

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026153.D
 Acq On : 01 Jul 2023 16:02
 Operator : MA/JU
 Sample : 03239-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY1DL

Quant Time: Jul 01 22:35:28 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)

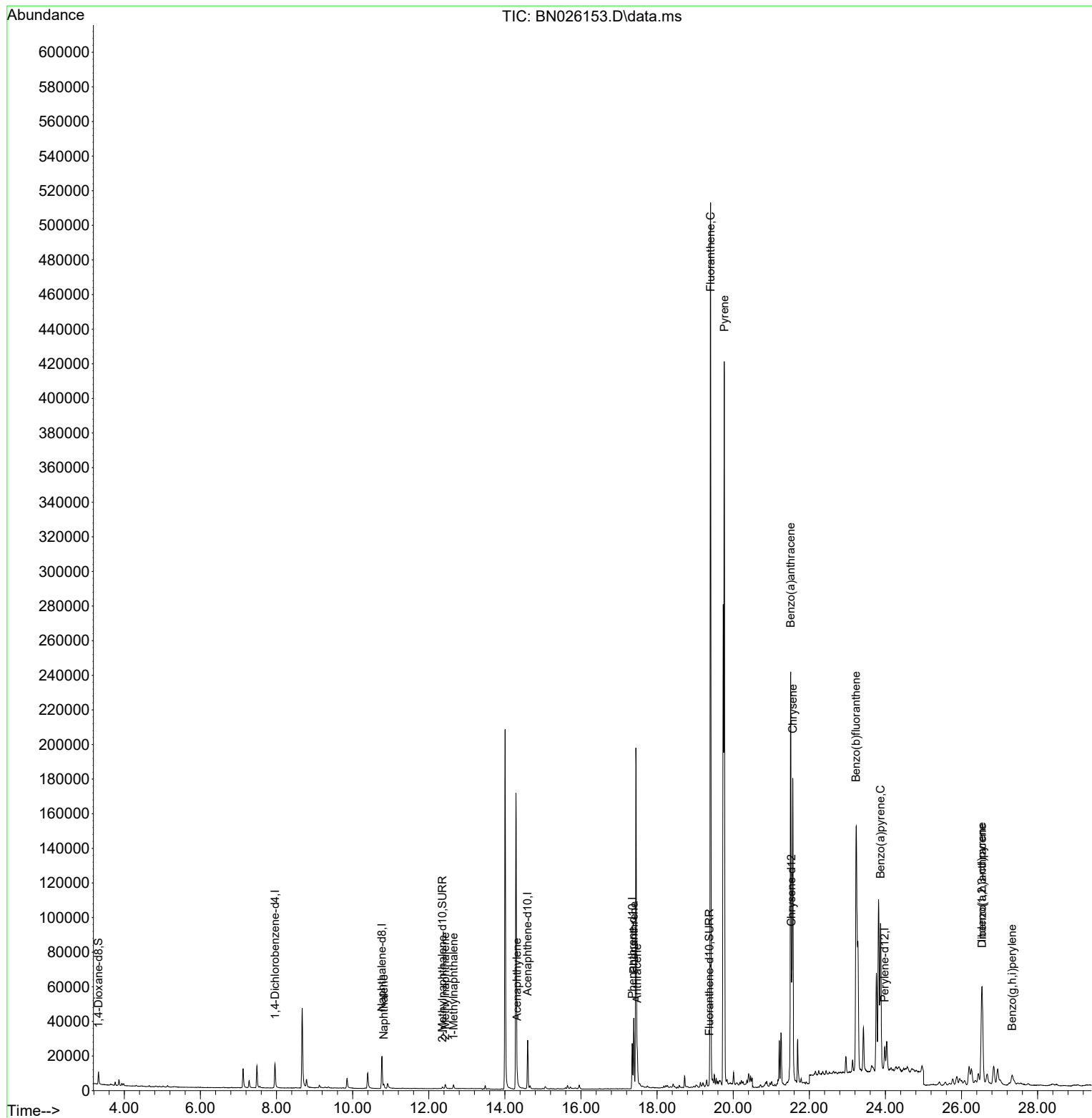
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	28545	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	16600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	32279	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	18101	0.400	ng/ul	-0.01
23) Perylene-d12	23.981	264	18015	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	4927	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	1540	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2804	0.041	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.820	128	3310	0.040	ng/ul#	90
7) 2-Methylnaphthalene	12.437	142	2220	0.043	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	1670	0.031	ng/ul	99
10) Acenaphthylene	14.320	152	5837	0.075	ng/ul#	94
15) Phenanthrene	17.389	178	46295	0.434	ng/ul	100
16) Anthracene	17.478	178	19159	0.202	ng/ul	97
19) Fluoranthene	19.405	202	460442	4.762	ng/ul	96
20) Pyrene	19.768	202	365112	3.631	ng/ul	95
21) Benzo(a)anthracene	21.511	228	218581	2.927	ng/ul	99
22) Chrysene	21.564	228	190786	2.455	ng/ul	97
24) Benzo(b)fluoranthene	23.230	252	373722	4.860	ng/ul	90
26) Benzo(a)pyrene	23.870	252	133673	2.002	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.534	276	103840	1.424	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.544	278	26693	0.484	ng/ul	99
29) Benzo(g,h,i)perylene	27.329	276	13754	0.212	ng/ul#	89

