

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026154.D
 Acq On : 01 Jul 2023 16:39
 Operator : MA/JU
 Sample : 03239-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY2DL

Quant Time: Jul 01 22:35:38 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)

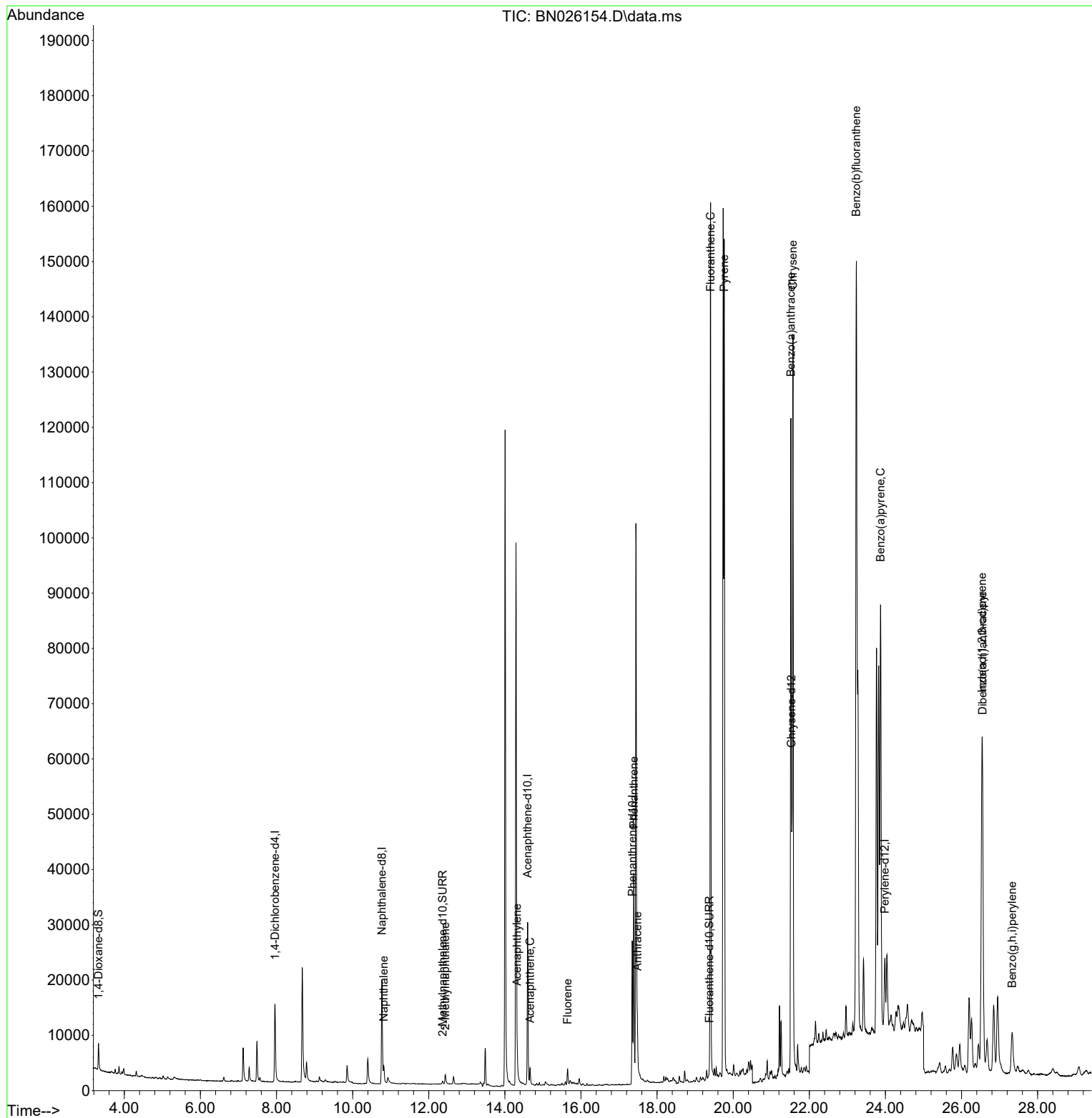
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	29615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	17030	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	32414	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18747	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	19131	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3304	0.321	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	939	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	1672	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	4091	0.048	ng/ul#	93
7) 2-Methylnaphthalene	12.436	142	1680	0.031	ng/ul	98
10) Acenaphthylene	14.320	152	3893	0.049	ng/ul#	92
11) Acenaphthene	14.663	153	1799	0.028	ng/ul	98
12) Fluorene	15.648	166	2112	0.028	ng/ul#	95
15) Phenanthrene	17.389	178	44255	0.413	ng/ul	100
16) Anthracene	17.482	178	9513	0.100	ng/ul#	94
19) Fluoranthene	19.405	202	140438	1.403	ng/ul	97
20) Pyrene	19.763	202	132806	1.275	ng/ul	98
21) Benzo(a)anthracene	21.514	228	108834	1.407	ng/ul	99
22) Chrysene	21.570	228	142936	1.776	ng/ul	98
24) Benzo(b)fluoranthene	23.236	252	326890	4.003	ng/ul	91
26) Benzo(a)pyrene	23.873	252	120535	1.700	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.541	276	107509	1.388	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.551	278	35035	0.598	ng/ul	96
29) Benzo(g,h,i)perylene	27.329	276	19013	0.276	ng/ul	94

