

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026067.D
 Acq On : 28 Jun 2023 20:29
 Operator : MA/JU
 Sample : 03142-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT1

Quant Time: Jun 28 23:16:17 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)

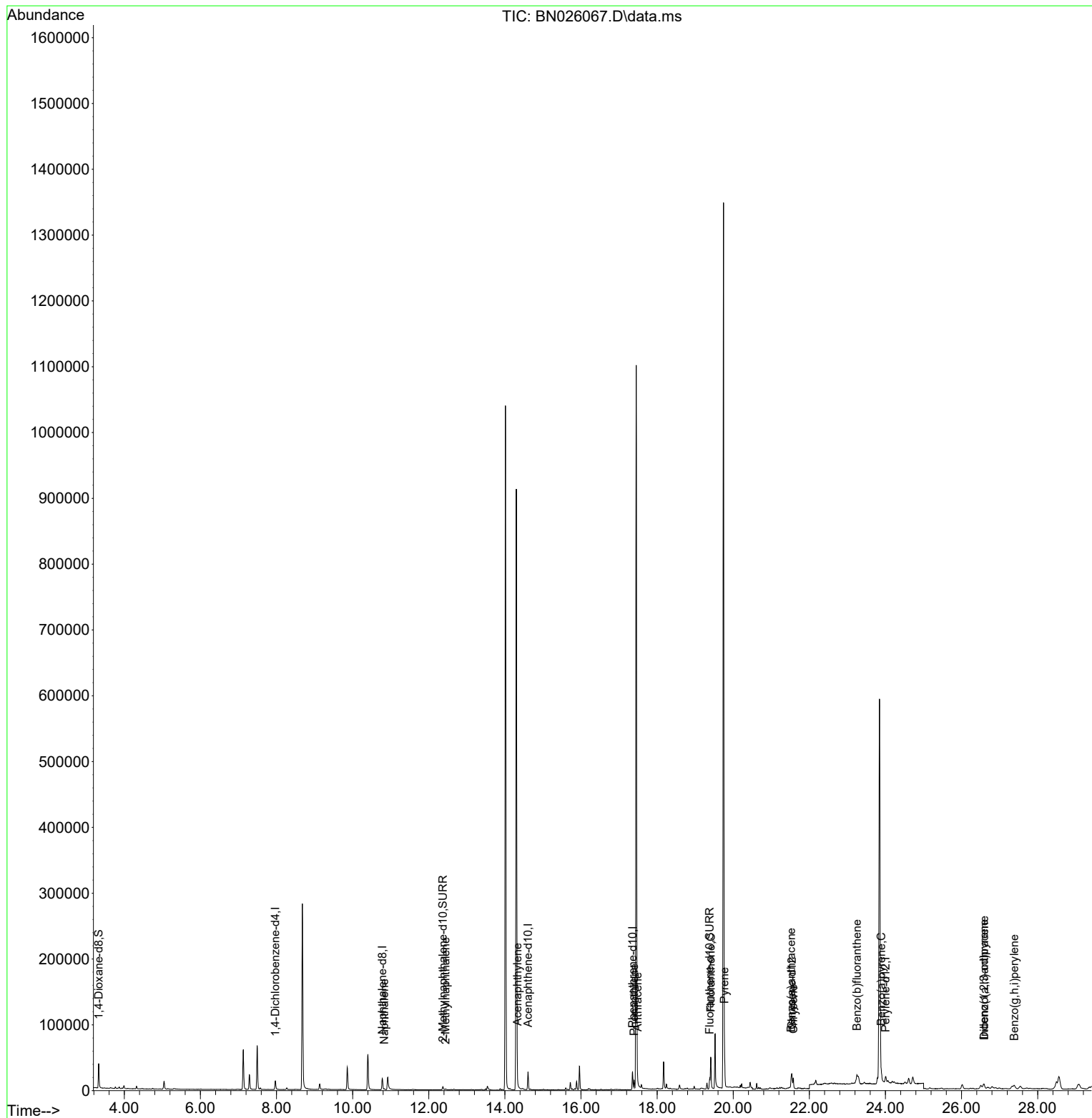
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	25181	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	31777	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17077	0.400	ng/ul	# 0.00
23) Perylene-d12	24.004	264	16523	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	25337	2.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	7473	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	16162	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	1741	0.024	ng/ul#	79
7) 2-Methylnaphthalene	12.441	142	965	0.021	ng/ul	89
10) Acenaphthylene	14.329	152	1687	0.023	ng/ul#	80
15) Phenanthrene	17.393	178	15369	0.146	ng/ul	98
16) Anthracene	17.486	178	2487	0.027	ng/ul#	73
19) Fluoranthene	19.409	202	40842	0.448	ng/ul#	88
20) Pyrene	19.771	202	33680	0.355	ng/ul	96
21) Benzo(a)anthracene	21.522	228	12824	0.182	ng/ul#	86
22) Chrysene	21.578	228	18397	0.251	ng/ul#	90
24) Benzo(b)fluoranthene	23.253	252	34327	0.487	ng/ul	80
26) Benzo(a)pyrene	23.890	252	14702	0.240	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.587	276	13161	0.197	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.594	278	3021	0.060	ng/ul#	8
29) Benzo(g,h,i)perylene	27.385	276	13096	0.220	ng/ul#	85