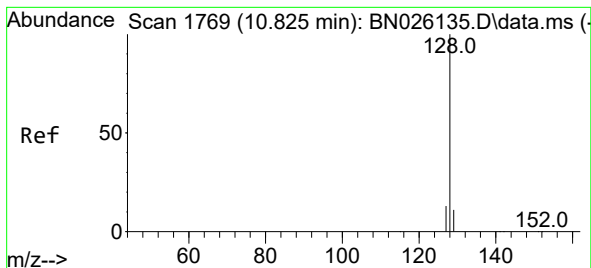
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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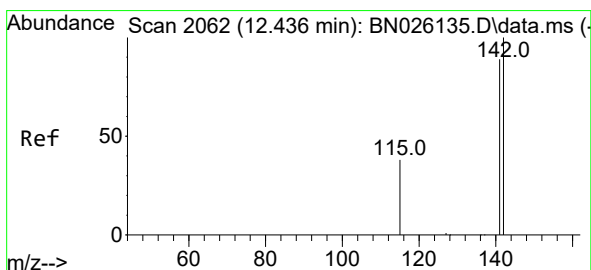
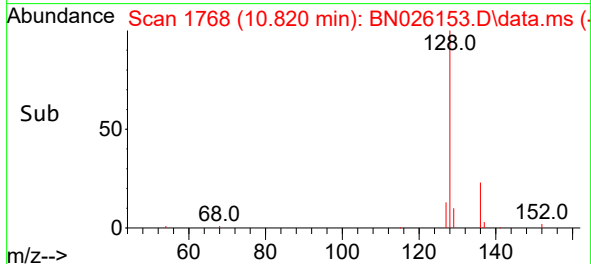
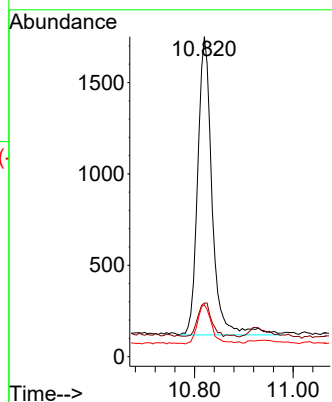
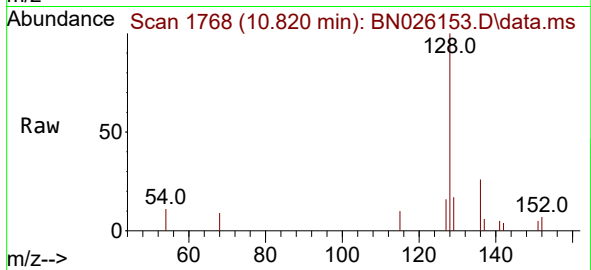




#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

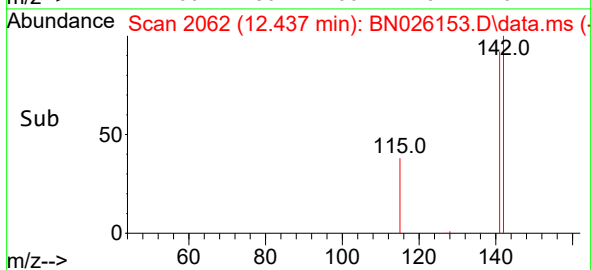
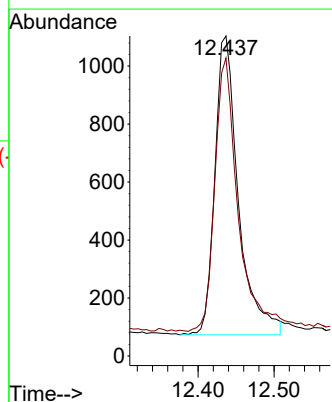
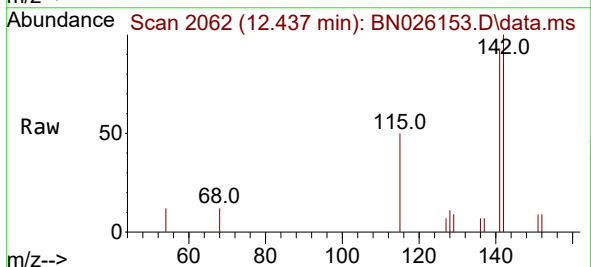
Instrument :
BNA_N
ClientSampleId :
DCFY1DL

