

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026066.D
 Acq On : 28 Jun 2023 19:53
 Operator : MA/JU
 Sample : 03142-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS8

Quant Time: Jun 28 23:16:08 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

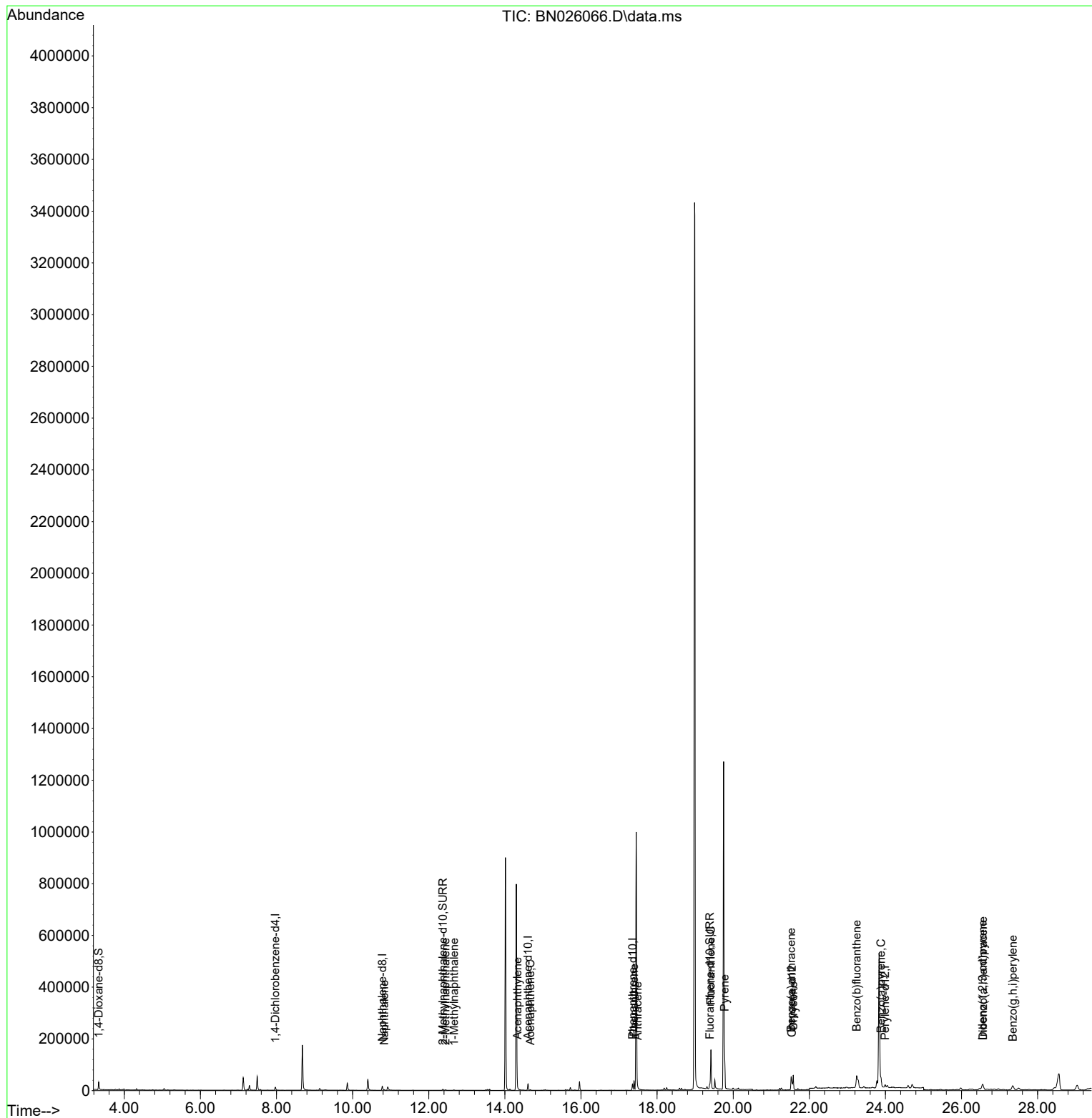
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	30127	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17326	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	16756	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	20171	2.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6382	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15041	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2523	0.038	ng/ul#	86
7) 2-Methylnaphthalene	12.442	142	1694	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	1331	0.030	ng/ul	100
10) Acenaphthylene	14.330	152	2332	0.035	ng/ul#	82
11) Acenaphthene	14.672	153	1465	0.027	ng/ul	98
15) Phenanthrene	17.393	178	38878	0.391	ng/ul	100
16) Anthracene	17.486	178	6338	0.072	ng/ul#	82
19) Fluoranthene	19.415	202	127252	1.375	ng/ul#	95
20) Pyrene	19.777	202	103583	1.076	ng/ul	97
21) Benzo(a)anthracene	21.523	228	44132	0.617	ng/ul	96
22) Chrysene	21.579	228	61605	0.828	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	113607	1.589	ng/ul	98
26) Benzo(a)pyrene	23.882	252	46921	0.755	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.554	276	43087	0.635	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	9505	0.185	ng/ul#	77
29) Benzo(g,h,i)perylene	27.346	276	39539	0.655	ng/ul	98