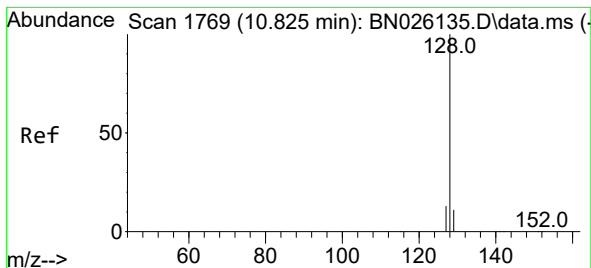
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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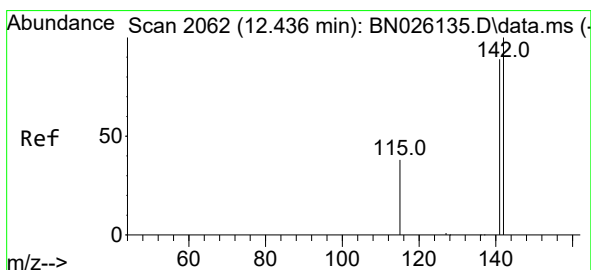
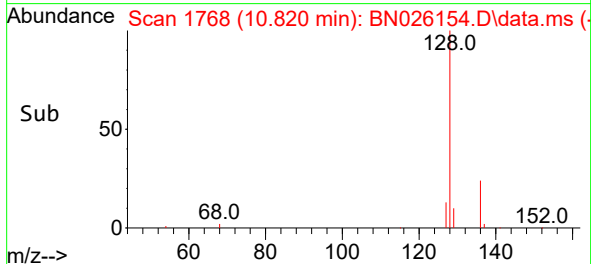
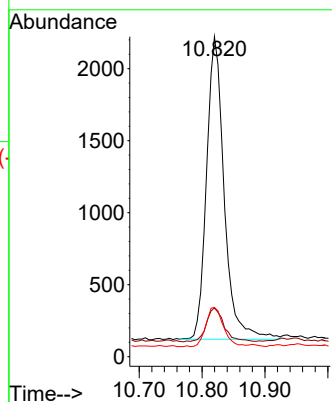
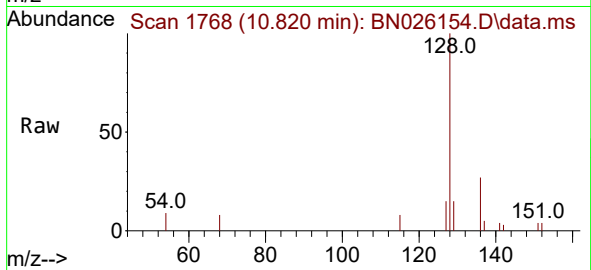




#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

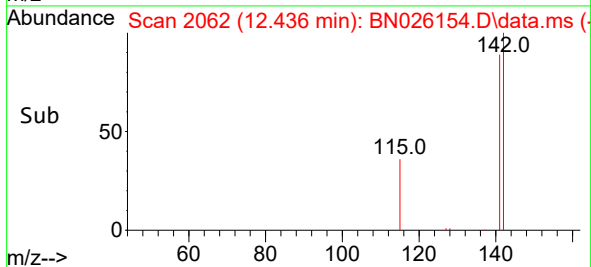
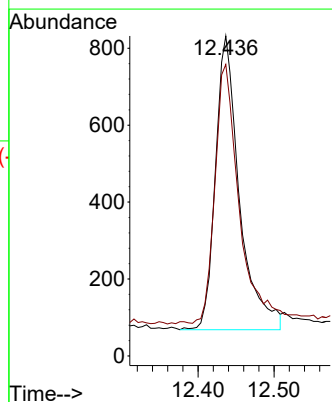
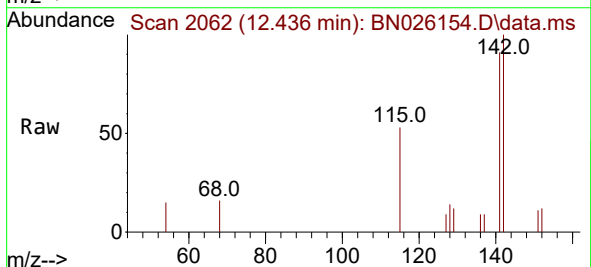
Instrument :
BNA_N
ClientSampleId :
DCFY2DL

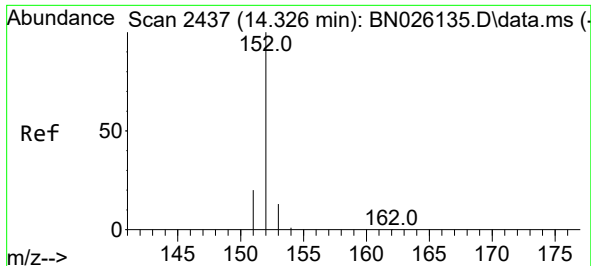
Tgt Ion:128 Resp: 4091
Ion Ratio Lower Upper
128 100
129 15.3 9.1 13.7#
127 15.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:142 Resp: 1680
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9