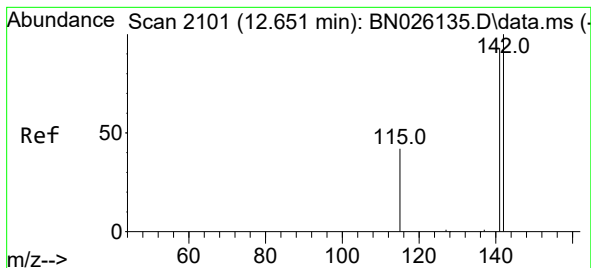
Tgt Ion:128 Resp: 3310
Ion Ratio Lower Upper
128 100
129 16.7 9.1 13.7#
127 16.2 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.437 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

Tgt Ion:142 Resp: 2220
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

Instrument :

BNA_N

ClientSampleId :

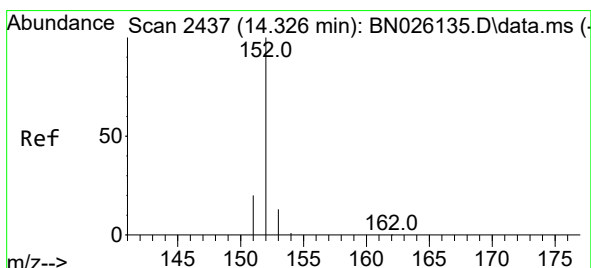
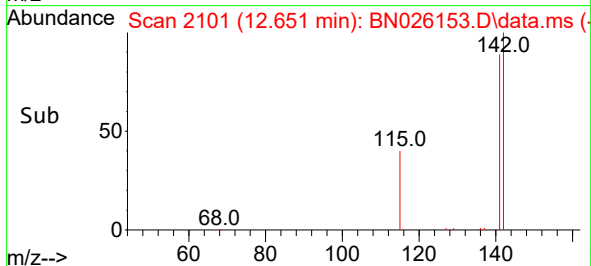
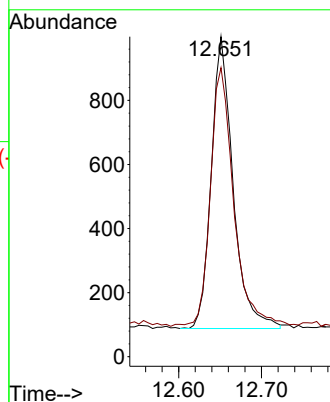
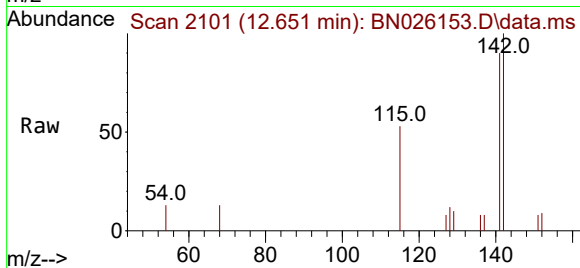
DCFY1DL

Tgt Ion:142 Resp: 1670

Ion Ratio Lower Upper

142 100

141 93.6 74.2 111.4



#10

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

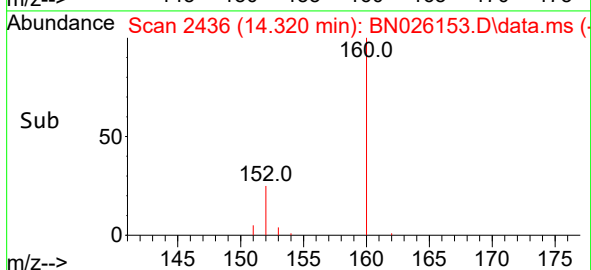
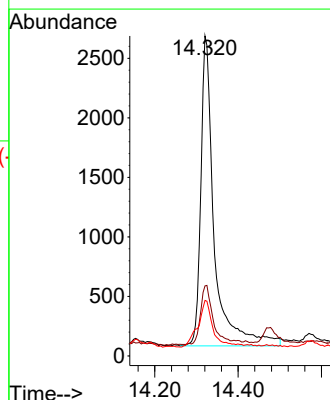
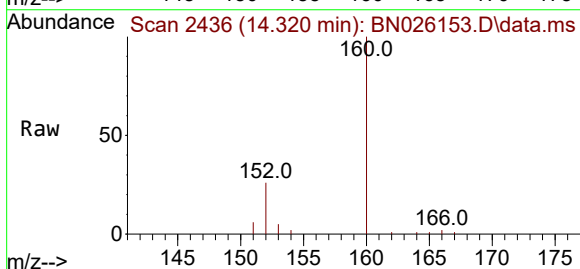
Tgt Ion:152 Resp: 5837

