

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026130.D
 Acq On : 30 Jun 2023 14:33
 Operator : MA/JU
 Sample : 03239-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY3

Quant Time: Jul 01 00:55:41 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)

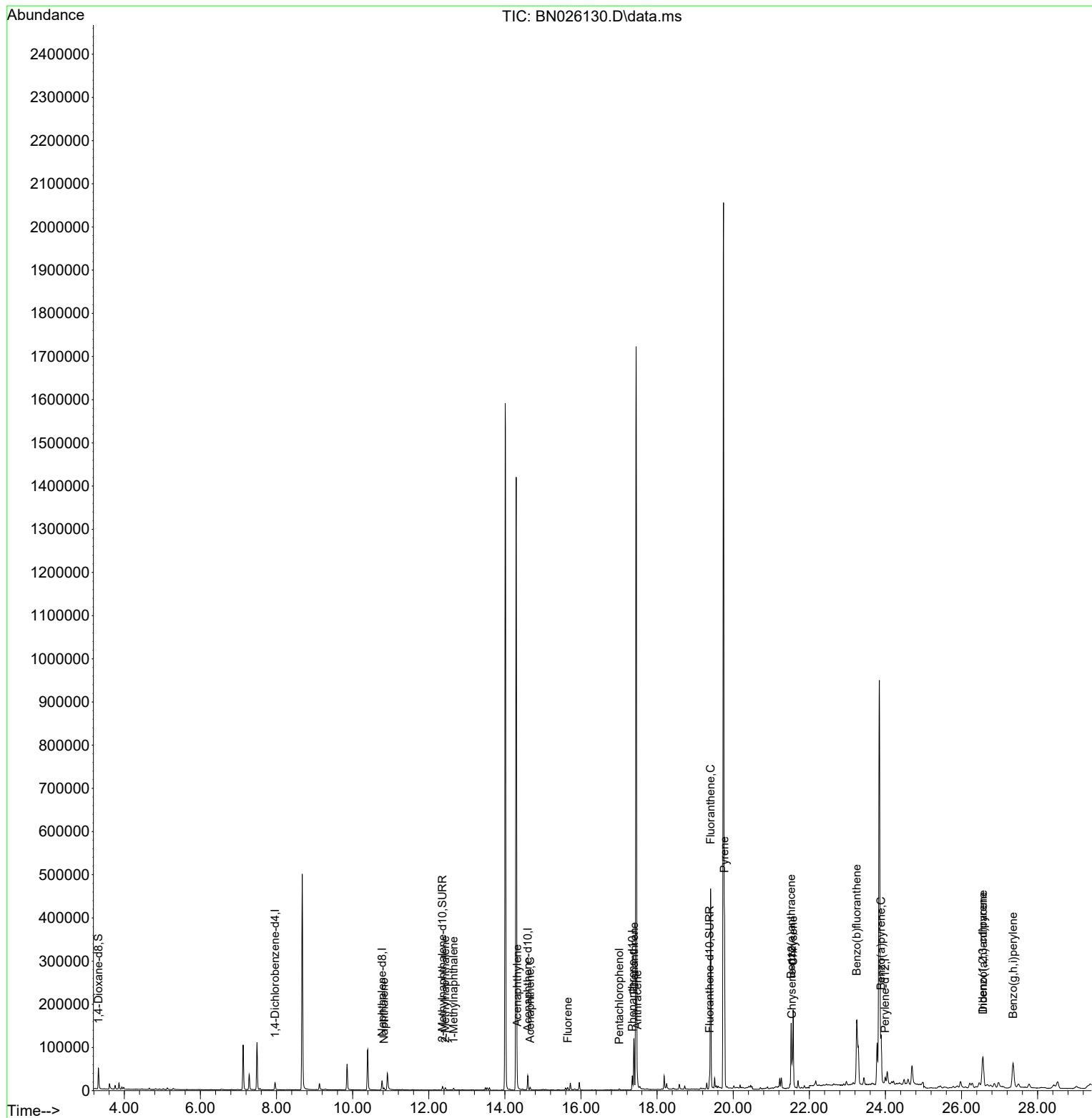
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9348	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.776	136	30596	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	18660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	38536	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	21402	0.400	ng/ul	# 0.00
23) Perylene-d12	23.993	264	21721	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	33207	3.154	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	12304	0.261	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	26033	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	6563	0.075	ng/ul#	95
7) 2-Methylnaphthalene	12.436	142	4215	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	3070	0.053	ng/ul	100
10) Acenaphthylene	14.325	152	6392	0.073	ng/ul#	93
11) Acenaphthene	14.663	153	3958	0.055	ng/ul	97
12) Fluorene	15.653	166	3602	0.044	ng/ul#	96
14) Pentachlorophenol	17.009	266	1722	0.125	ng/ul	99
15) Phenanthrene	17.393	178	130596	1.026	ng/ul	99
16) Anthracene	17.482	178	16493	0.146	ng/ul	95
19) Fluoranthene	19.405	202	396866	3.472	ng/ul	99
20) Pyrene	19.772	202	320933	2.699	ng/ul	95
21) Benzo(a)anthracene	21.523	228	131985	1.495	ng/ul	98
22) Chrysene	21.576	228	187326	2.039	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	355047	3.830	ng/ul	92
26) Benzo(a)pyrene	23.885	252	155299	1.929	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.561	276	138540	1.575	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.568	278	30891	0.464	ng/ul#	91
29) Benzo(g,h,i)perylene	27.356	276	142084	1.816	ng/ul	96