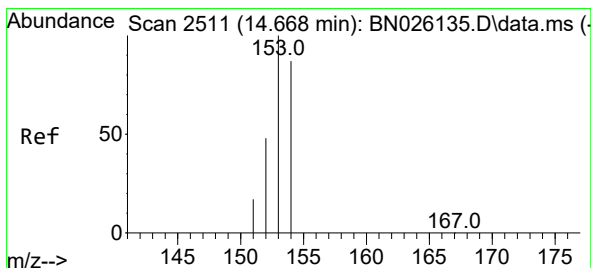
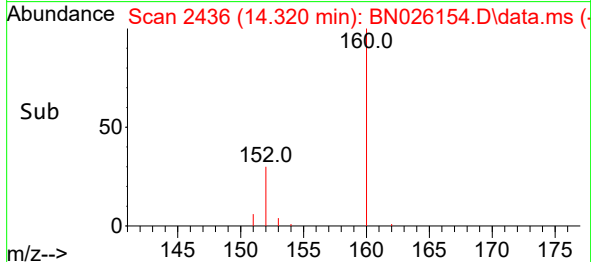
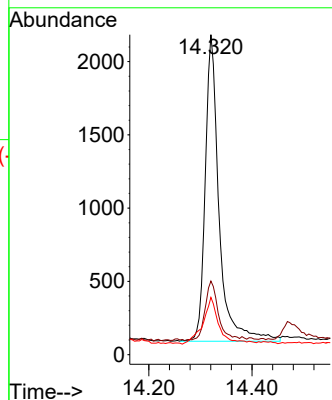
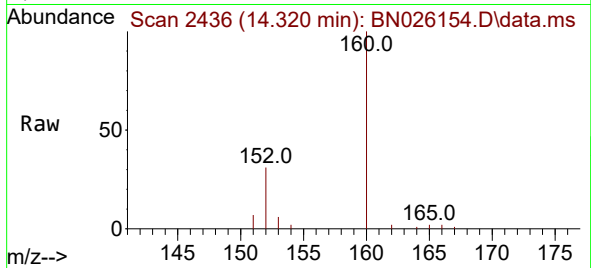




#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.320 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

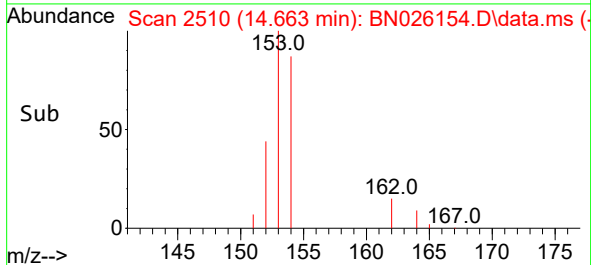
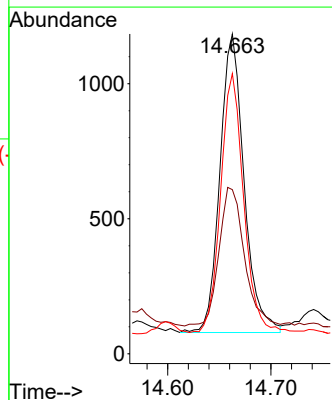
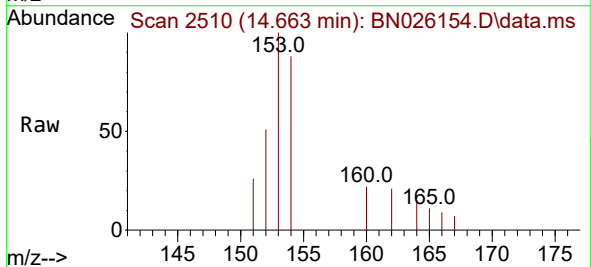
Instrument :
BNA_N
ClientSampleId :
DCFY2DL

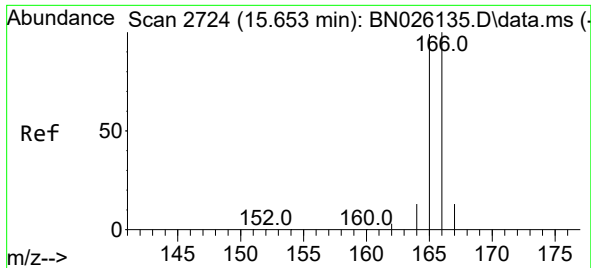
Tgt Ion:152 Resp: 3893
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.4
153 17.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:153 Resp: 1799
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 87.6 68.9 103.3