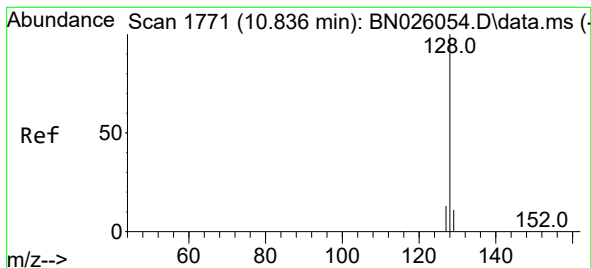
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.038 ng/ul

RT: 10.831 min Scan# 1770

Delta R.T. -0.005 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

Instrument :

BNA_N

ClientSampleId :

DCFS8

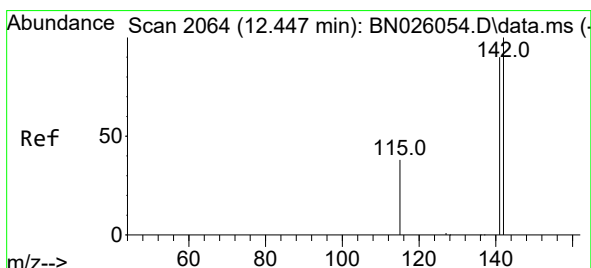
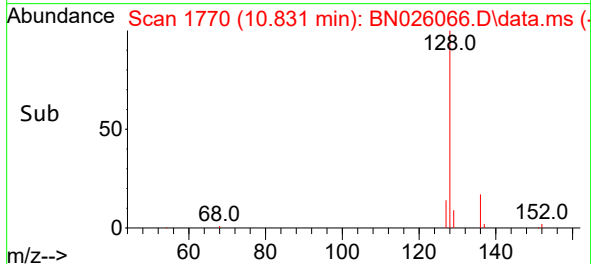
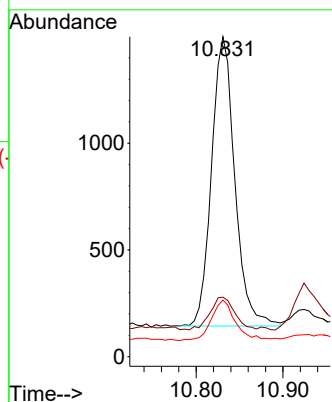
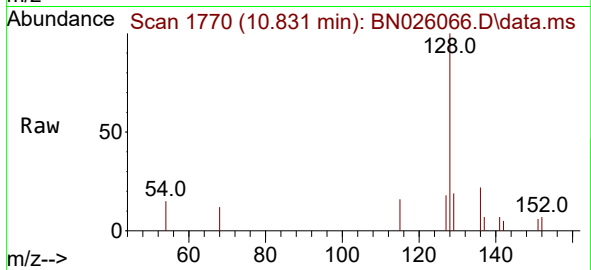
Tgt Ion:128 Resp: 2523

Ion Ratio Lower Upper

128 100

129 18.6 9.1 13.7#

127 17.7 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.442 min Scan# 2063

Delta R.T. -0.005 min

Lab File: BN026066.D

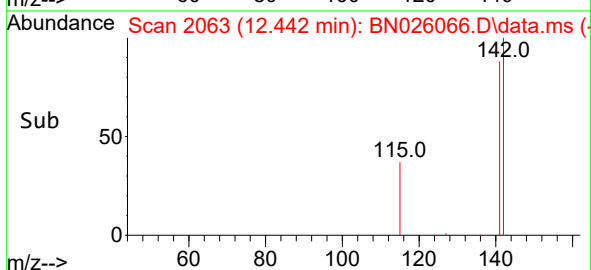
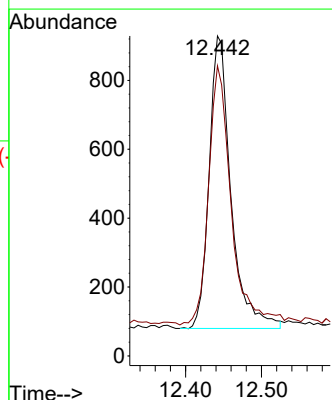
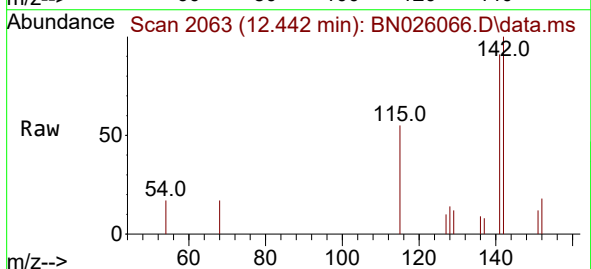
Acq: 28 Jun 2023 19:53

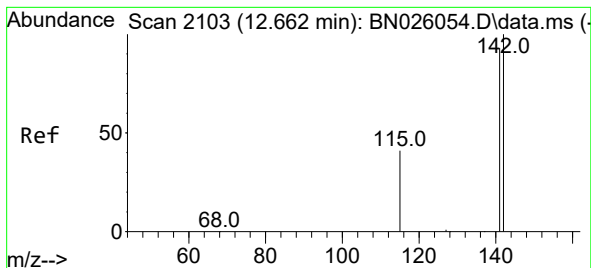
Tgt Ion:142 Resp: 1694

Ion Ratio Lower Upper

142 100

141 91.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.662 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