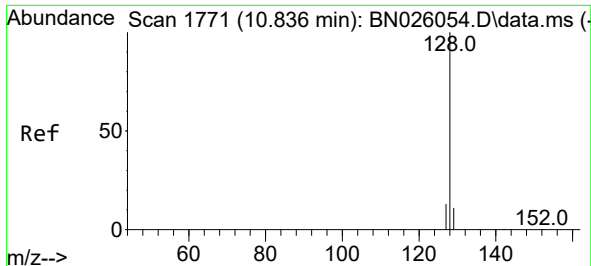
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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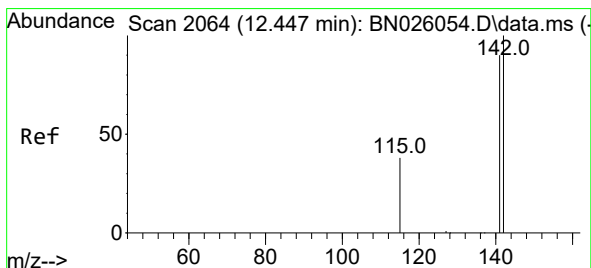
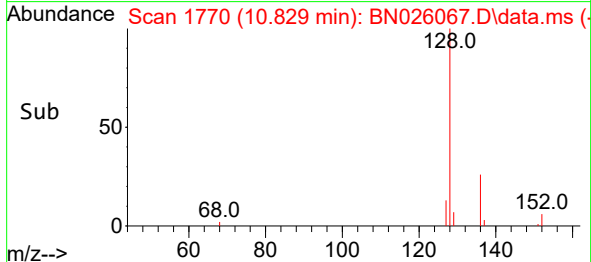
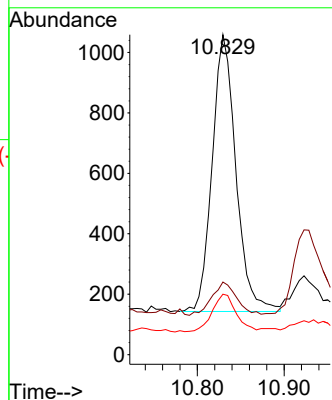
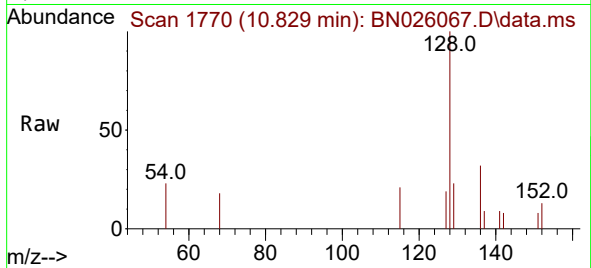




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

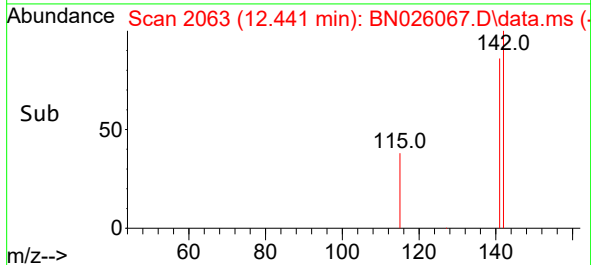
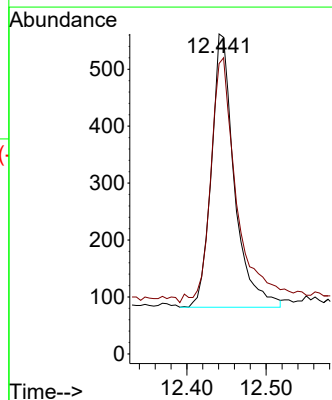
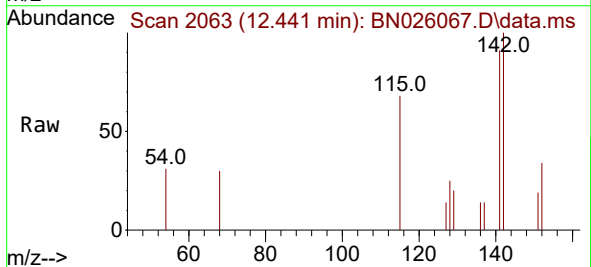
Instrument :
BNA_N
ClientSampleId :
DCFT1