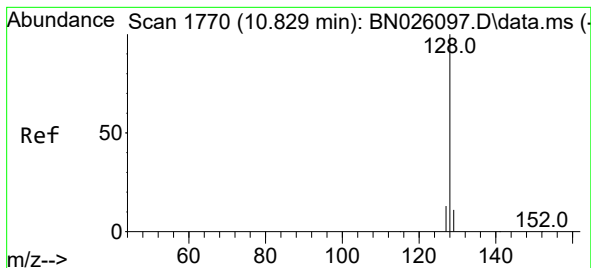
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.075 ng/ul

RT: 10.825 min Scan# 1769

Delta R.T. -0.011 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

Instrument :

BNA_N

ClientSampleId :

DCFY3

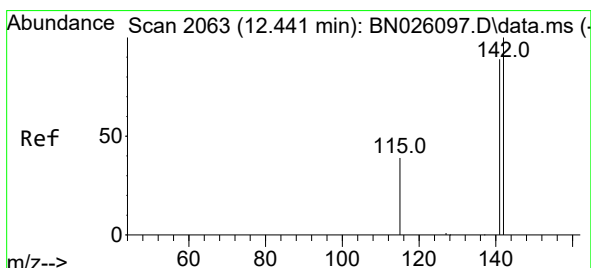
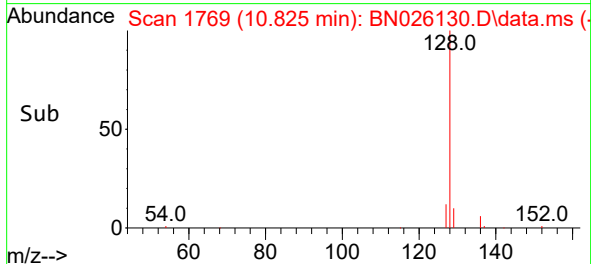
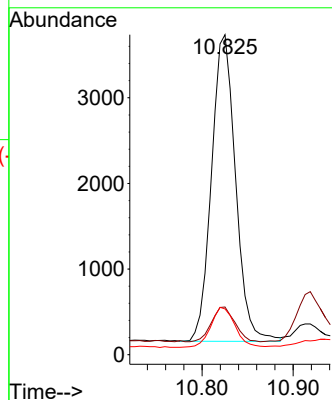
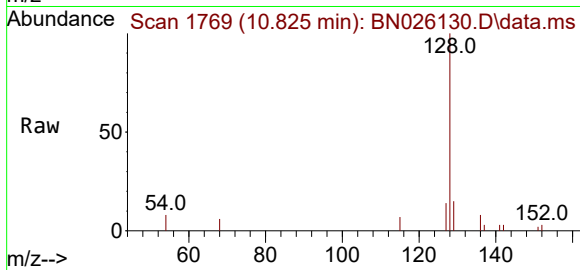
Tgt Ion:128 Resp: 6563

Ion Ratio Lower Upper

128 100

129 14.9 9.1 13.7#

127 14.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.436 min Scan# 2062

Delta R.T. -0.011 min

Lab File: BN026130.D

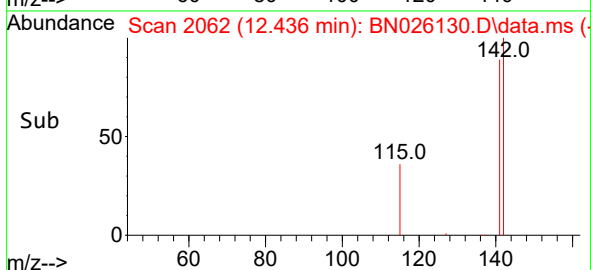
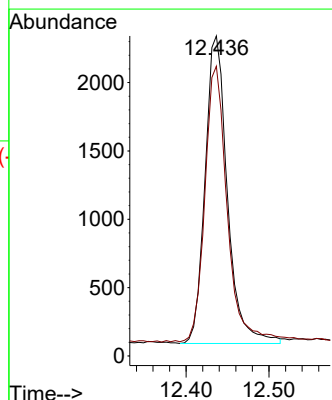
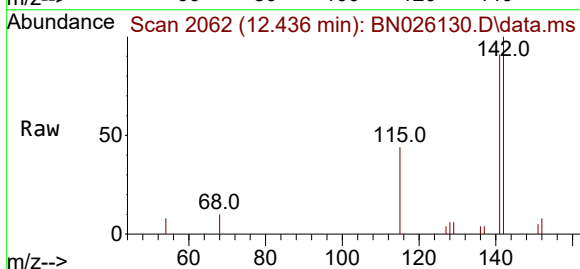
Acq: 30 Jun 2023 14:33