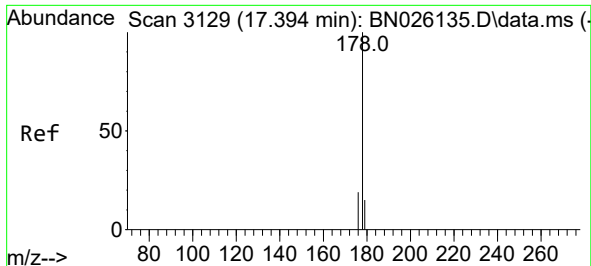
Ion Ratio Lower Upper

152 100

151 21.9 16.2 24.4

153 17.3 10.9 16.3#

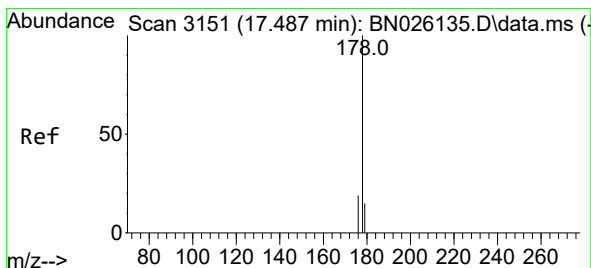
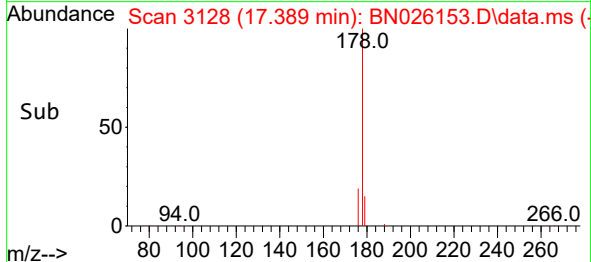
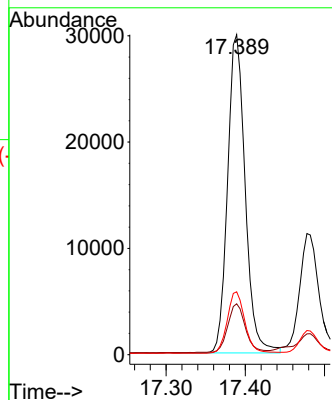
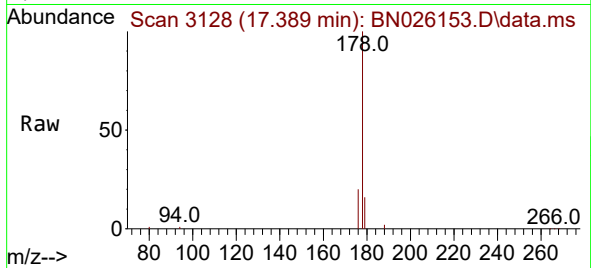




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

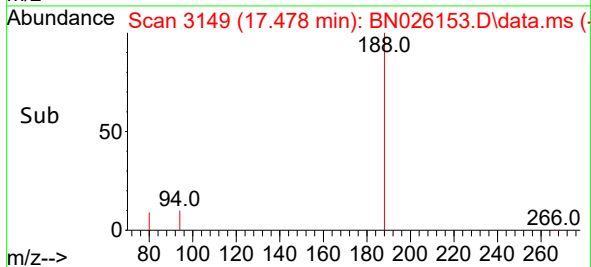
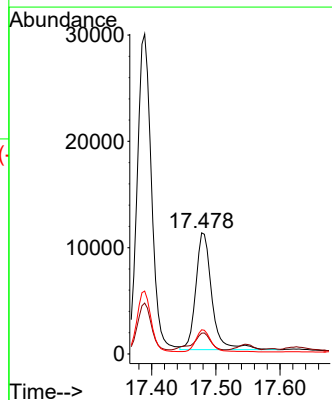
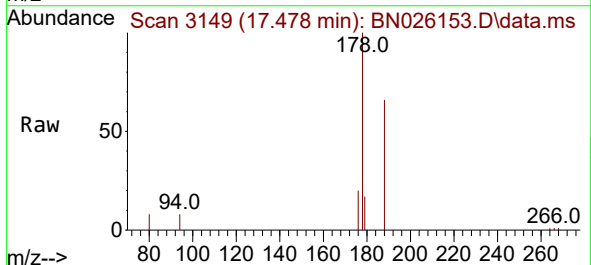
Instrument :
BNA_N
ClientSampleId :
DCFY1DL

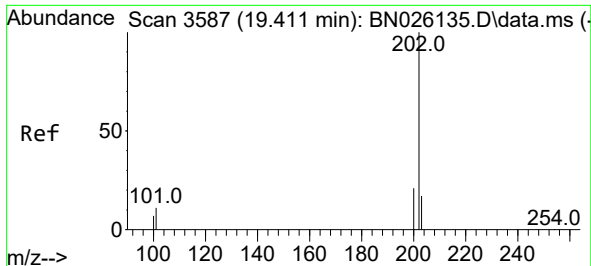
Tgt Ion:178 Resp: 46295
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.202 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