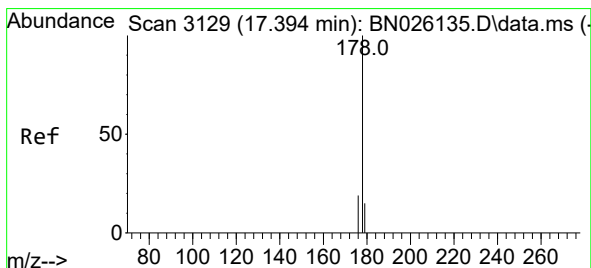
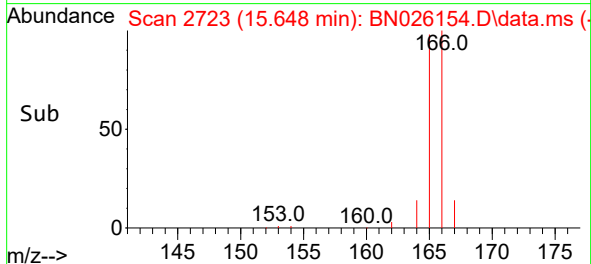
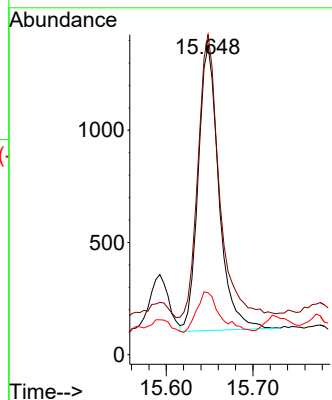
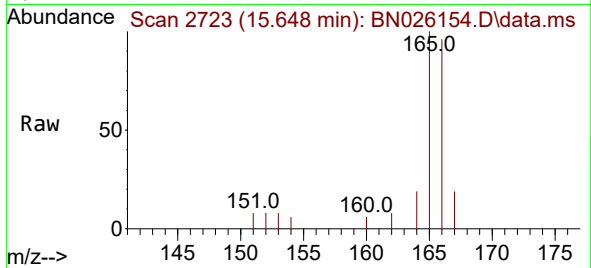




#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.648 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

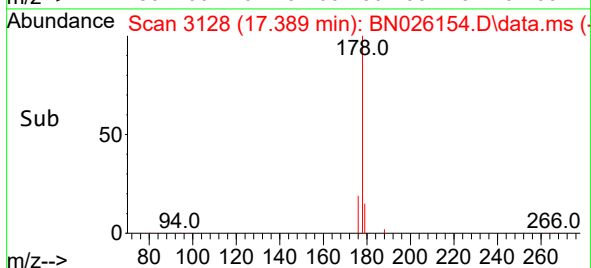
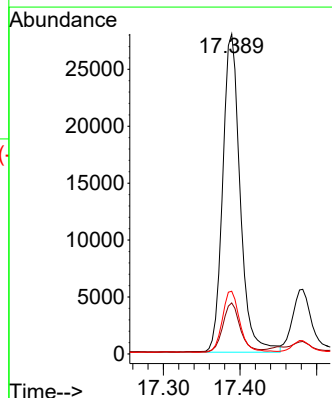
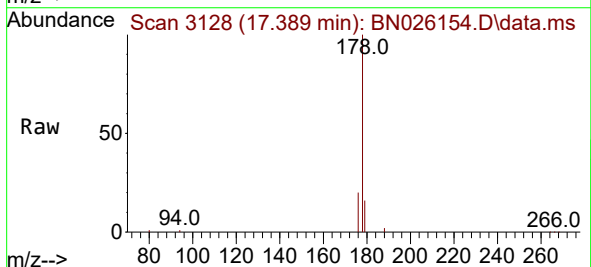
Instrument :
BNA_N
ClientSampleId :
DCFY2DL

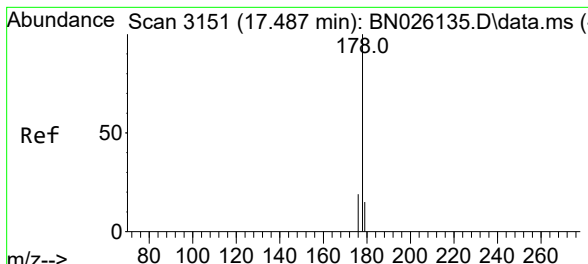
Tgt Ion:166 Resp: 2112
Ion Ratio Lower Upper
166 100
165 103.6 79.9 119.9
167 20.1 10.8 16.2#



#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:178 Resp: 44255
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.6 15.8 23.6