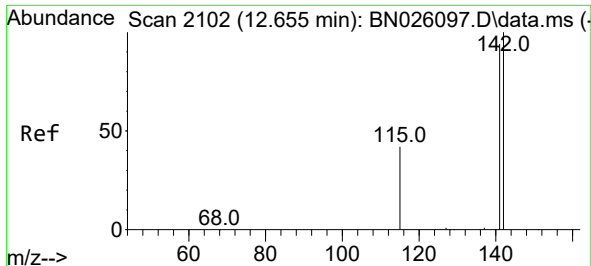
Tgt Ion:142 Resp: 4215

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9

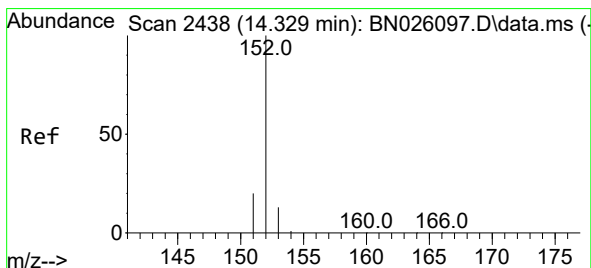
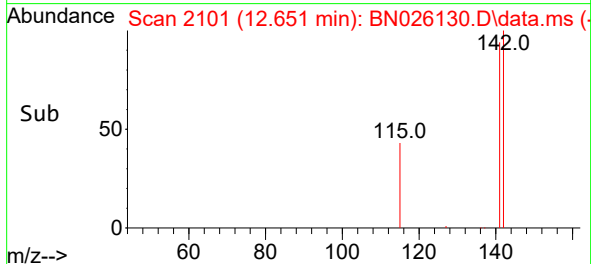
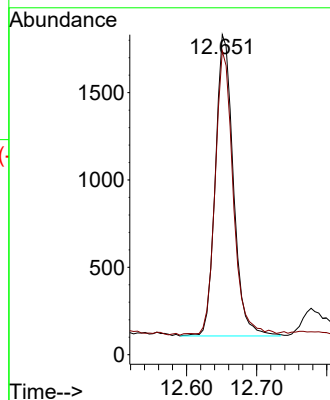
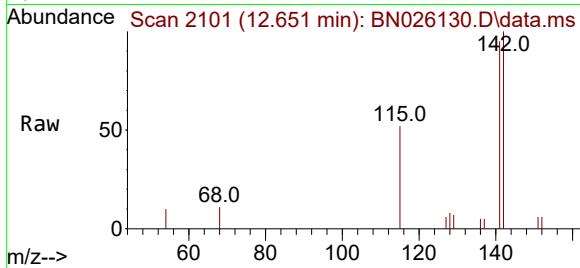




#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

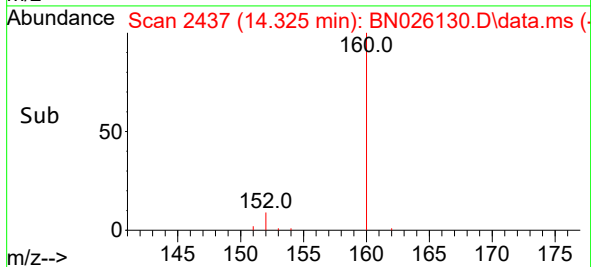
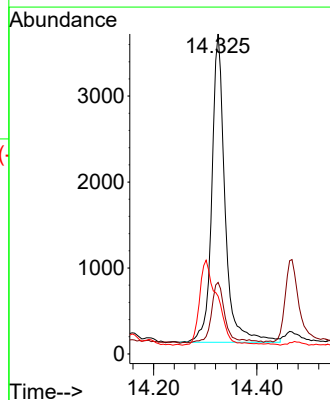
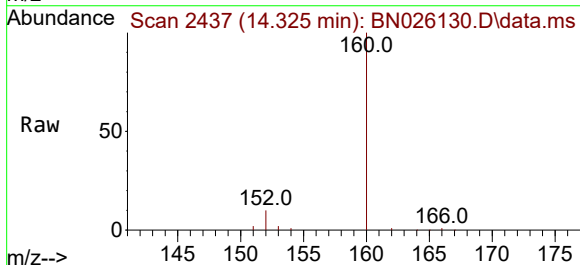
Instrument :
BNA_N
ClientSampleId :
DCFY3

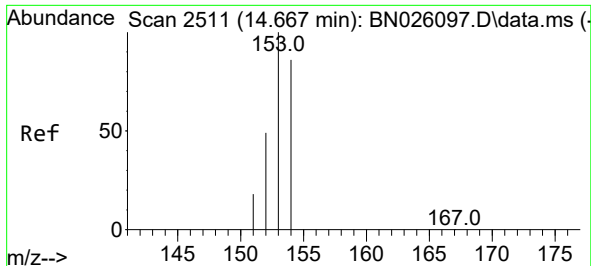
Tgt Ion:142 Resp: 3070
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Tgt Ion:152 Resp: 6392
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 18.0 10.9 16.3#

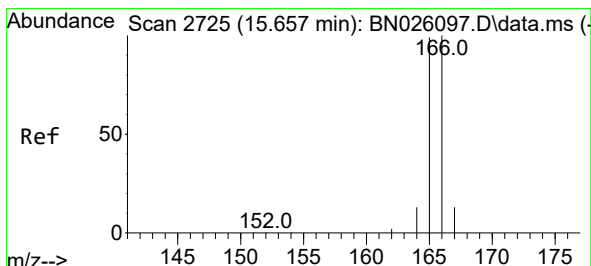
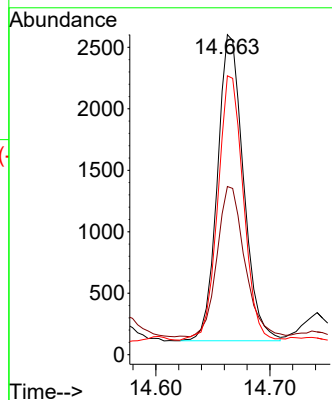
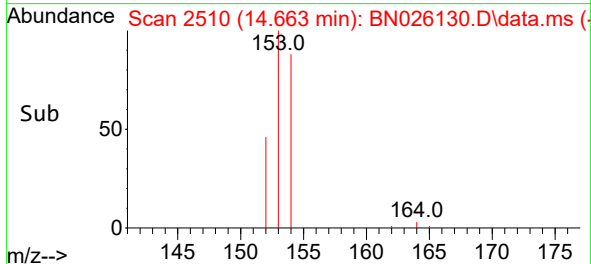
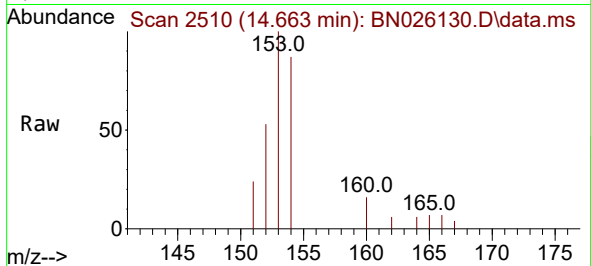




#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.009 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