Instrument :

BNA_N

ClientSampleId :

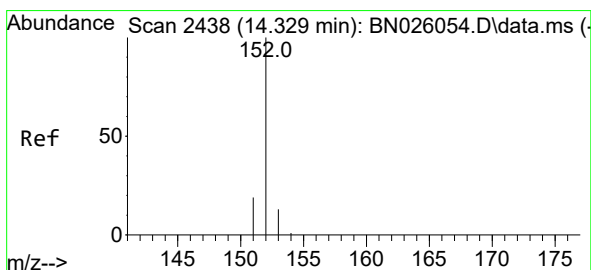
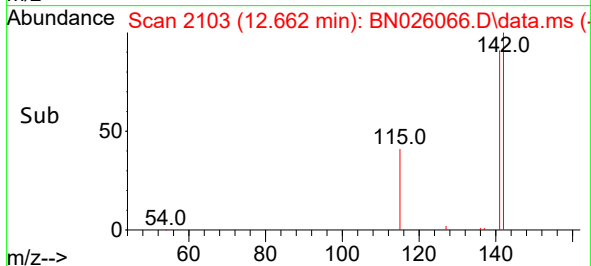
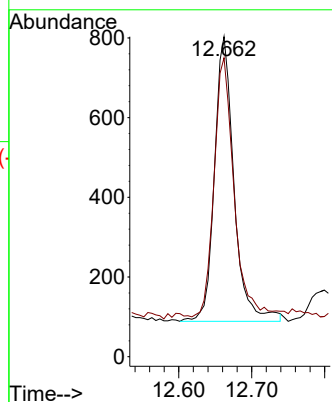
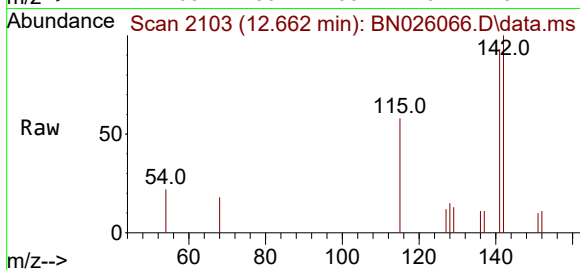
DCFS8

Tgt Ion:142 Resp: 1331

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4



#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.330 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

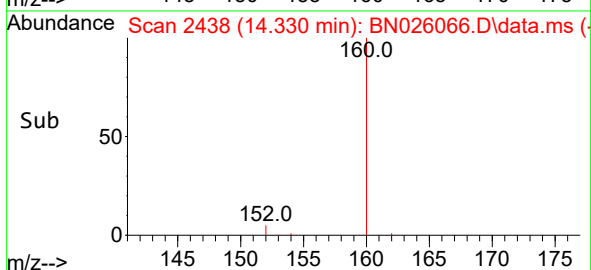
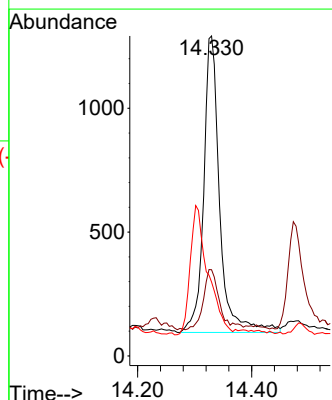
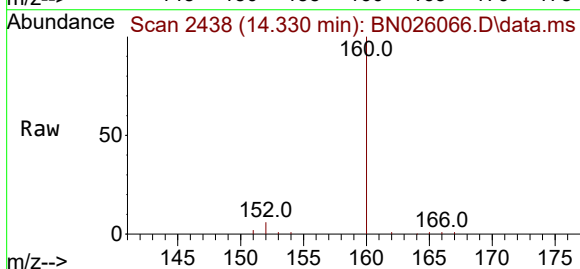
Tgt Ion:152 Resp: 2332

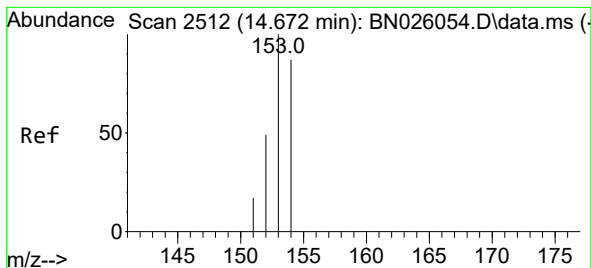
Ion Ratio Lower Upper

152 100

151 26.9 16.2 24.4#

153 23.1 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: BN026066.D

Acq: 28 Jun 2023 19:53

Instrument :

BNA_N

ClientSampleId :