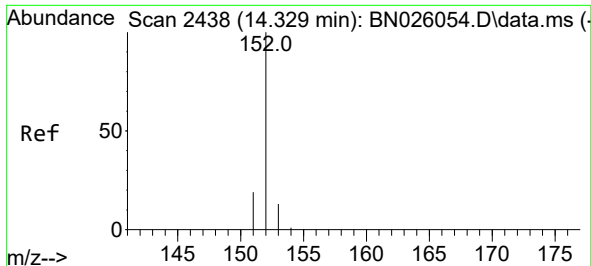
Tgt Ion:128 Resp: 1741
Ion Ratio Lower Upper
128 100
129 22.7 9.1 13.7#
127 18.9 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

Tgt Ion:142 Resp: 965
Ion Ratio Lower Upper
142 100
141 100.3 71.9 107.9





#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.329 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCFT1

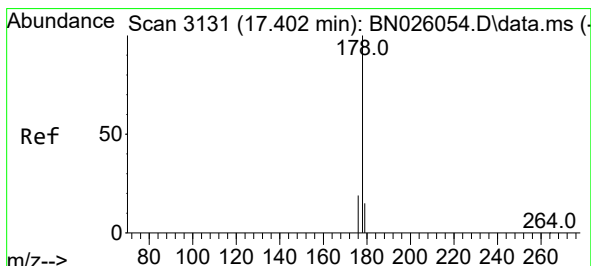
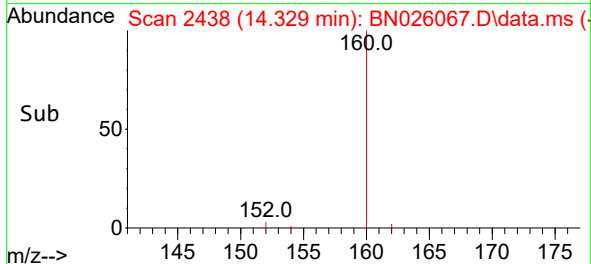
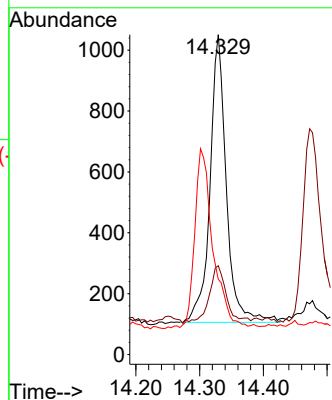
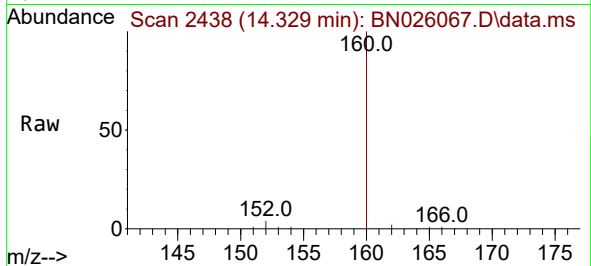
Tgt Ion:152 Resp: 1687

Ion Ratio Lower Upper

152 100

151 27.8 16.2 24.4#

153 23.5 10.9 16.3#



#15

Phenanthrene

Concen: 0.146 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.009 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

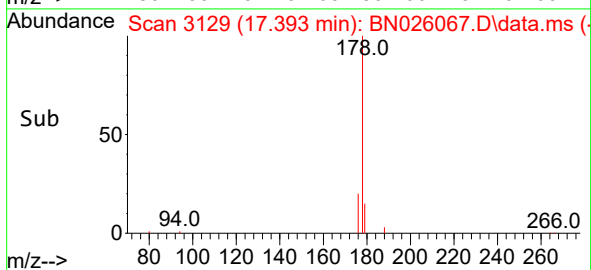
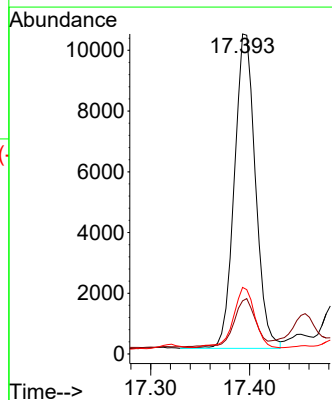
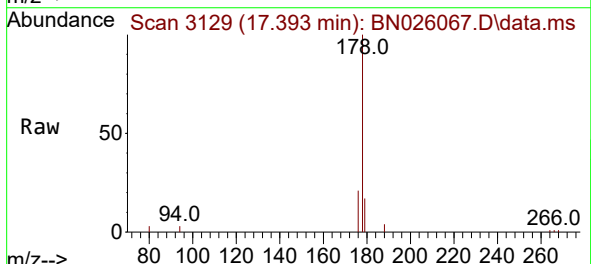
Tgt Ion:178 Resp: 15369