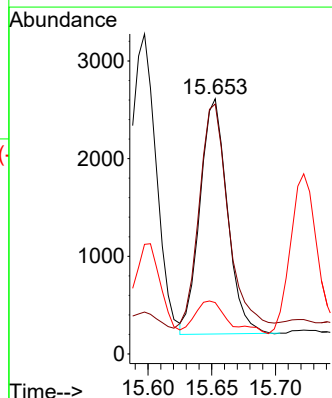
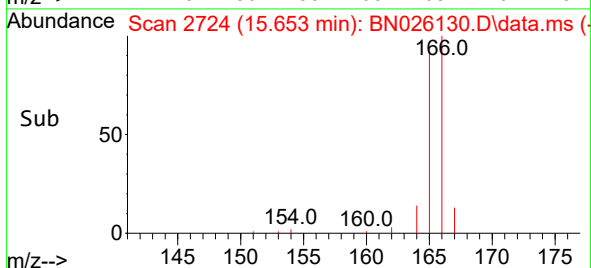
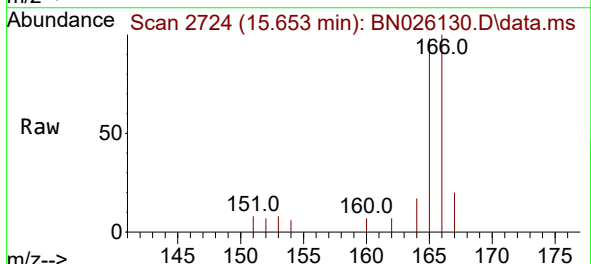
Instrument :
BNA_N
ClientSampleId :
DCFY3

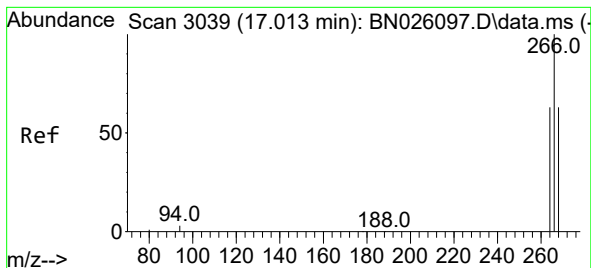
Tgt Ion:153 Resp: 3958
Ion Ratio Lower Upper
153 100
152 52.6 39.4 59.0
154 87.2 68.9 103.3



#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Tgt Ion:166 Resp: 3602
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 20.1 10.8 16.2#





#14

Pentachlorophenol

Concen: 0.125 ng/ul

RT: 17.009 min Scan# 3039

Delta R.T. -0.008 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

Instrument :

BNA_N

ClientSampleId :

DCFY3

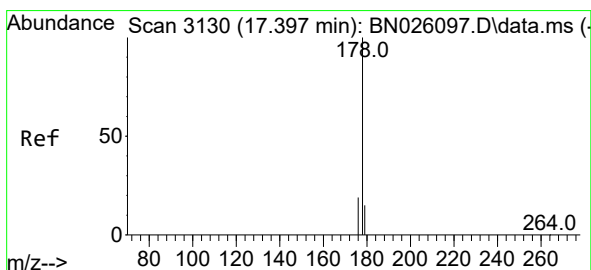
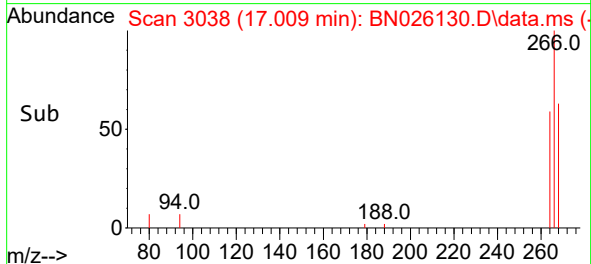
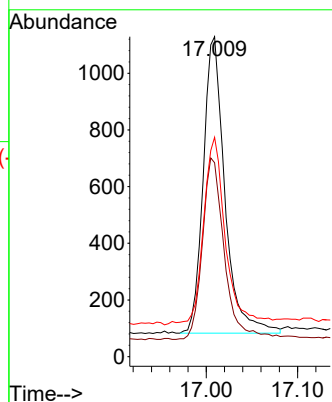
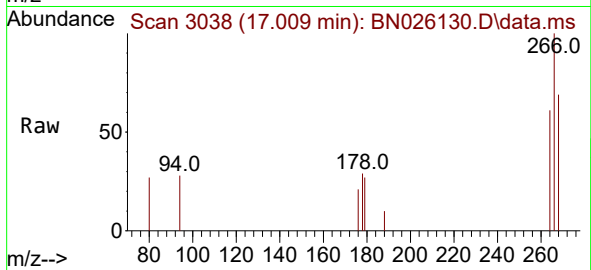
Tgt Ion:266 Resp: 1722

Ion Ratio Lower Upper

266 100

264 62.7 50.5 75.7

268 65.8 51.6 77.4



#15

Phenanthrene

Concen: 1.026 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

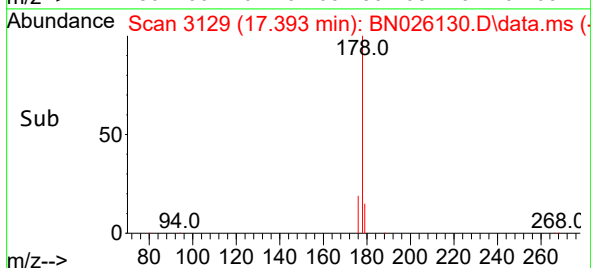
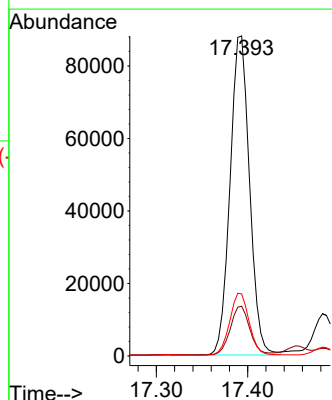
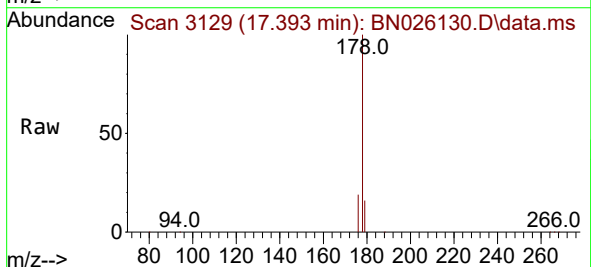
Tgt Ion:178 Resp: 130596