DCFS8

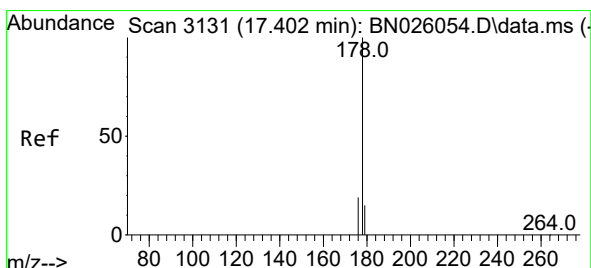
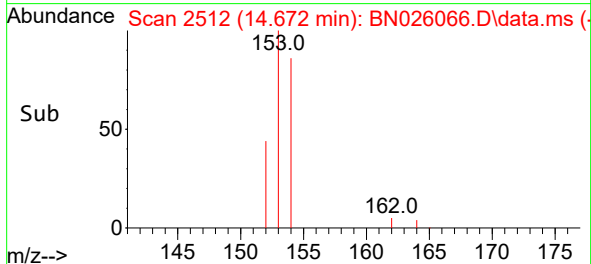
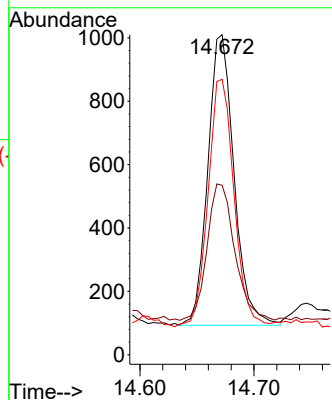
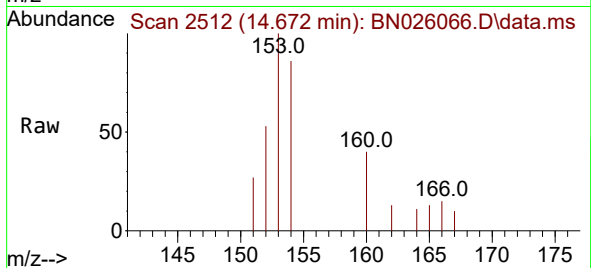
Tgt Ion:153 Resp: 1465

Ion Ratio Lower Upper

153 100

152 53.0 39.4 59.0

154 86.0 68.9 103.3



#15

Phenanthrene

Concen: 0.391 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

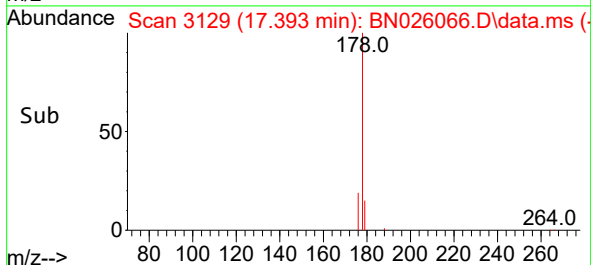
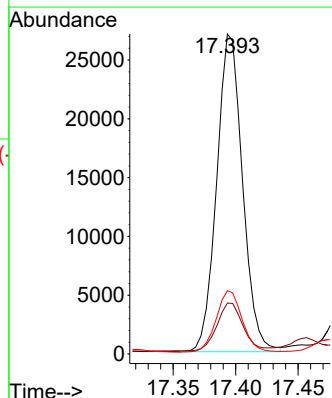
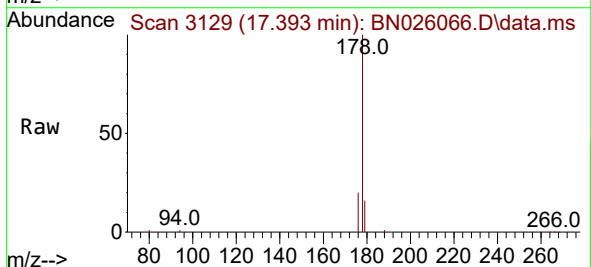
Tgt Ion:178 Resp: 38878

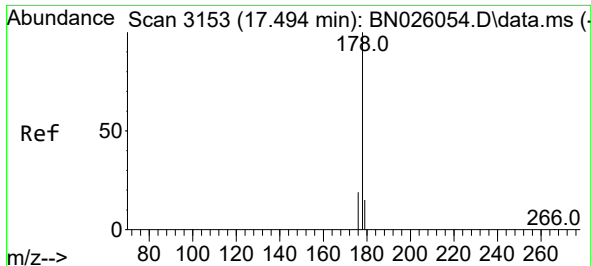
Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.8 15.8 23.6