Tgt Ion:178 Resp: 19159
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.9 15.1 22.7

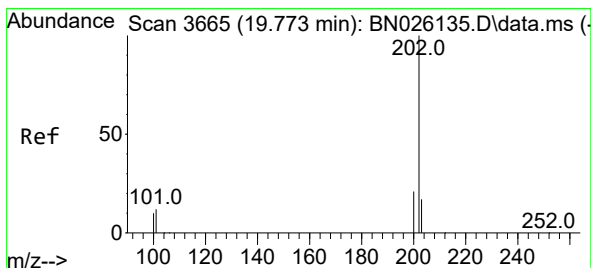
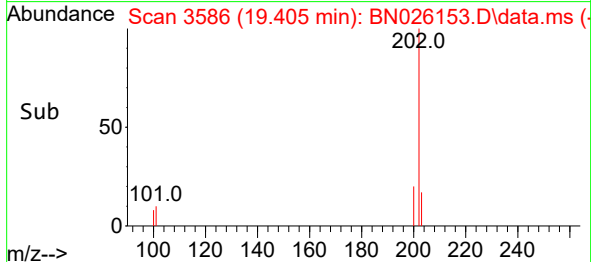
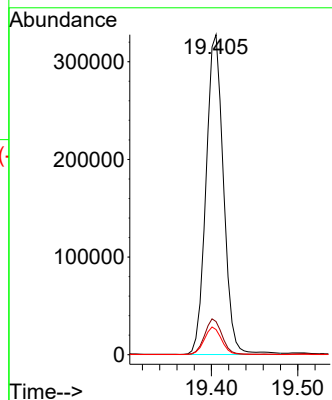
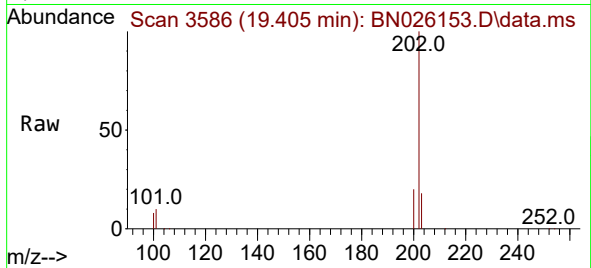




#19
Fluoranthene
Concen: 4.762 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

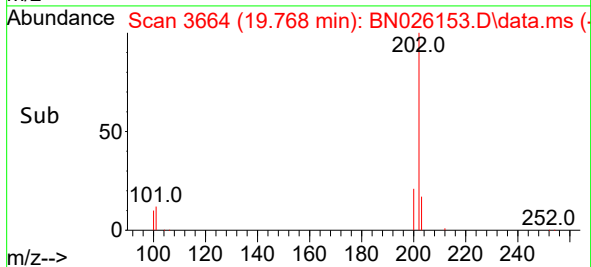
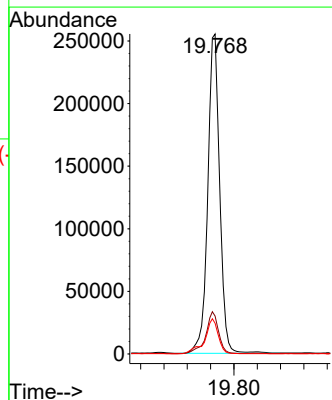
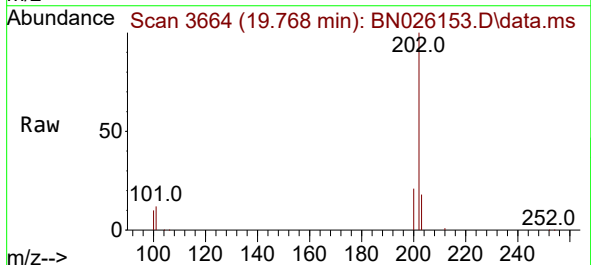
Instrument :
BNA_N
ClientSampleId :
DCFY1DL

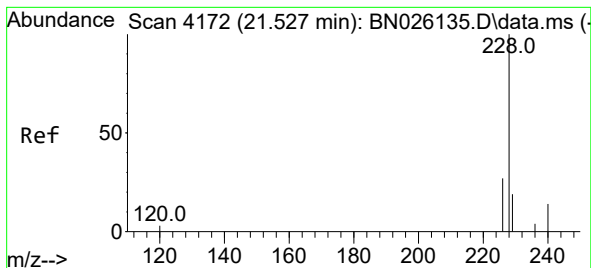
Tgt Ion:202 Resp: 460442
Ion Ratio Lower Upper
202 100
101 10.3 9.5 14.3
100 7.9 7.3 10.9



#20
Pyrene
Concen: 3.631 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

Tgt Ion:202 Resp: 365112
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.6 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.927 ng/ul

RT: 21.511 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

Instrument :