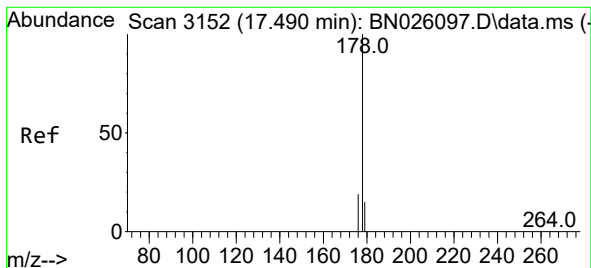
Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.4 15.8 23.6





#16

Anthracene

Concen: 0.146 ng/ul

RT: 17.482 min Scan# 3150

Delta R.T. -0.013 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

Instrument :

BNA_N

ClientSampleId :

DCFY3

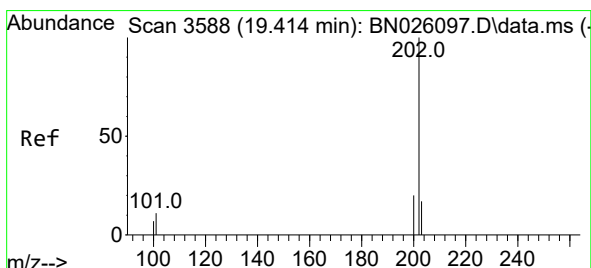
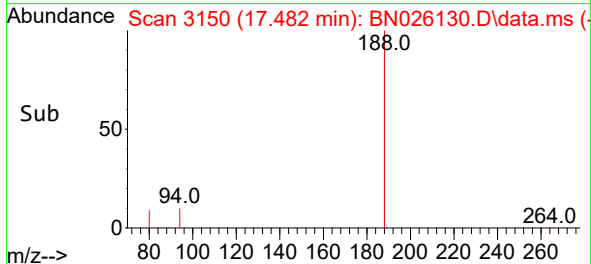
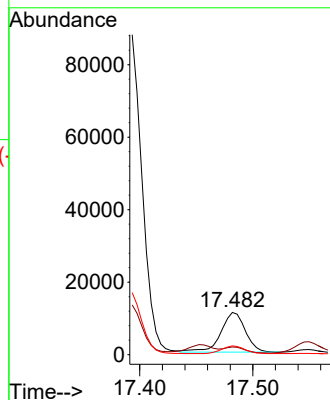
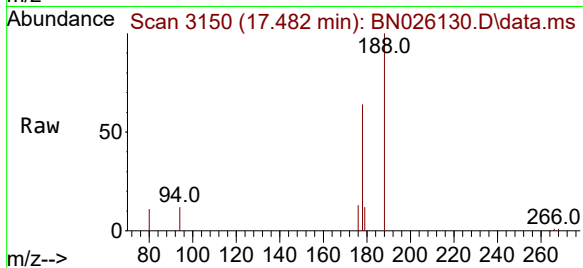
Tgt Ion:178 Resp: 16493

Ion Ratio Lower Upper

178 100

179 18.3 12.6 18.8

176 20.8 15.1 22.7



#19

Fluoranthene

Concen: 3.472 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.009 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

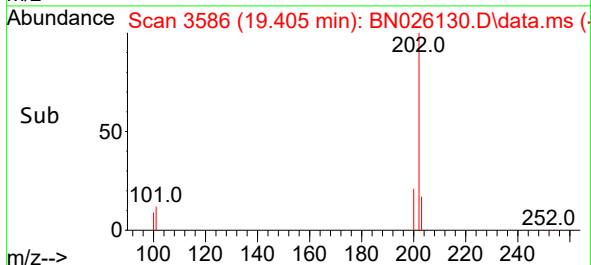
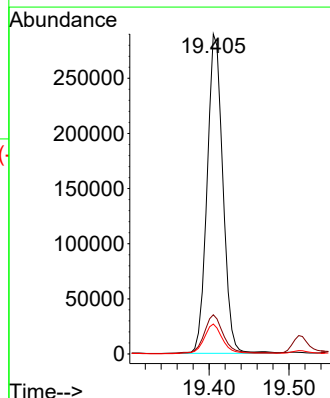
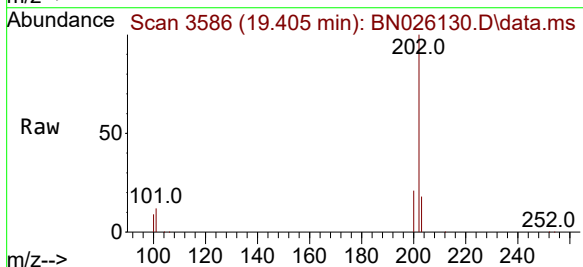
Tgt Ion:202 Resp: 396866