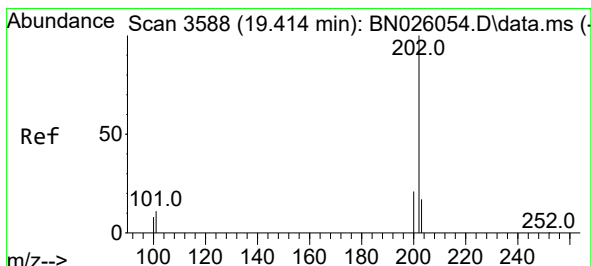
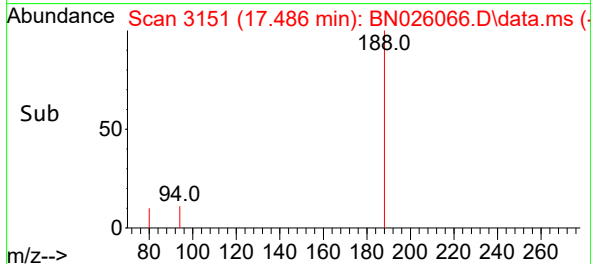
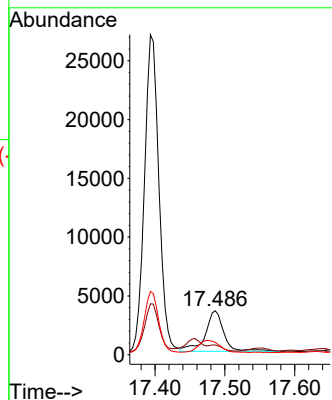
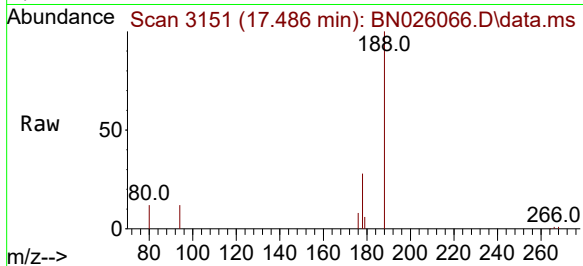




#16
 Anthracene
 Concen: 0.072 ng/ul
 RT: 17.486 min Scan# 3153
 Delta R.T. -0.008 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53

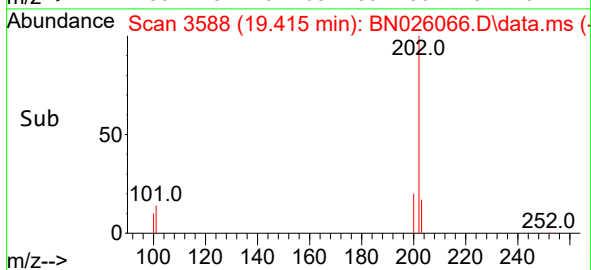
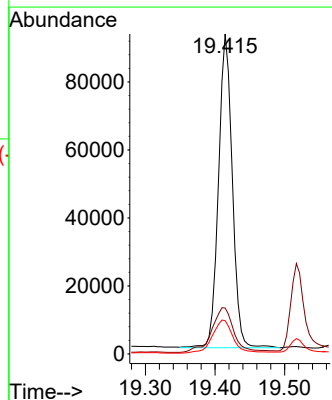
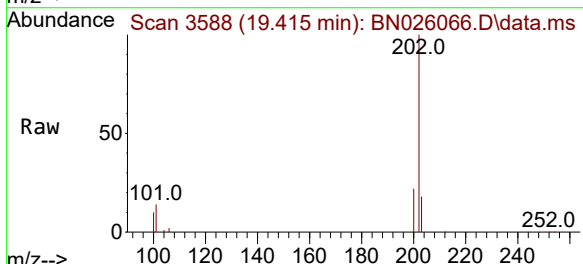
Instrument :
 BNA_N
 ClientSampleId :
 DCFS8

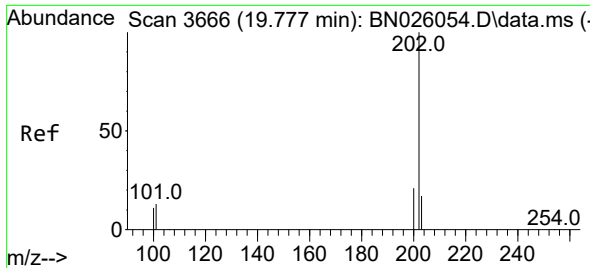
Tgt Ion:178 Resp: 6338
 Ion Ratio Lower Upper
 178 100
 179 21.9 12.6 18.8#
 176 28.0 15.1 22.7#



#19
 Fluoranthene
 Concen: 1.375 ng/ul
 RT: 19.415 min Scan# 3588
 Delta R.T. 0.000 min
 Lab File: BN026066.D
 Acq: 28 Jun 2023 19:53

Tgt Ion:202 Resp: 127252
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.5 14.3#
 100 10.4 7.3 10.9

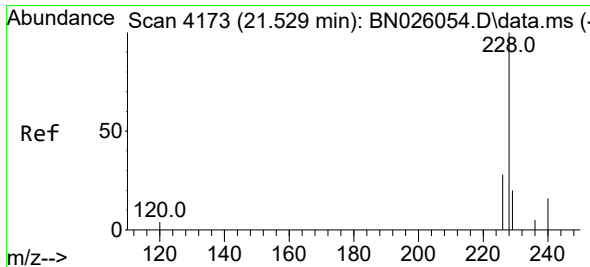
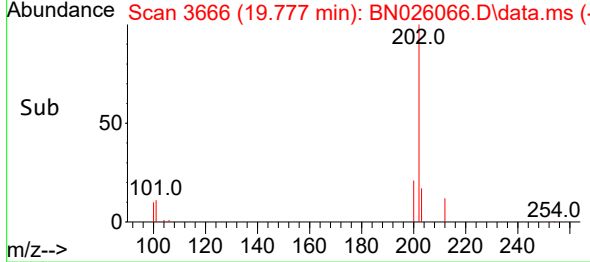
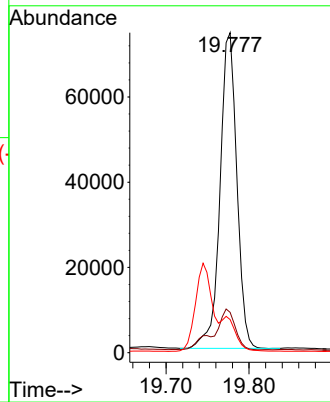
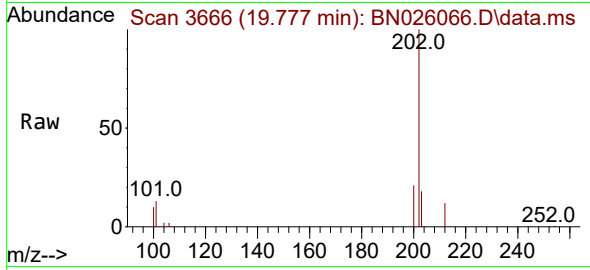