BNA_N

ClientSampleId :

DCFY1DL

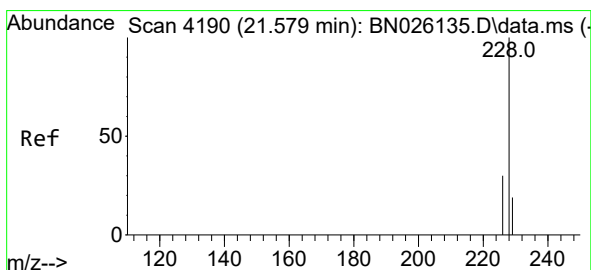
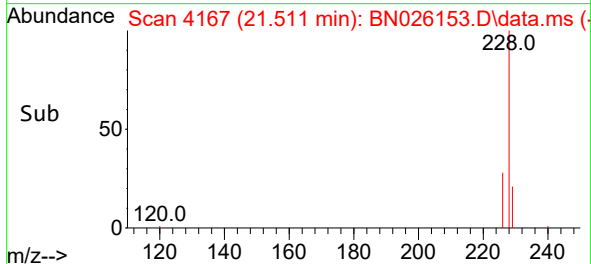
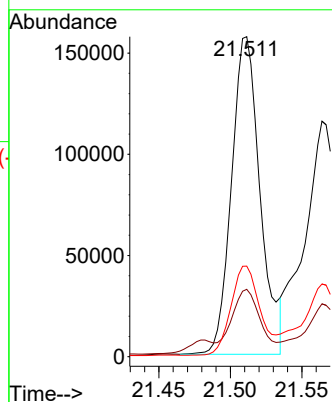
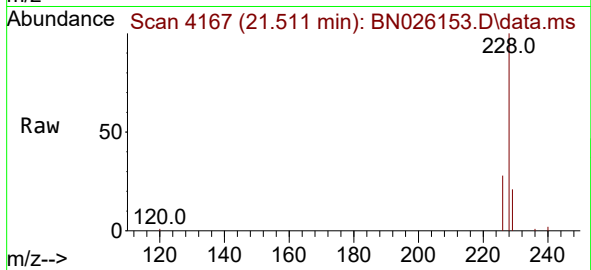
Tgt Ion:228 Resp: 218581

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 28.3 22.5 33.7



#22

Chrysene

Concen: 2.455 ng/ul

RT: 21.564 min Scan# 4185

Delta R.T. -0.015 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

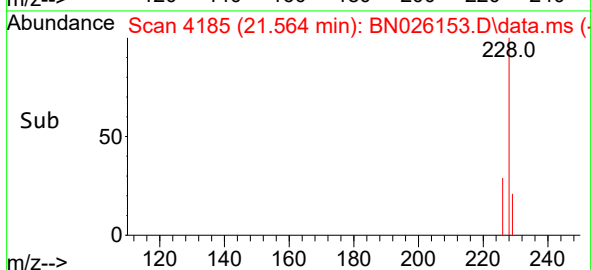
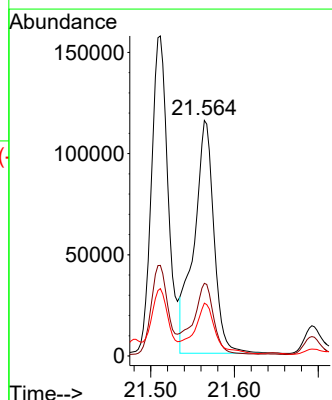
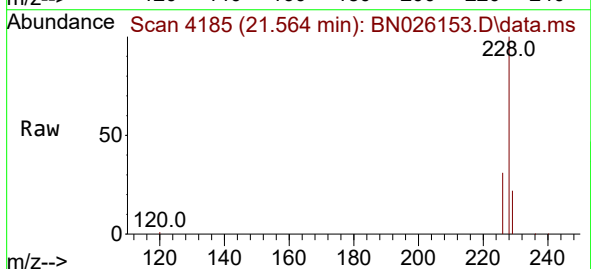
Tgt Ion:228 Resp: 190786

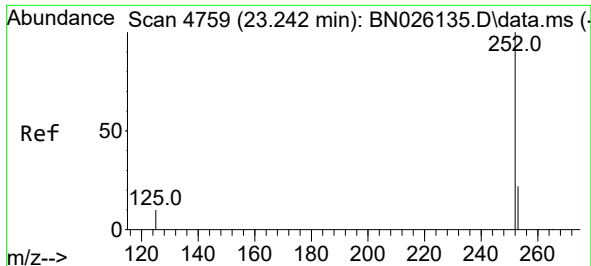
Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