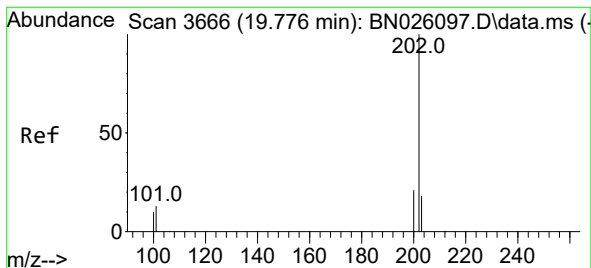
Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

100 9.3 7.3 10.9





#20

Pyrene

Concen: 2.699 ng/ul

RT: 19.772 min Scan# 3665

Delta R.T. -0.005 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

Instrument :

BNA_N

ClientSampleId :

DCFY3

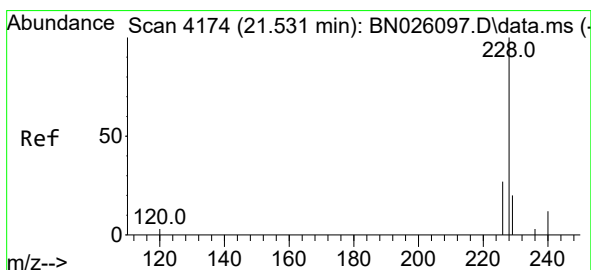
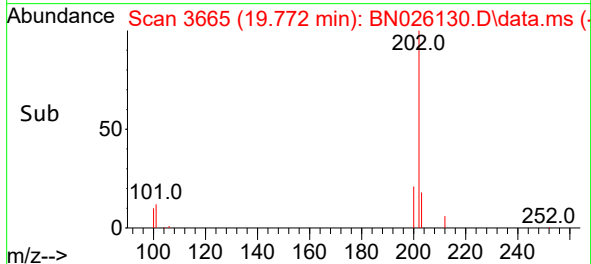
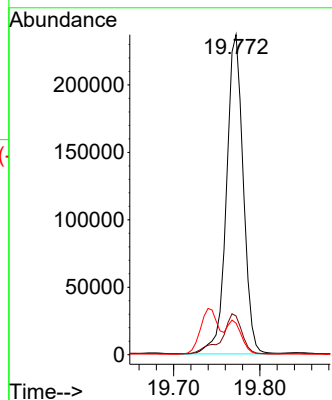
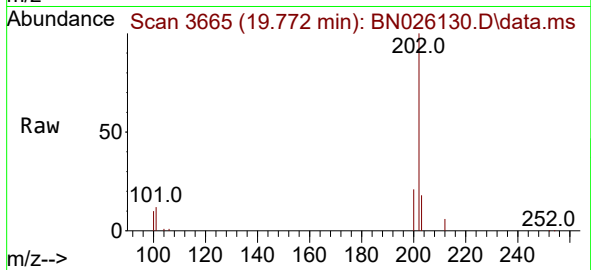
Tgt Ion:202 Resp: 320933

Ion Ratio Lower Upper

202 100

101 12.1 11.4 17.0

100 9.9 9.1 13.7



#21

Benzo(a)anthracene

Concen: 1.495 ng/ul

RT: 21.523 min Scan# 4171

Delta R.T. -0.006 min

Lab File: BN026130.D

Acq: 30 Jun 2023 14:33

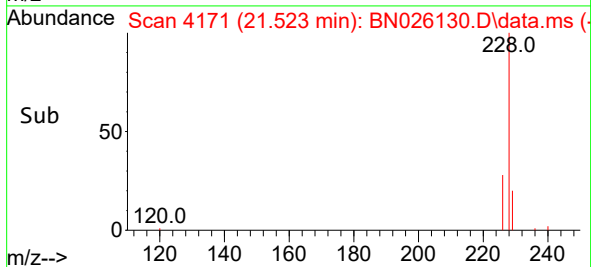
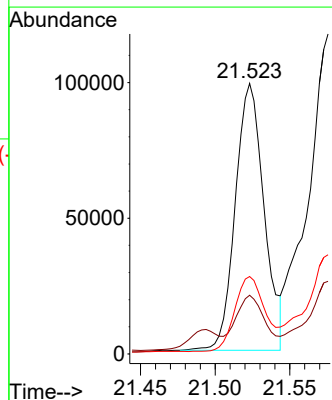
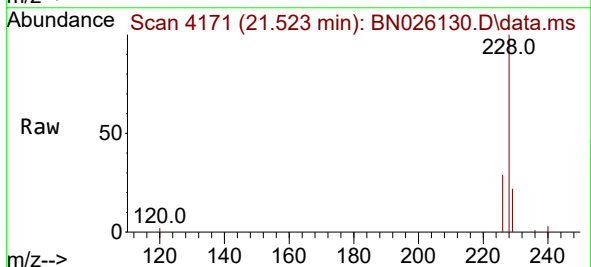
Tgt Ion:228 Resp: 131985

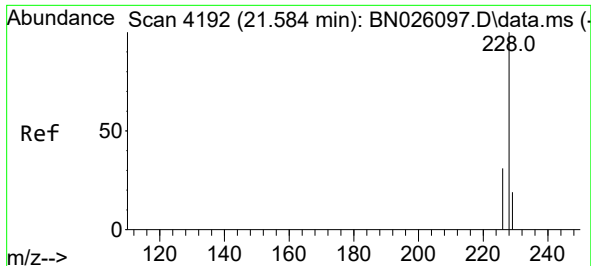
Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.6