#20
Pyrene
Concen: 1.076 ng/ul
RT: 19.777 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

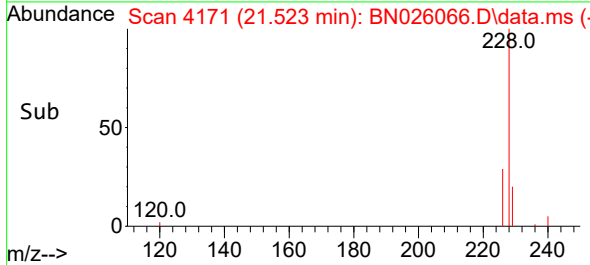
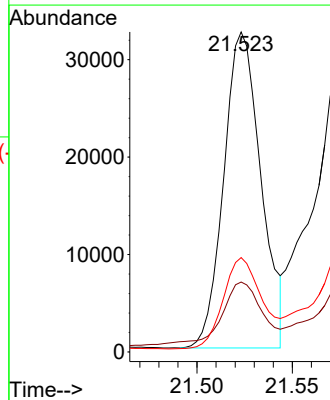
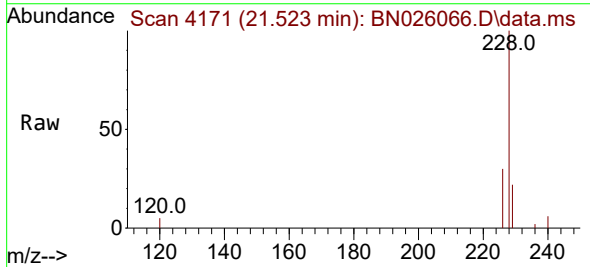
Instrument :
BNA_N
ClientSampleId :
DCFS8

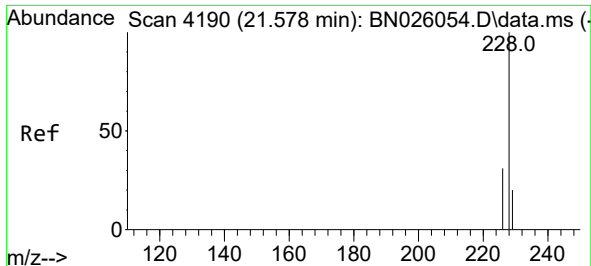
Tgt Ion:202 Resp: 103583
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.617 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

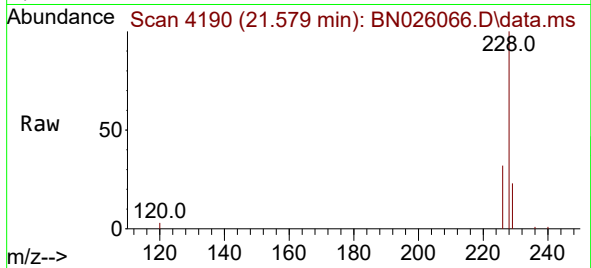
Tgt Ion:228 Resp: 44132
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 29.5 22.5 33.7



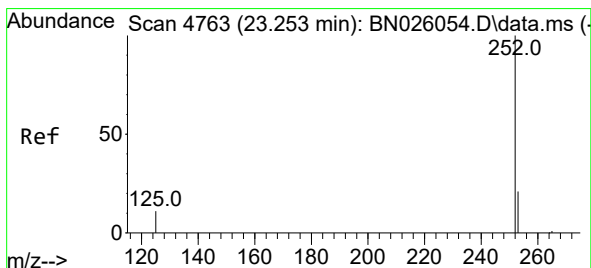
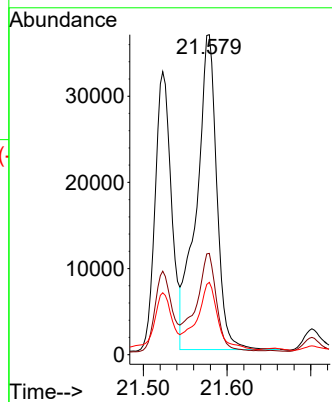
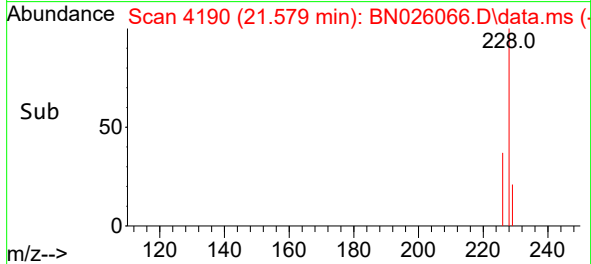