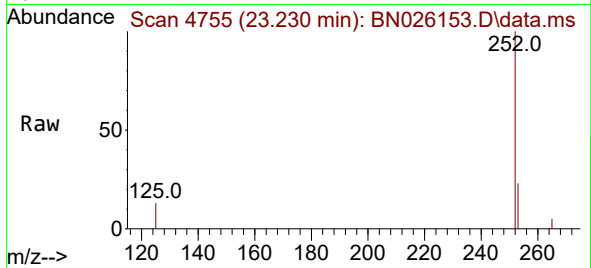
229 22.5 15.7 23.5



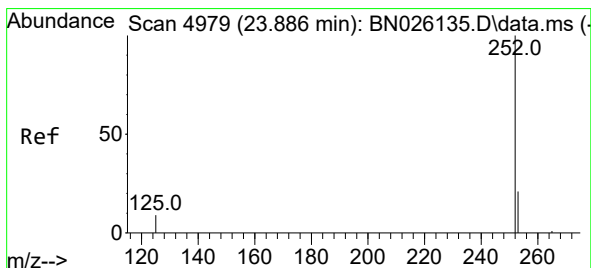
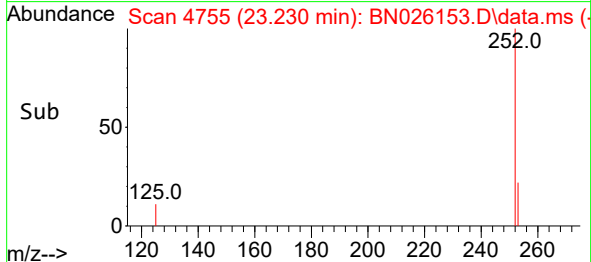
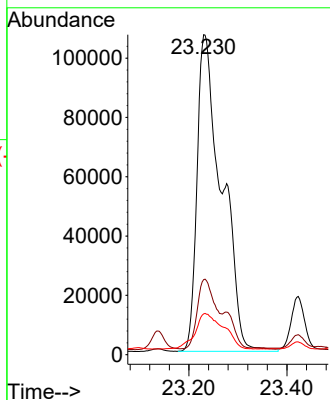


#24
Benzo(b)fluoranthene
Concen: 4.860 ng/ul
RT: 23.230 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFY1DL

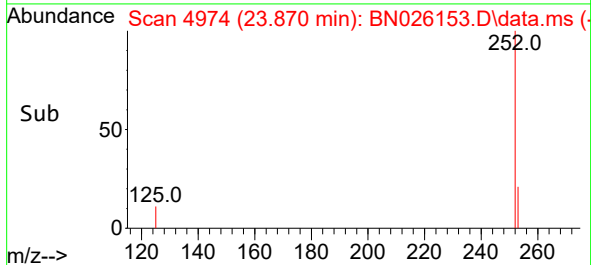
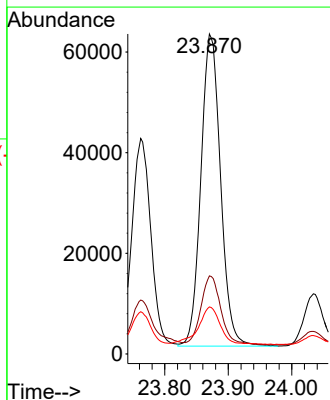
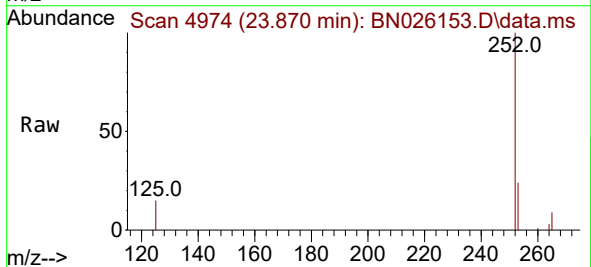


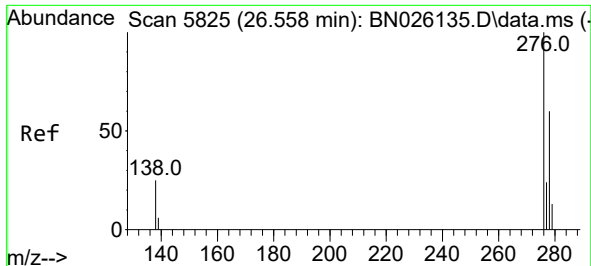
Tgt Ion:252 Resp: 373722
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 12.8 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.002 ng/ul
RT: 23.870 min Scan# 4974
Delta R.T. -0.015 min
Lab File: BN026153.D
Acq: 01 Jul 2023 16:02

Tgt Ion:252 Resp: 133673
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0#
125 14.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.424 ng/ul

RT: 26.534 min Scan# 5818

Delta R.T. -0.024 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

Instrument :

BNA_N

ClientSampleId :

