

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026138.D
 Acq On : 30 Jun 2023 20:10
 Operator : MA/JU
 Sample : 03143-18DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV5DL

Quant Time: Jul 01 01:47:58 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)

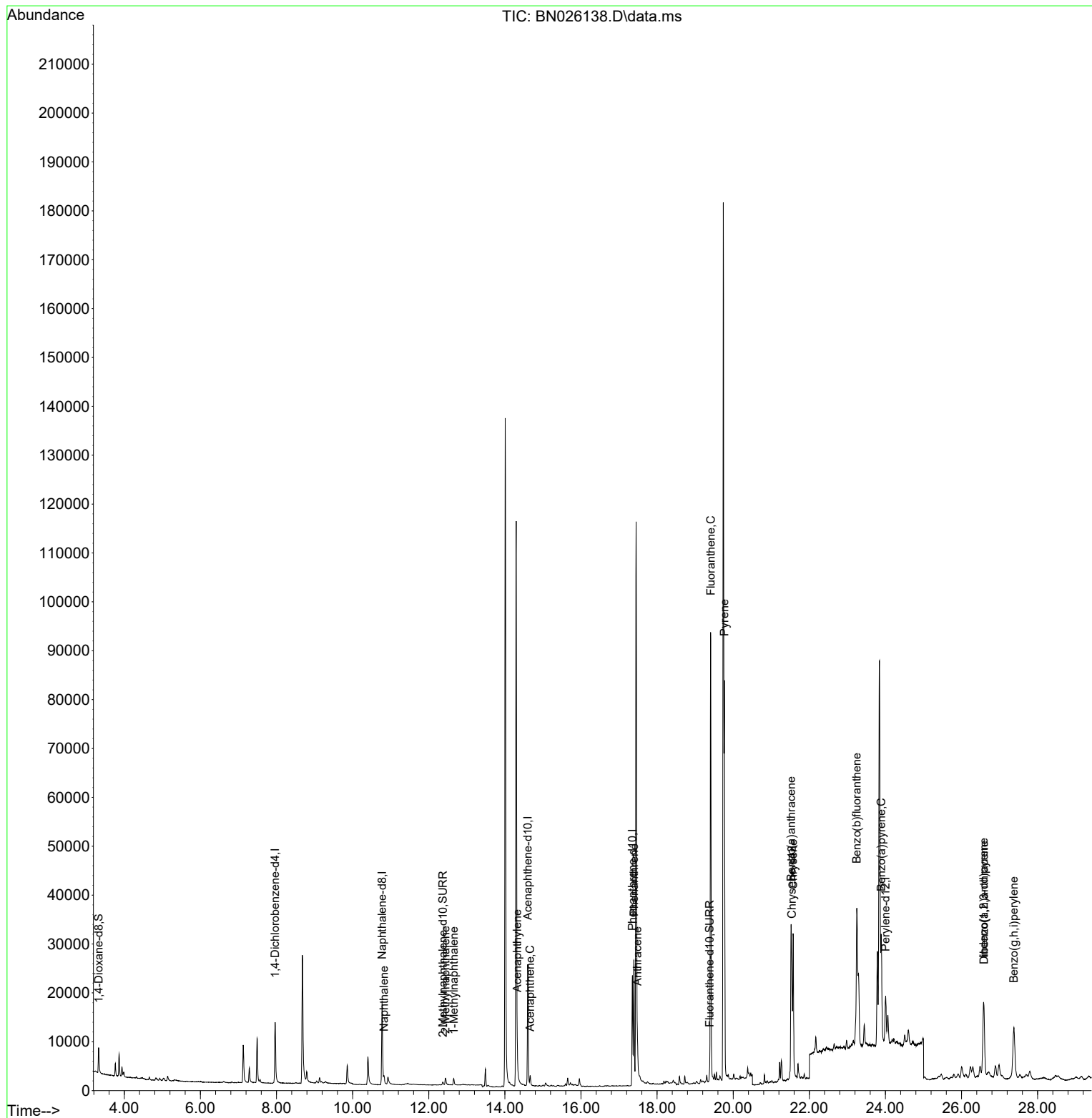
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	26233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	14778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28309	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	15227	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	15193	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3810	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1077	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	1934	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	2213	0.029	ng/ul#	87
7) 2-Methylnaphthalene	12.442	142	1369	0.029	ng/ul	98
8) 1-Methylnaphthalene	12.656	142	1067	0.022	ng/ul	98
10) Acenaphthylene	14.325	152	3596	0.052	ng/ul#	93
11) Acenaphthene	14.667	153	1257	0.022	ng/ul	96
15) Phenanthrene	17.393	178	29521	0.316	ng/ul	99
16) Anthracene	17.482	178	5446	0.066	ng/ul#	90
19) Fluoranthene	19.410	202	83650	1.029	ng/ul	97
20) Pyrene	19.768	202	69107	0.817	ng/ul	98
21) Benzo(a)anthracene	21.520	228	29287	0.466	ng/ul	96
22) Chrysene	21.576	228	35572	0.544	ng/ul	96
24) Benzo(b)fluoranthene	23.247	252	73080	1.127	ng/ul	100
26) Benzo(a)pyrene	23.891	252	32266	0.573	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.581	276	28059	0.456	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.591	278	6742	0.145	ng/ul#	70
29) Benzo(g,h,i)perylene	27.376	276	25862	0.473	ng/ul	98