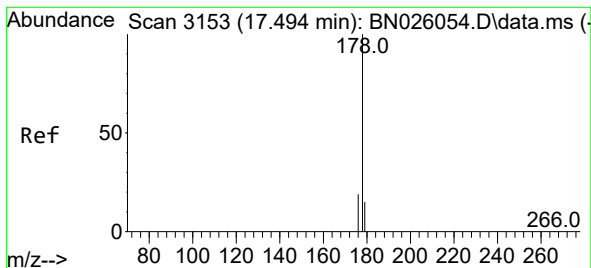
Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

176 20.8 15.8 23.6





#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCFT1

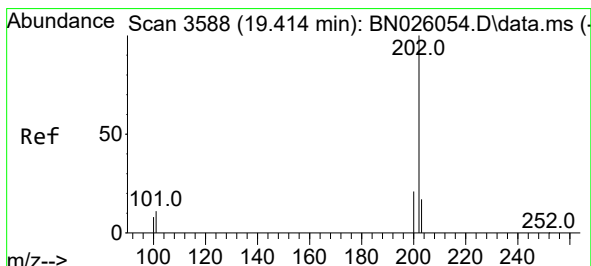
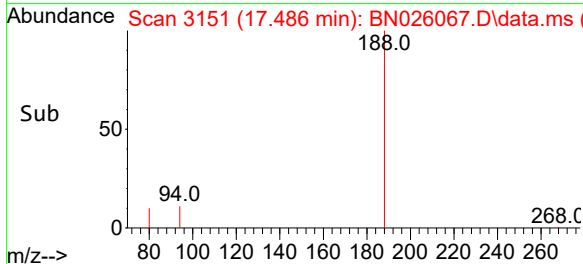
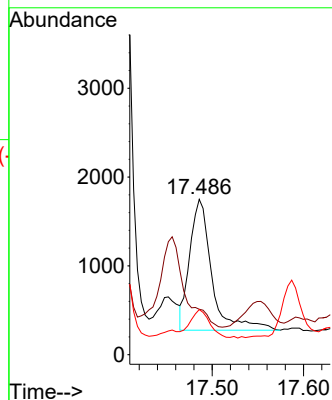
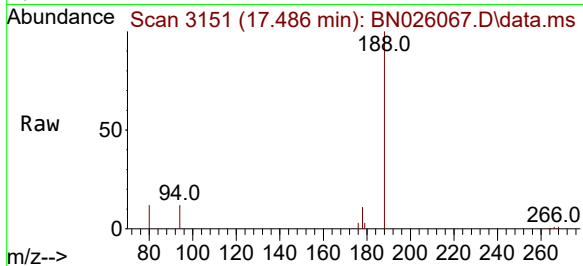
Tgt Ion:178 Resp: 2487

Ion Ratio Lower Upper

178 100

179 29.3 12.6 18.8#

176 29.1 15.1 22.7#



#19

Fluoranthene

Concen: 0.448 ng/ul

RT: 19.409 min Scan# 3587

Delta R.T. -0.005 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

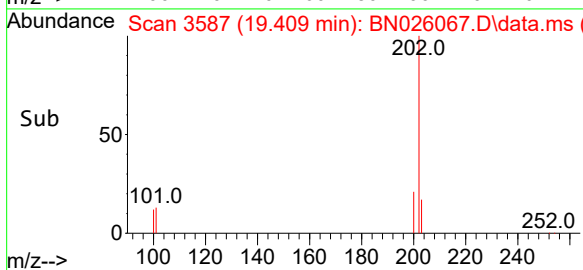
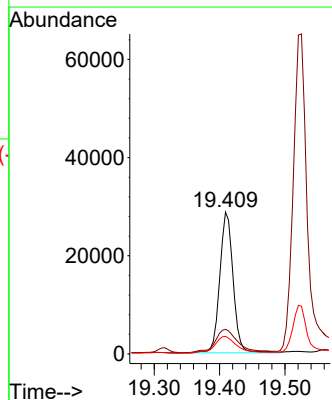
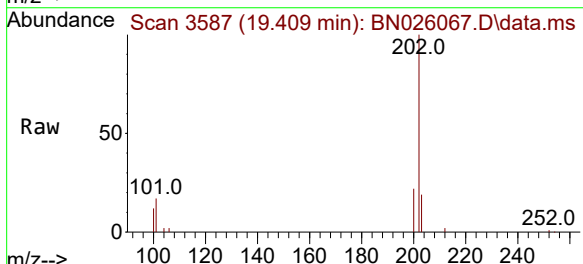
Tgt Ion:202 Resp: 40842