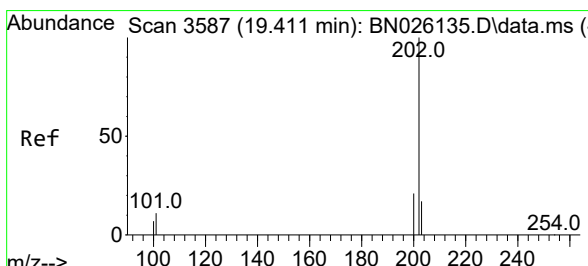
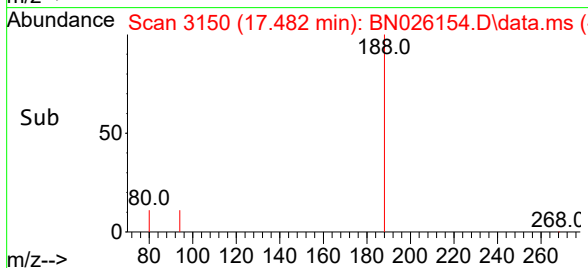
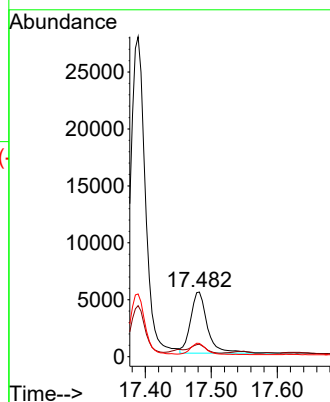
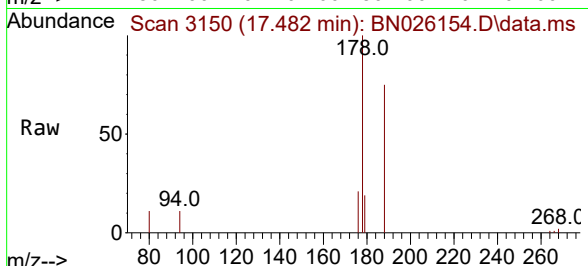




#16
 Anthracene
 Concen: 0.100 ng/ul
 RT: 17.482 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

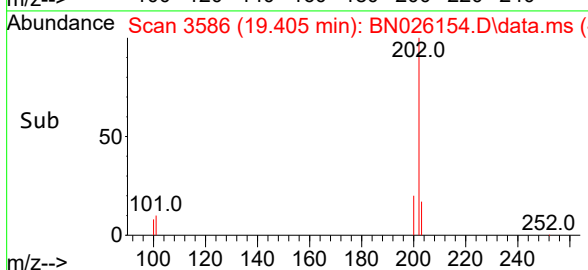
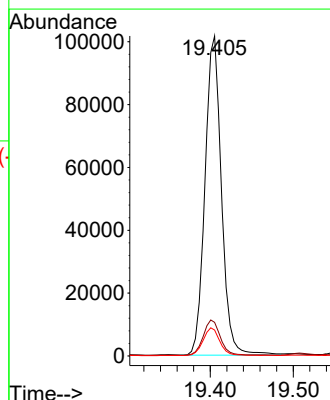
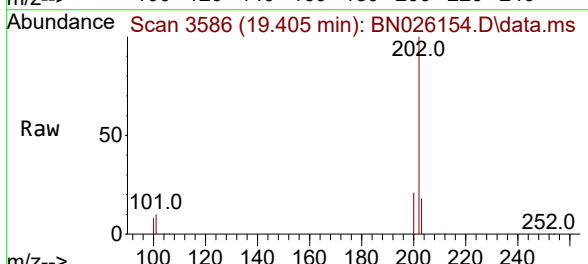
Instrument :
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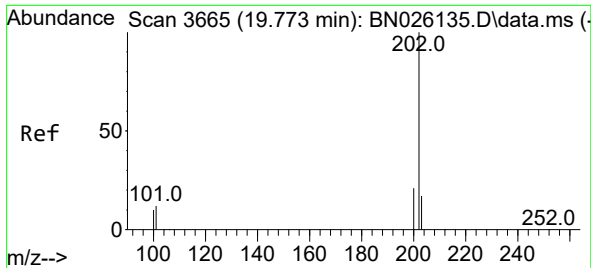
Tgt Ion:178 Resp: 9513
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.6 18.8#
 176 20.6 15.1 22.7



#19
 Fluoranthene
 Concen: 1.403 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

Tgt Ion:202 Resp: 140438
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.5 14.3
 100 8.1 7.3 10.9

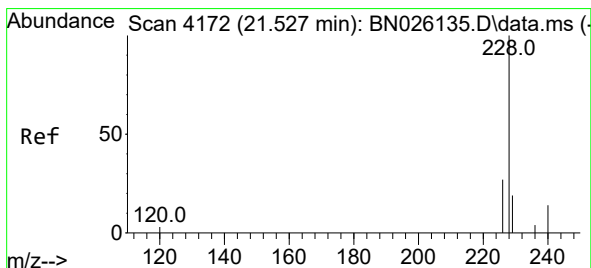
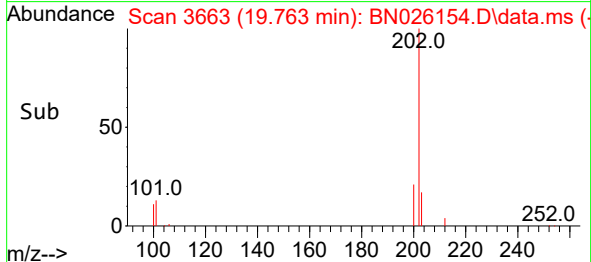
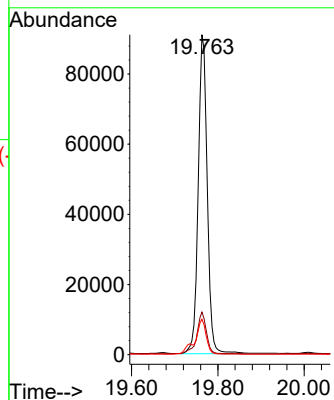
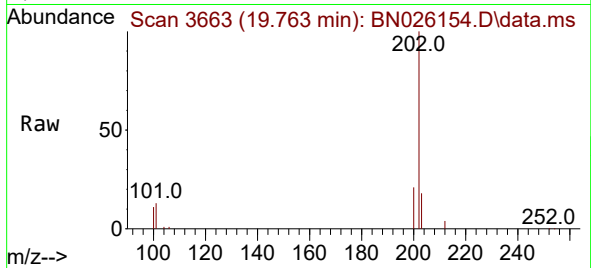




