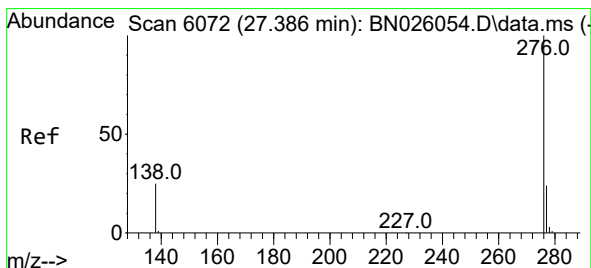
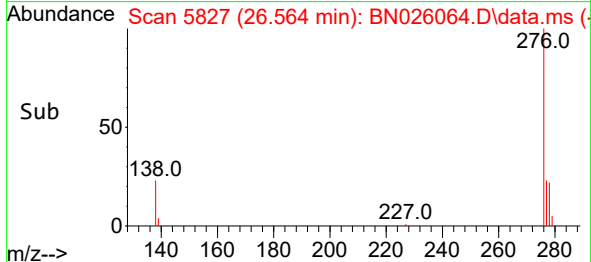
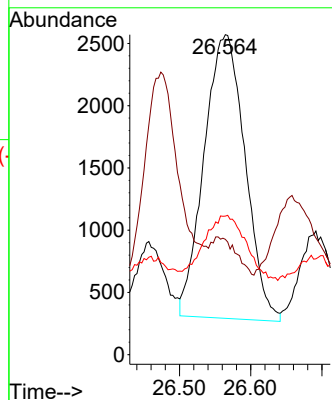
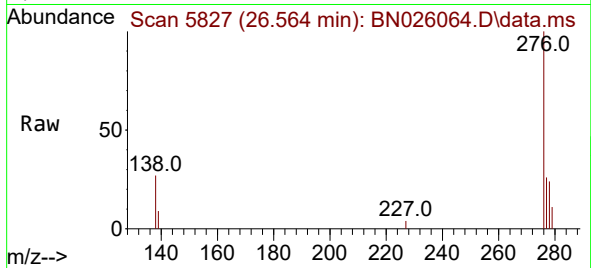




#28
 Dibenzo(a,h)anthracene
 Concen: 0.190 ng/ul
 RT: 26.564 min Scan# 5842
 Delta R.T. -0.050 min
 Lab File: BN026064.D
 Acq: 28 Jun 2023 18:39

Instrument :
 BNA_N
 ClientSampleId :
 DCFT4

Tgt Ion:278 Resp: 9106
 Ion Ratio Lower Upper
 278 100
 139 36.0 19.0 28.4#
 279 43.3 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.705 ng/ul
 RT: 27.346 min Scan# 6060
 Delta R.T. -0.040 min
 Lab File: BN026064.D
 Acq: 28 Jun 2023 18:39

Tgt Ion:276 Resp: 39647
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.4 35.0
 277 25.1 20.0 30.0