226 28.6 22.5 33.7

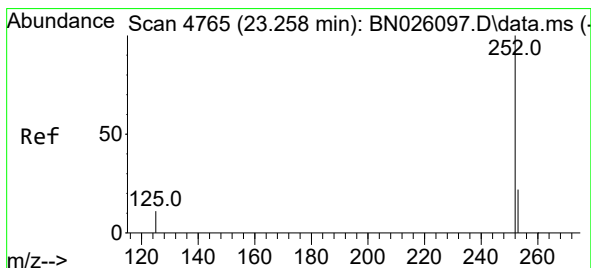
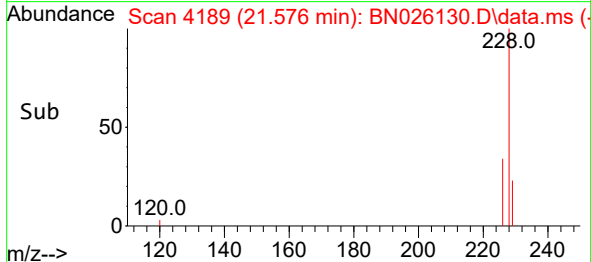
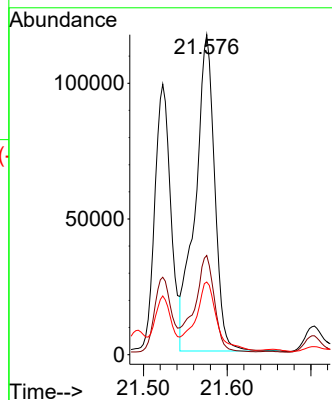
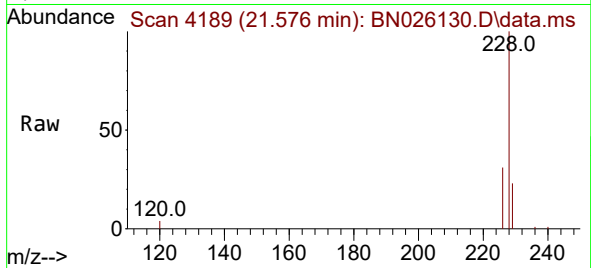




#22
Chrysene
Concen: 2.039 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

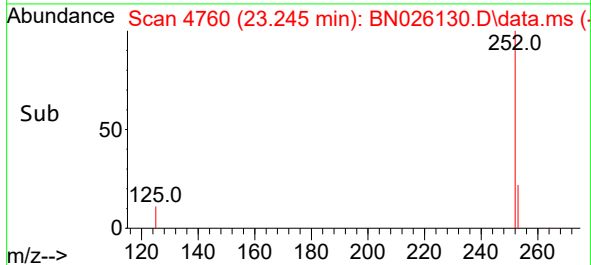
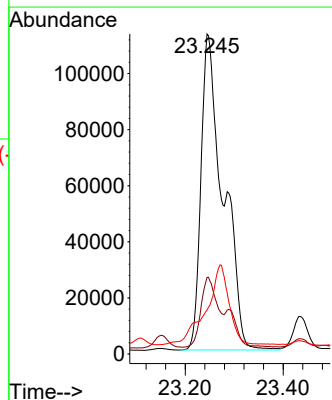
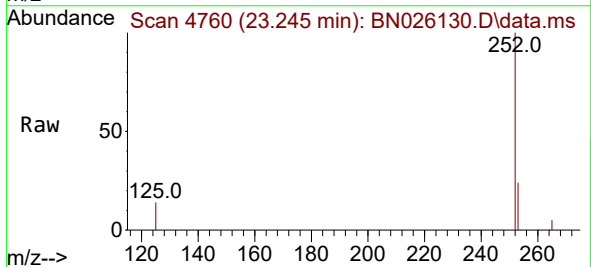
Instrument :
BNA_N
ClientSampleId :
DCFY3

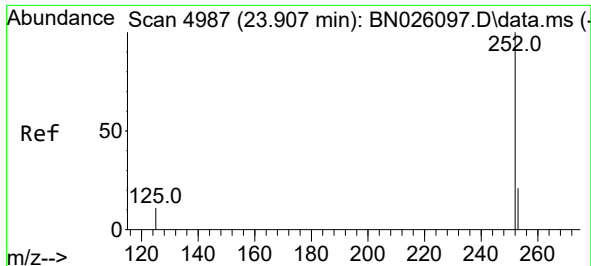
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Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.7 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 3.830 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Tgt Ion:252 Resp: 355047
Ion Ratio Lower Upper
252 100
253 23.9 0.0 55.6
125 13.8 0.0 35.8

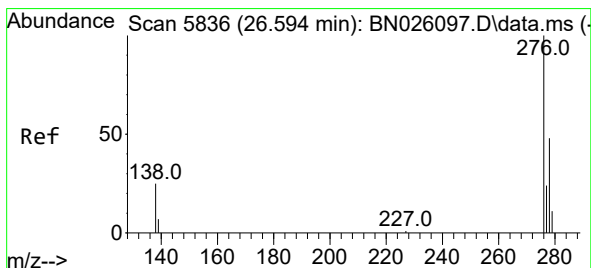
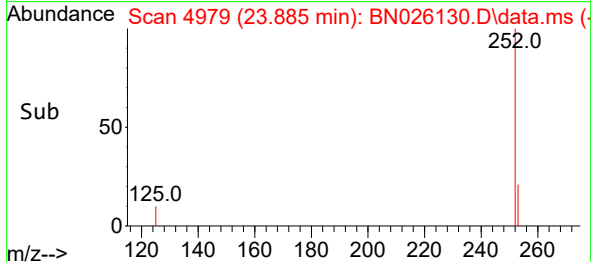
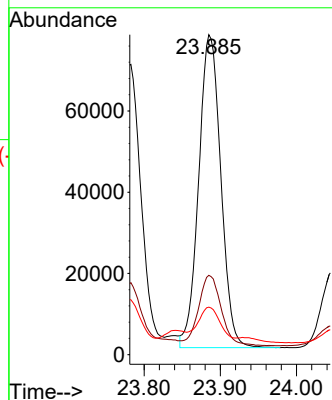
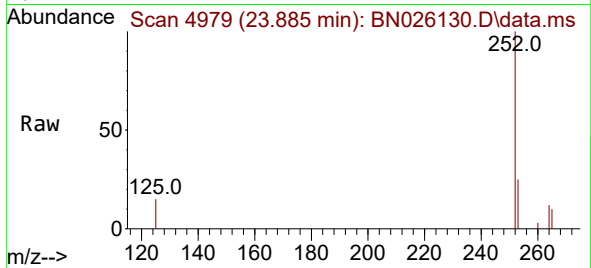