#20
Pyrene
Concen: 1.275 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

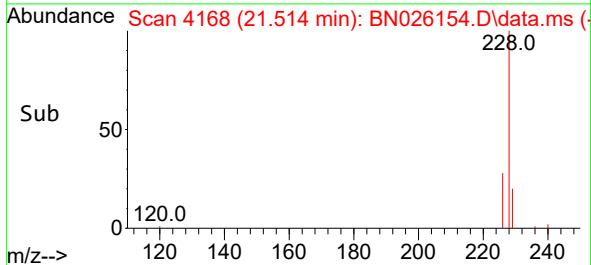
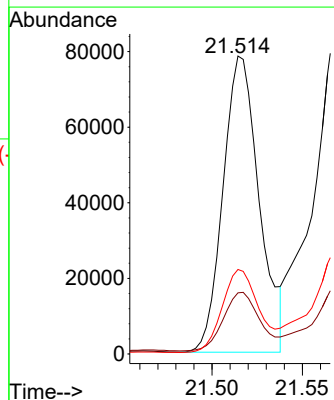
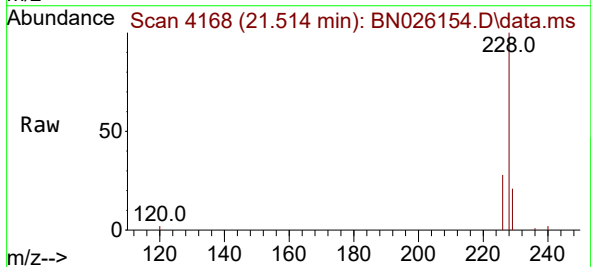
Instrument :
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ClientSampleId :
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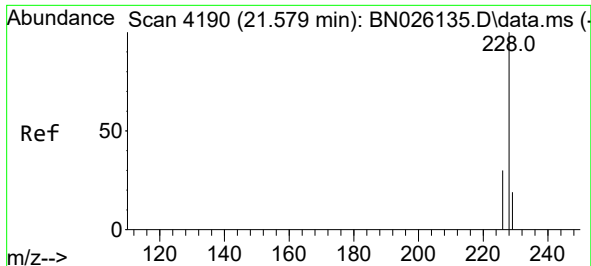
Tgt Ion:202 Resp: 132806
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.1 9.1 13.7



#21
Benzo(a)anthracene
Concen: 1.407 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:228 Resp: 108834
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.4 22.5 33.7





#22

Chrysene

Concen: 1.776 ng/ul

RT: 21.570 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN026154.D

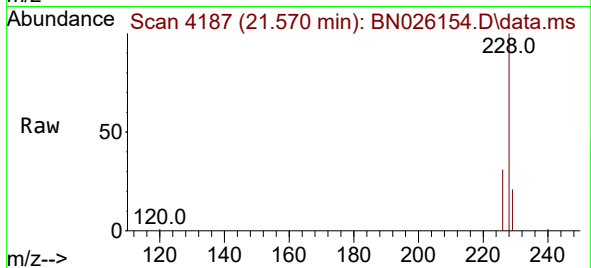
Acq: 01 Jul 2023 16:39

Instrument :

BNA_N

ClientSampleId :

DCFY2DL



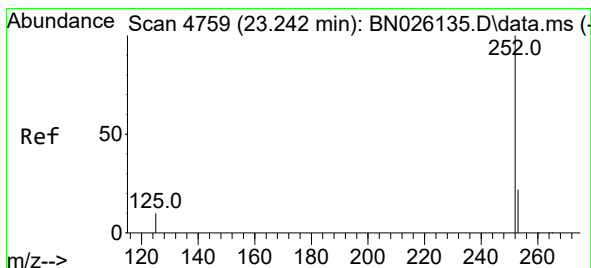
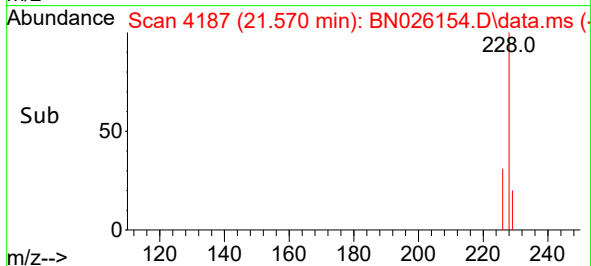
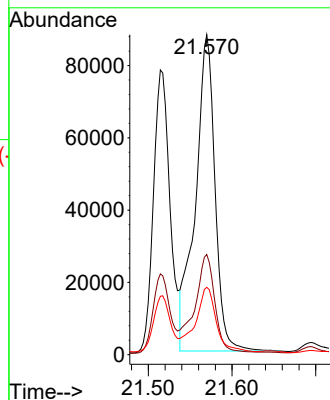
Tgt Ion:228 Resp: 142936