DCFY1DL

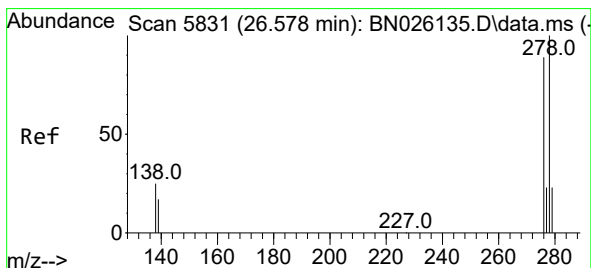
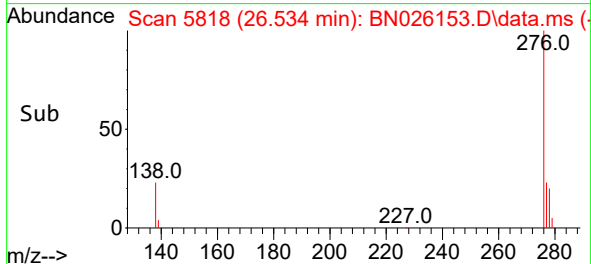
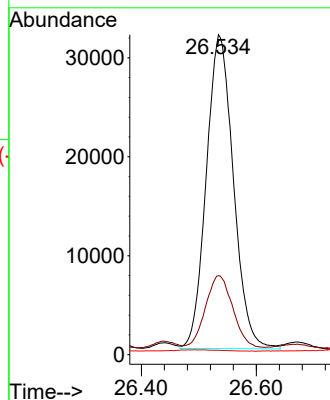
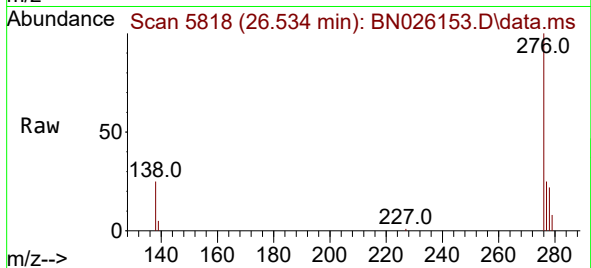
Tgt Ion:276 Resp: 103840

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: 0.484 ng/ul

RT: 26.544 min Scan# 5821

Delta R.T. -0.034 min

Lab File: BN026153.D

Acq: 01 Jul 2023 16:02

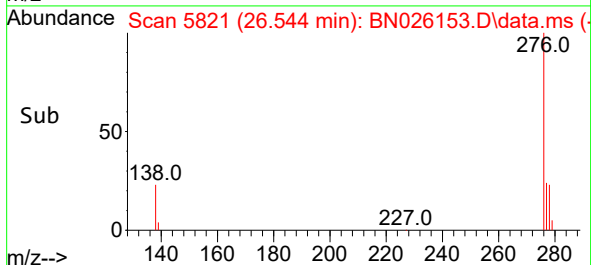
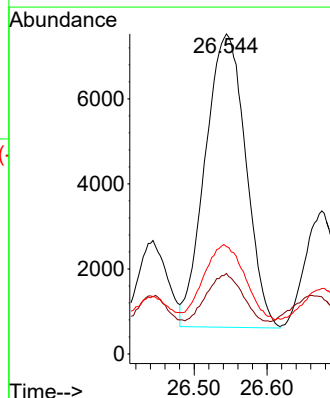
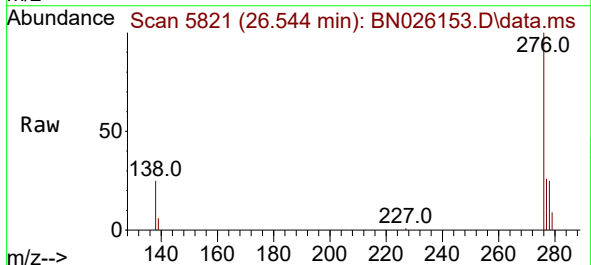
Tgt Ion:278 Resp: 26693

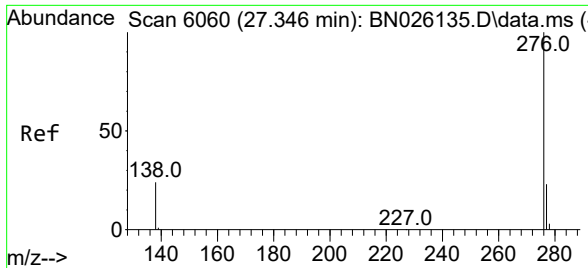
Ion Ratio Lower Upper

278 100

139 25.1 19.0 28.4

279 33.6 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.212 ng/ul
 RT: 27.329 min Scan# 6055
 Delta R.T. -0.017 min
 Lab File: BN026153.D
 Acq: 01 Jul 2023 16:02

Instrument :
 BNA_N
 ClientSampleId :
 DCFY1DL

Tgt Ion:276 Resp: 13754
 Ion Ratio Lower Upper
 276 100
 138 34.1 23.4 35.0
 277 31.8 20.0 30.0#