#22
Chrysene
Concen: 0.828 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

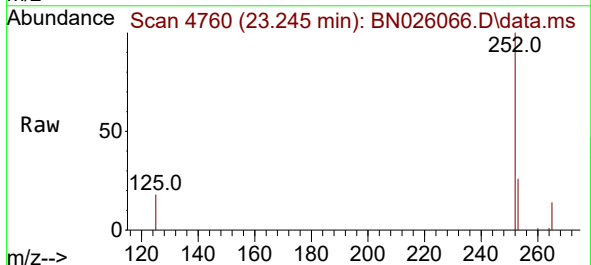
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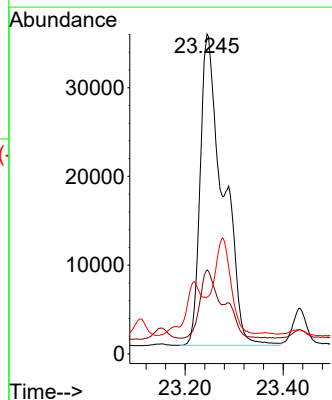
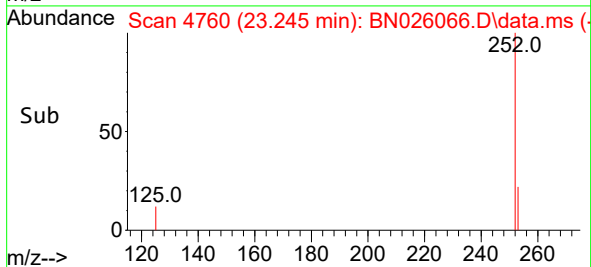
Tgt Ion:228 Resp: 61605
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.6 15.7 23.5

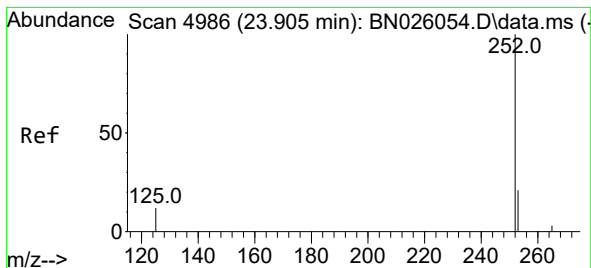


#24
Benzo(b)fluoranthene
Concen: 1.589 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53



Tgt Ion:252 Resp: 113607
Ion Ratio Lower Upper
252 100
253 26.3 0.0 55.6
125 17.8 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.755 ng/ul

RT: 23.882 min Scan# 4986

Delta R.T. -0.023 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

Instrument :

BNA_N

ClientSampleId :

DCFS8

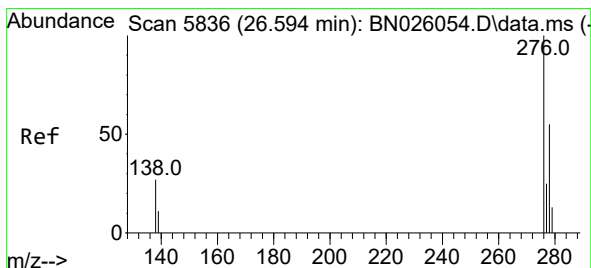
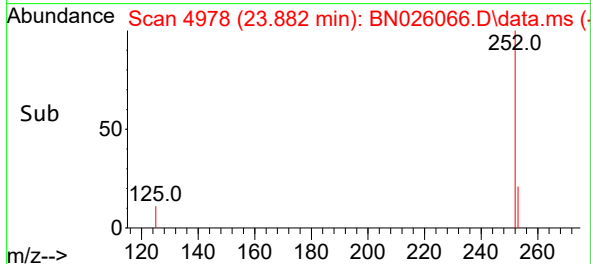
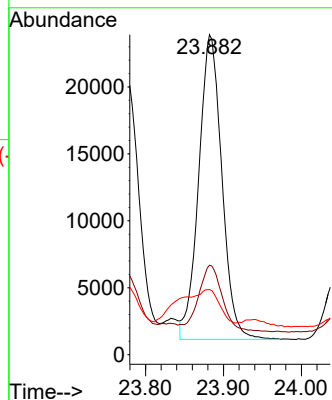
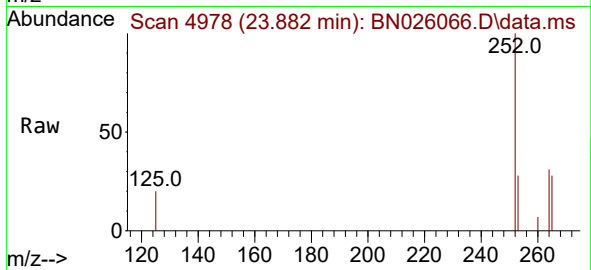
Tgt Ion:252 Resp: 46921