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 21.0 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 4.003 ng/ul

RT: 23.236 min Scan# 4757

Delta R.T. -0.007 min

Lab File: BN026154.D

Acq: 01 Jul 2023 16:39

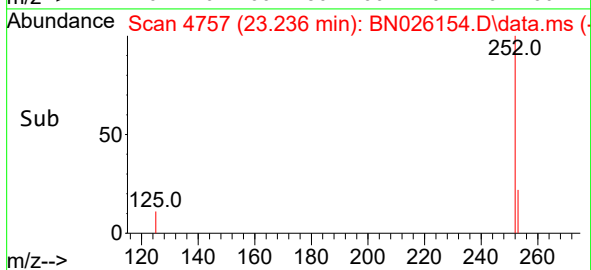
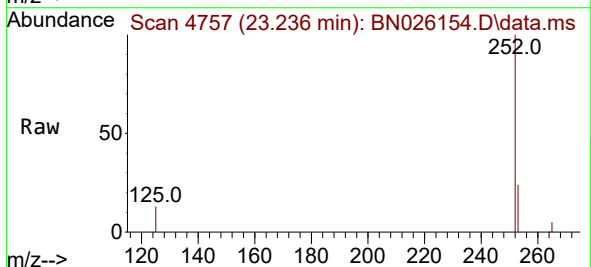
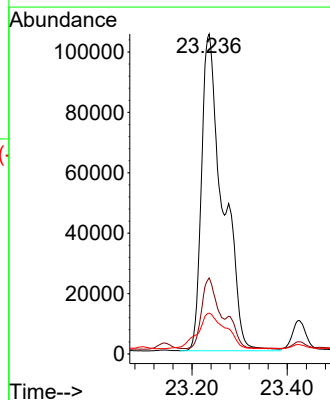
Tgt Ion:252 Resp: 326890

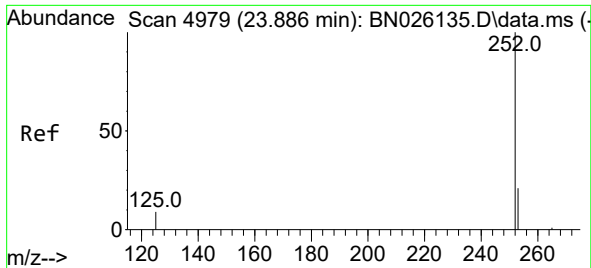
Ion Ratio Lower Upper

252 100

253 23.8 0.0 55.6

125 12.7 0.0 35.8

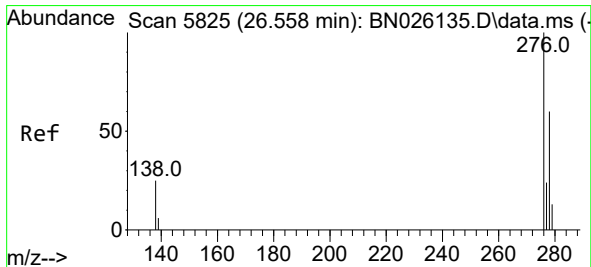
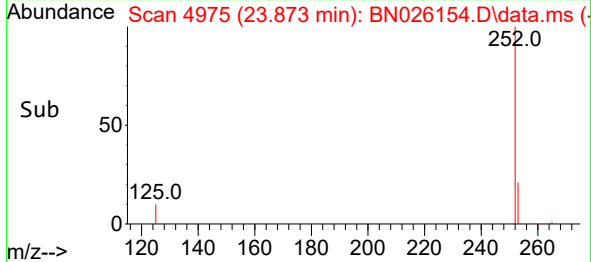
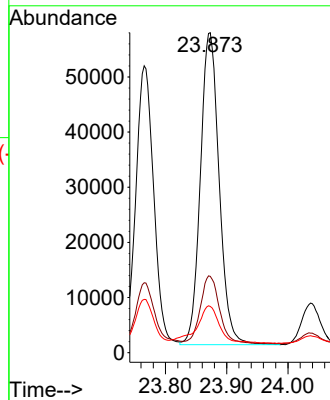
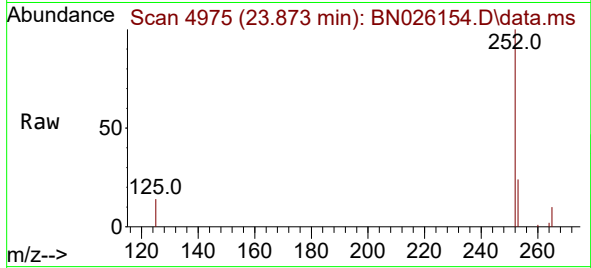




#26
Benzo(a)pyrene
Concen: 1.700 ng/ul
RT: 23.873 min Scan# 4975
Delta R.T. -0.012 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