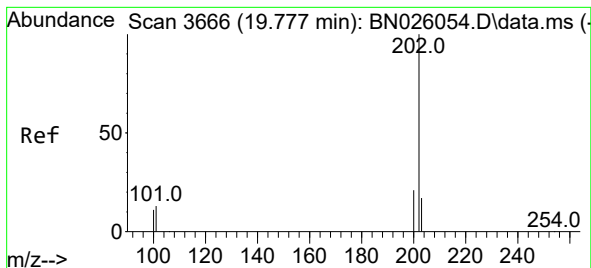
Ion Ratio Lower Upper

202 100

101 17.4 9.5 14.3#

100 12.4 7.3 10.9#





#20

Pyrene

Concen: 0.355 ng/ul

RT: 19.771 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCFT1

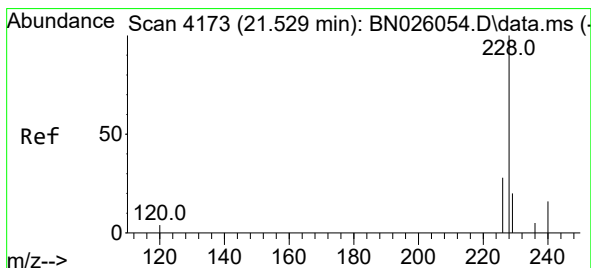
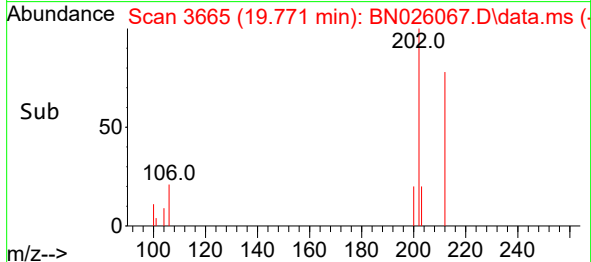
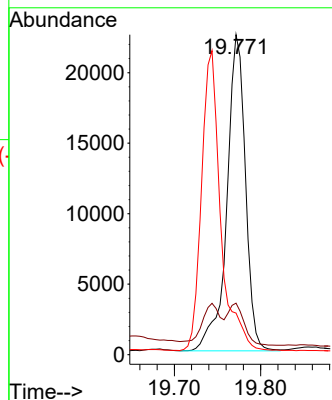
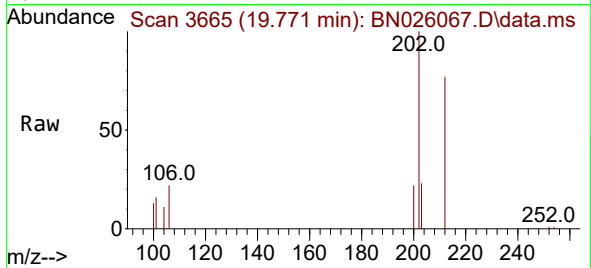
Tgt Ion:202 Resp: 33680