#26
Benzo(a)pyrene
Concen: 1.929 ng/ul
RT: 23.885 min Scan# 4987
Delta R.T. -0.020 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

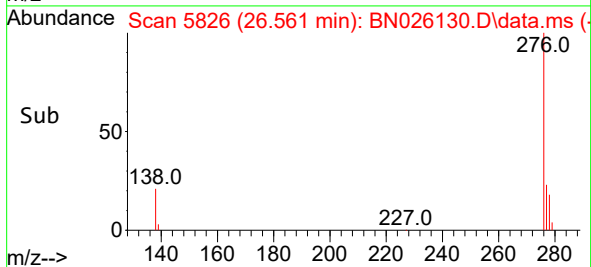
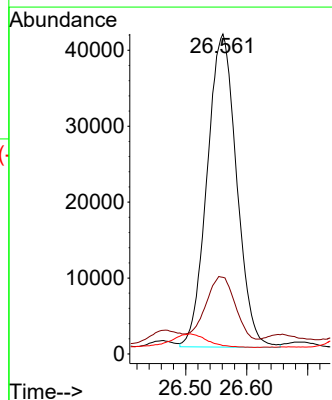
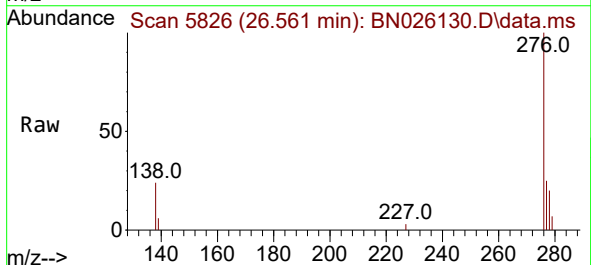
Instrument :
BNA_N
ClientSampleId :
DCFY3

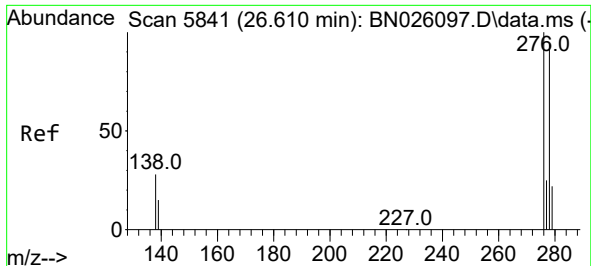
Tgt Ion:252 Resp: 155299
Ion Ratio Lower Upper
252 100
253 24.8 26.0 39.0#
125 14.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.575 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.033 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Tgt Ion:276 Resp: 138540
Ion Ratio Lower Upper
276 100
138 21.0 24.5 36.7#
227 0.0 0.0 0.0

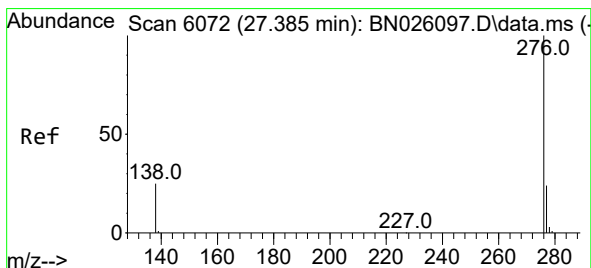
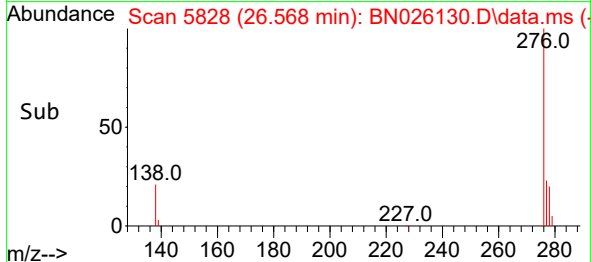
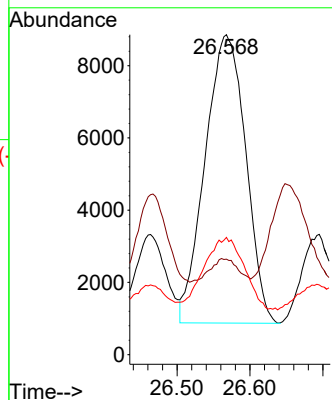
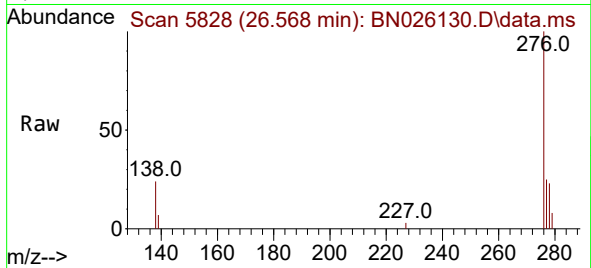




#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.047 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Instrument :
BNA_N
ClientSampleId :
DCFY3

Tgt Ion:278 Resp: 30891
Ion Ratio Lower Upper
278 100
139 29.8 19.0 28.4#
279 36.7 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 1.816 ng/ul
RT: 27.356 min Scan# 6063
Delta R.T. -0.030 min
Lab File: BN026130.D
Acq: 30 Jun 2023 14:33

Tgt Ion:276 Resp: 142084
Ion Ratio Lower Upper
276 100
138 25.4 23.4 35.0
277 25.2 20.0 30.0