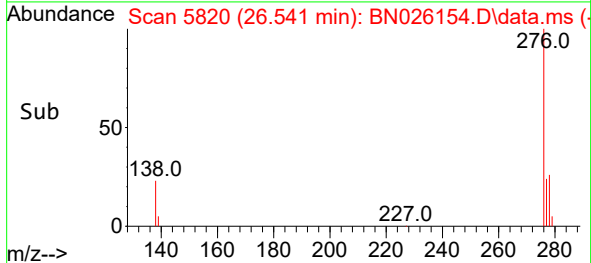
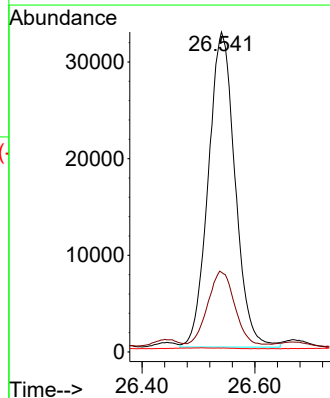
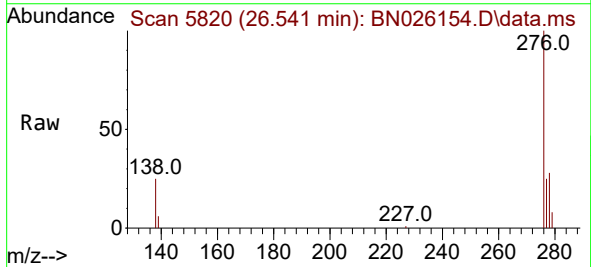
Instrument :
BNA_N
ClientSampleId :
DCFY2DL

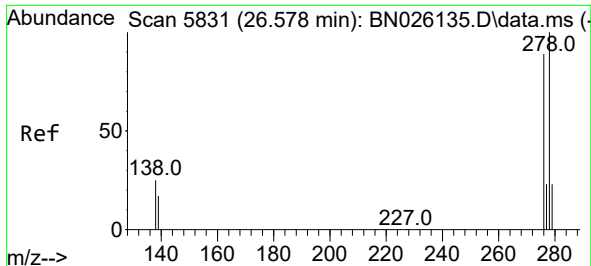
Tgt Ion:252 Resp: 120535
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0#
125 14.4 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.388 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.017 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:276 Resp: 107509
Ion Ratio Lower Upper
276 100
138 24.5 24.5 36.7#
227 0.0 0.0 0.0

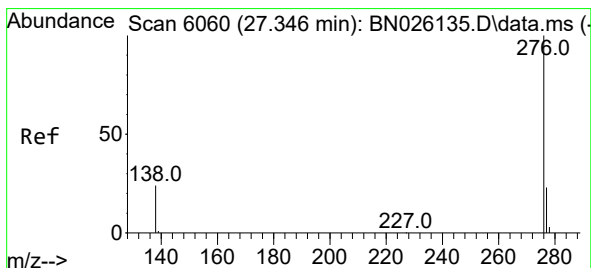
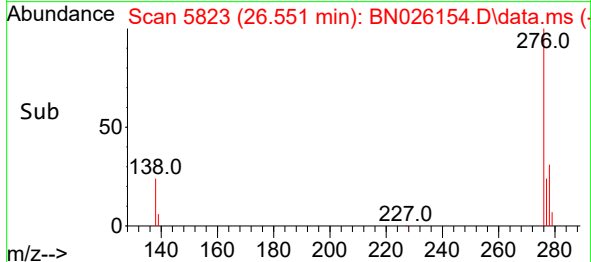
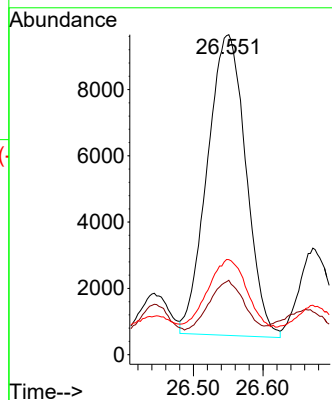
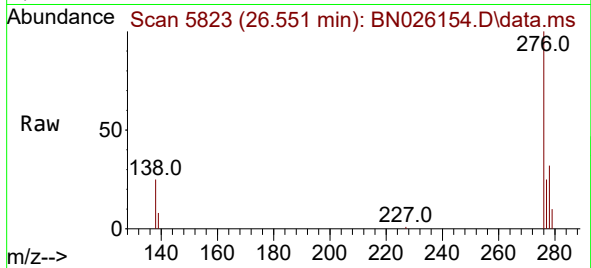




#28
Dibenzo(a,h)anthracene
Concen: 0.598 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.027 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Instrument :
BNA_N
ClientSampleId :
DCFY2DL

Tgt Ion:278 Resp: 35035
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.4
279 29.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.276 ng/ul
RT: 27.329 min Scan# 6055
Delta R.T. -0.017 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

Tgt Ion:276 Resp: 19013
Ion Ratio Lower Upper
276 100
138 32.1 23.4 35.0
277 28.2 20.0 30.0