Ion Ratio Lower Upper

202 100

101 16.1 11.4 17.0

100 13.0 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.182 ng/ul

RT: 21.522 min Scan# 4171

Delta R.T. -0.007 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

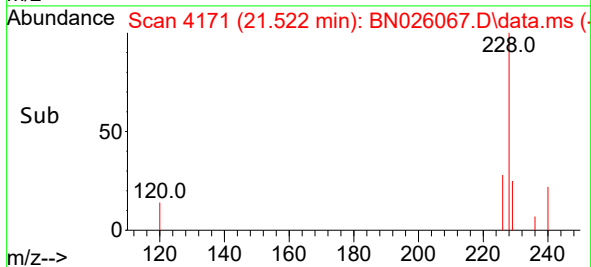
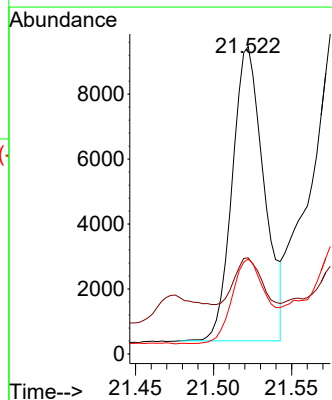
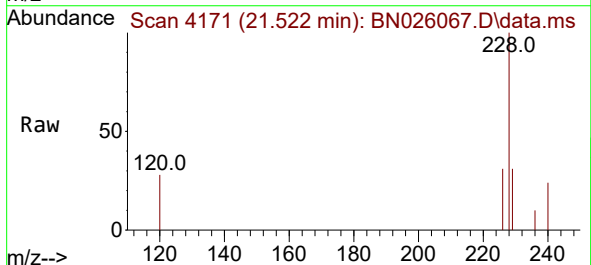
Tgt Ion:228 Resp: 12824

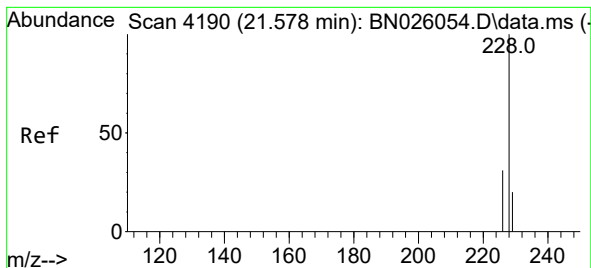
Ion Ratio Lower Upper

228 100

229 31.3 15.8 23.6#

226 30.9 22.5 33.7





#22

Chrysene

Concen: 0.251 ng/ul

RT: 21.578 min Scan# 4190

Delta R.T. -0.001 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

Instrument :

BNA_N

ClientSampleId :

DCFT1

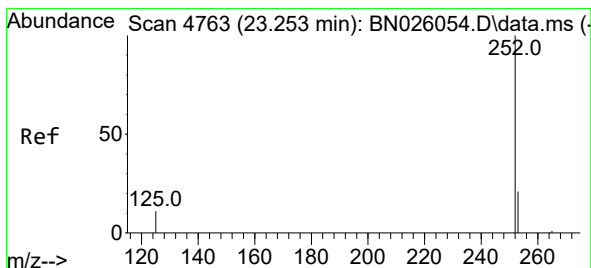
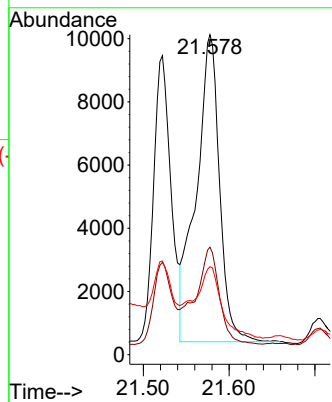
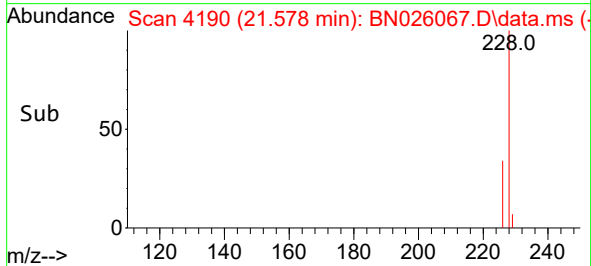
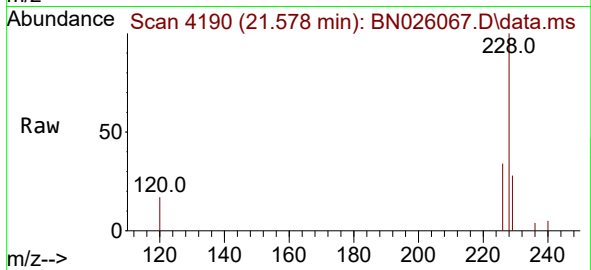
Tgt Ion:228 Resp: 18397