Ion Ratio Lower Upper

252 100

253 27.9 26.0 39.0

125 20.4 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.635 ng/ul

RT: 26.554 min Scan# 5824

Delta R.T. -0.040 min

Lab File: BN026066.D

Acq: 28 Jun 2023 19:53

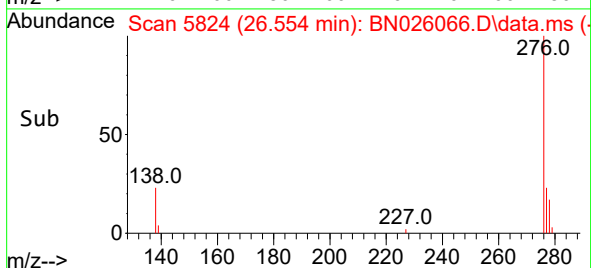
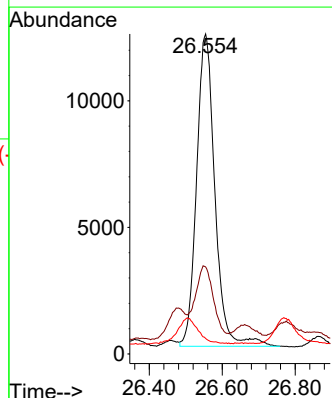
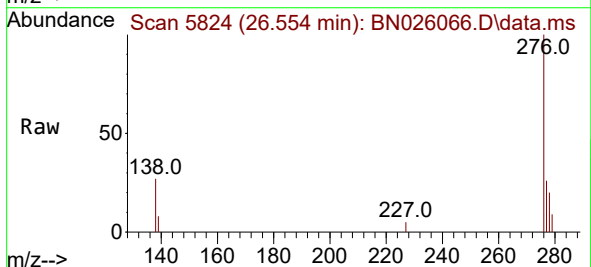
Tgt Ion:276 Resp: 43087

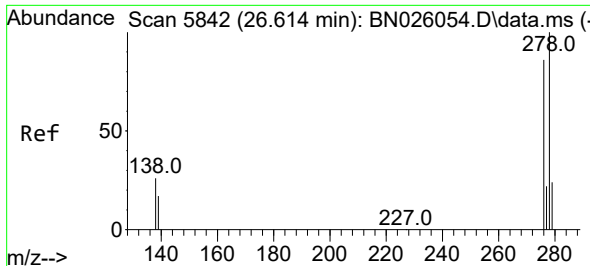
Ion Ratio Lower Upper

276 100

138 22.3 24.5 36.7#

227 0.0 0.0 0.0

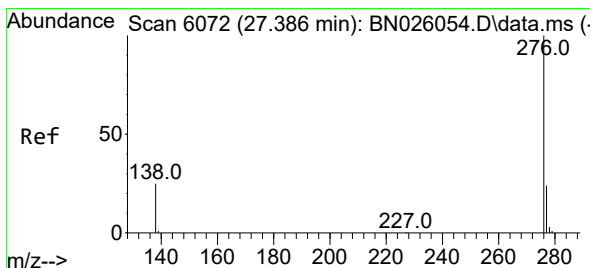
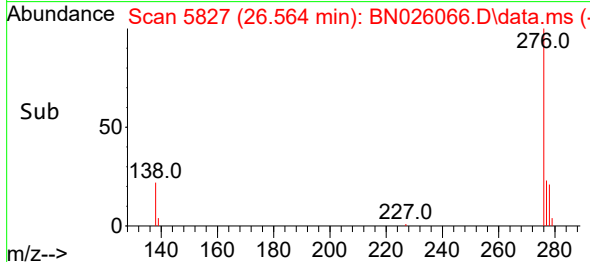
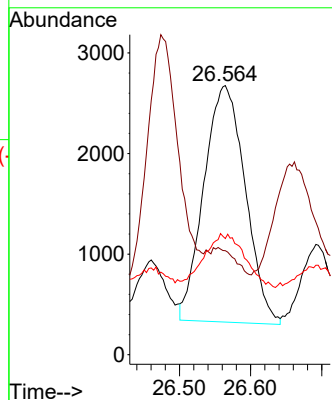
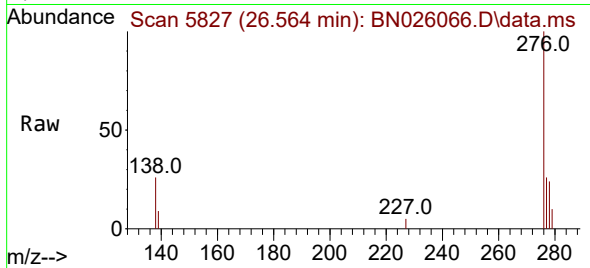




#28
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 26.564 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

Instrument :
BNA_N
ClientSampleId :
DCFS8

Tgt Ion:278 Resp: 9505
Ion Ratio Lower Upper
278 100
139 38.7 19.0 28.4#
279 43.2 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.040 min
Lab File: BN026066.D
Acq: 28 Jun 2023 19:53

Tgt Ion:276 Resp: 39539
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 25.4 20.0 30.0