Ion Ratio Lower Upper

228 100

226 33.6 24.8 37.2

229 27.5 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.487 ng/ul

RT: 23.253 min Scan# 4763

Delta R.T. -0.001 min

Lab File: BN026067.D

Acq: 28 Jun 2023 20:29

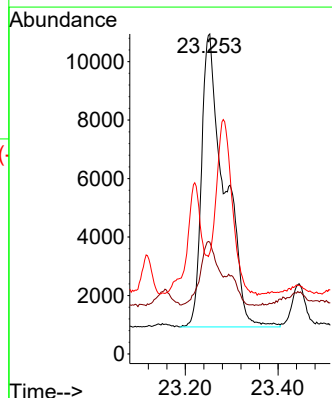
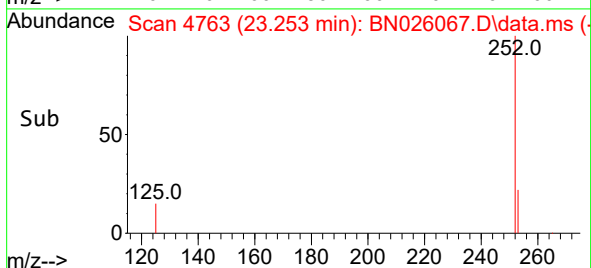
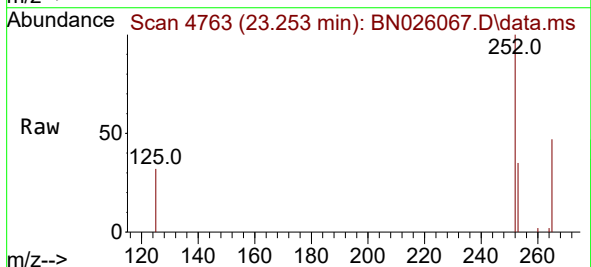
Tgt Ion:252 Resp: 34327

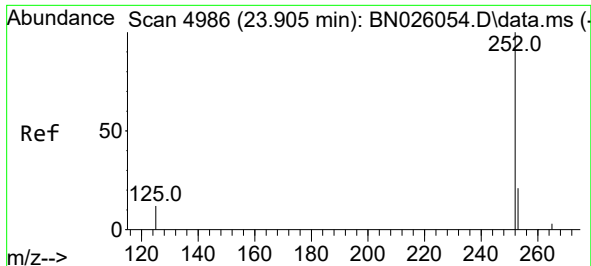
Ion Ratio Lower Upper

252 100

253 35.0 0.0 55.6

125 31.6 0.0 35.8

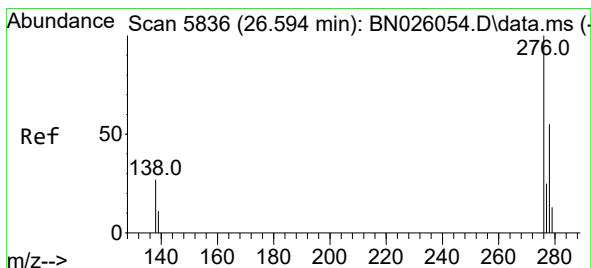
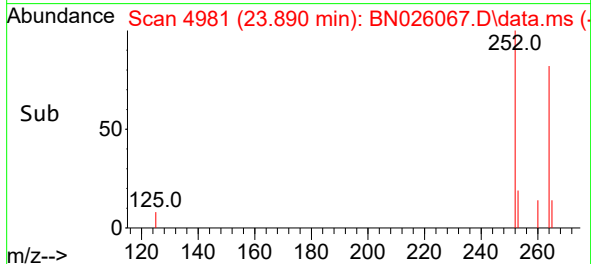
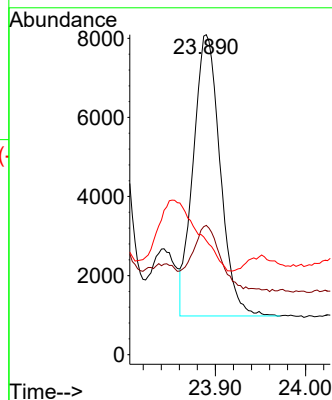
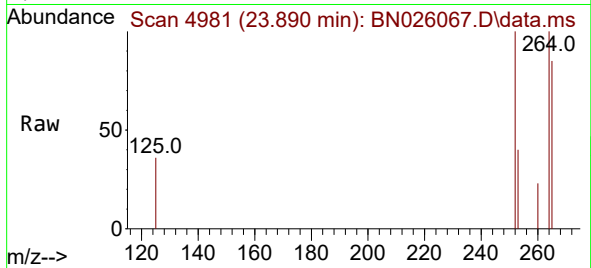




#26
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.890 min Scan# 4986
Delta R.T. -0.015 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

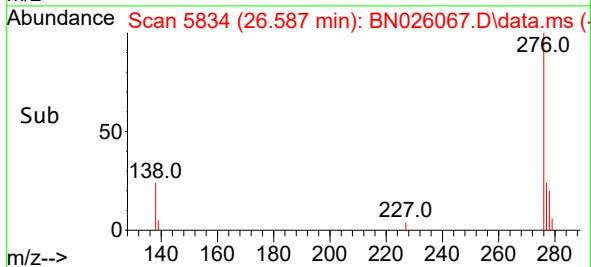
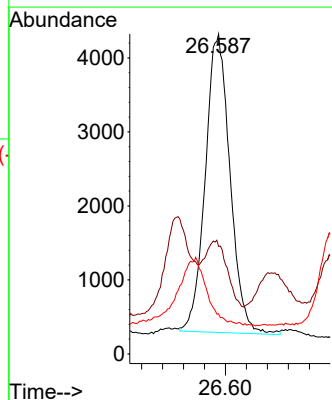
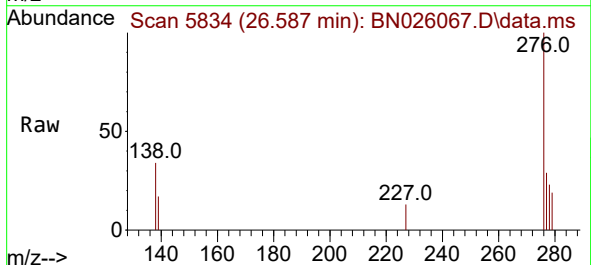
Instrument :
BNA_N
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DCFT1

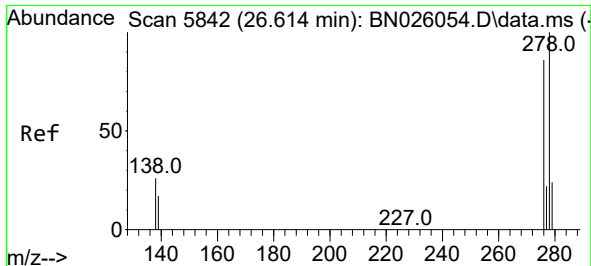
Tgt Ion:252 Resp: 14702
Ion Ratio Lower Upper
252 100
253 40.4 26.0 39.0#
125 35.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

Tgt Ion:276 Resp: 13161
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.0 0.0 0.0

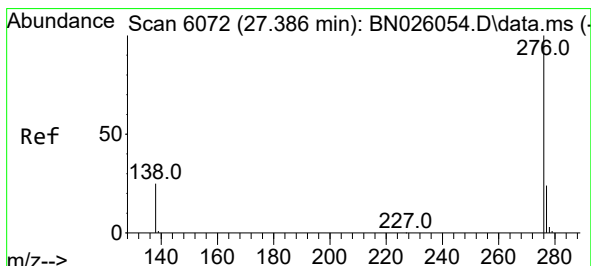
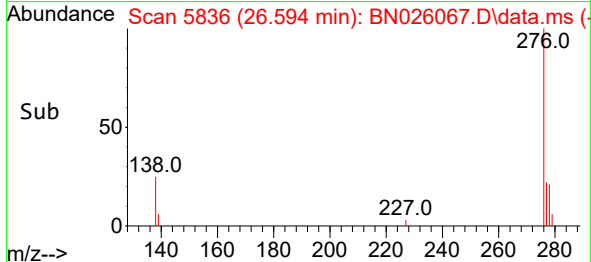
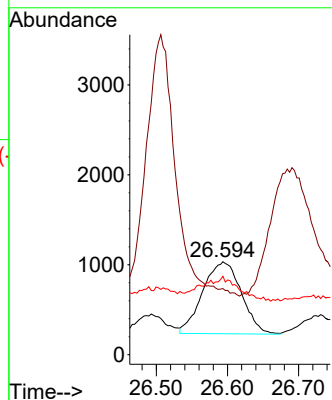
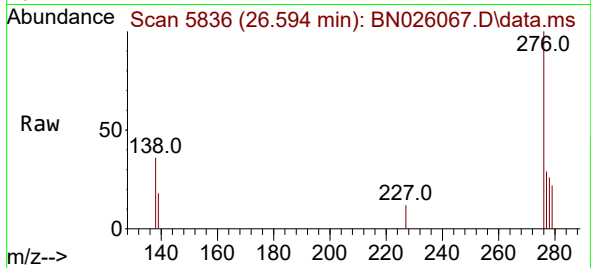




#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.021 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

Instrument :
BNA_N
ClientSampleId :
DCFT1

Tgt Ion:278 Resp: 3021
Ion Ratio Lower Upper
278 100
139 71.0 19.0 28.4#
279 84.3 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.220 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

Tgt Ion:276 Resp: 13096
Ion Ratio Lower Upper
276 100
138 40.5 23.4 35.0#
277 28.6 20.0 30.0