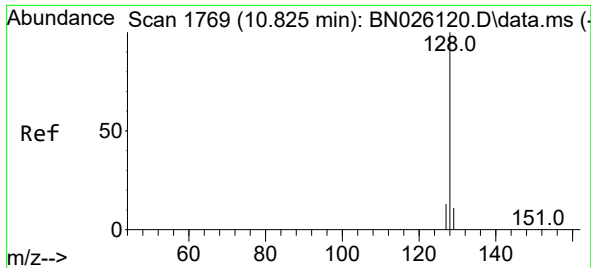
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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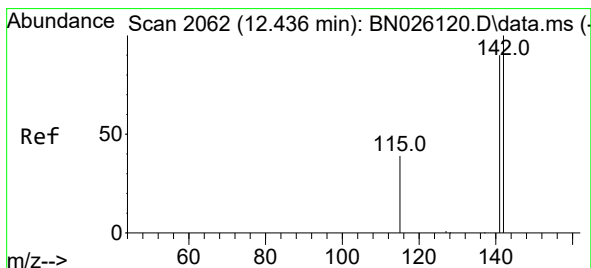
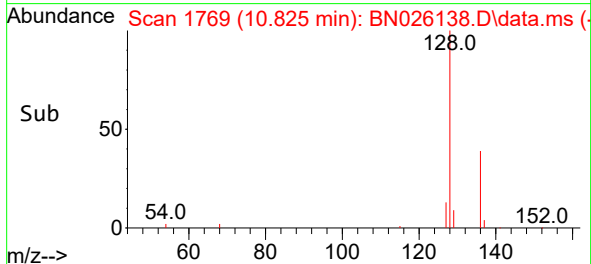
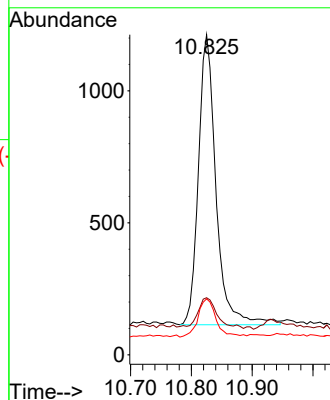
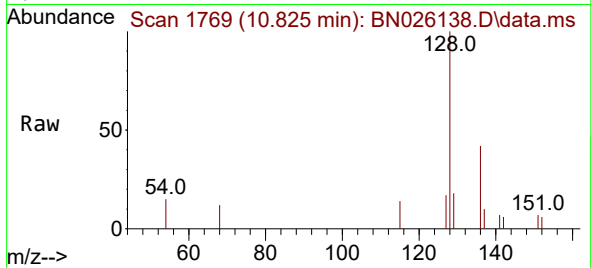




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

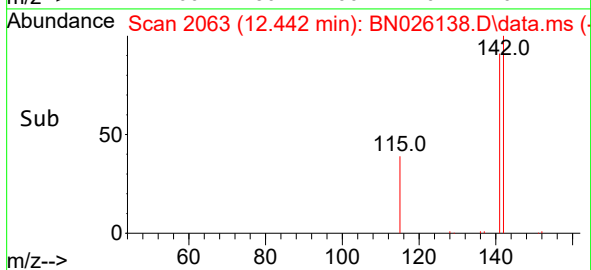
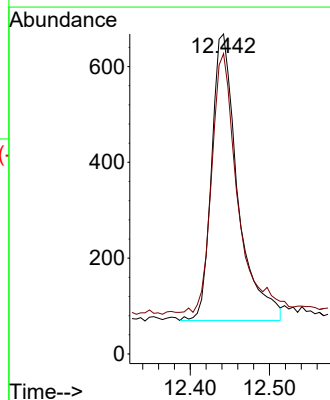
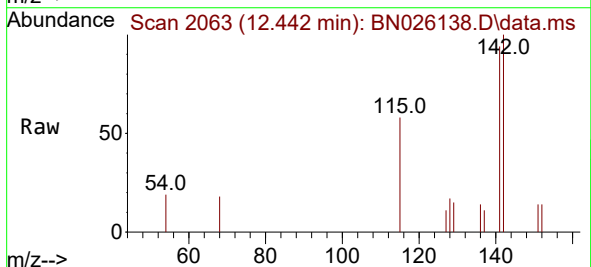
Instrument :
BNA_N
ClientSampleId :
DCFV5DL

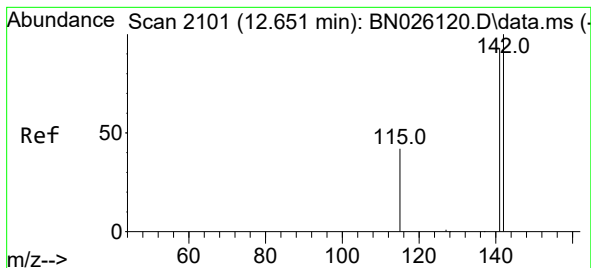
Tgt Ion:128 Resp: 2213
Ion Ratio Lower Upper
128 100
129 17.8 9.1 13.7#
127 17.5 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

Tgt Ion:142 Resp: 1369
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.656 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

Instrument :

BNA_N

ClientSampleId :

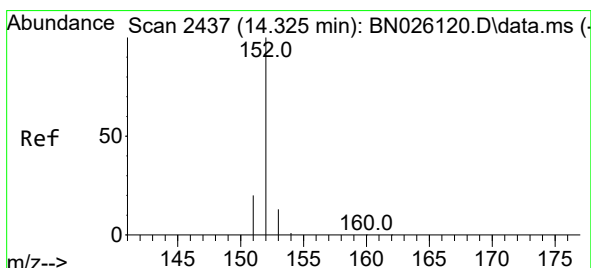
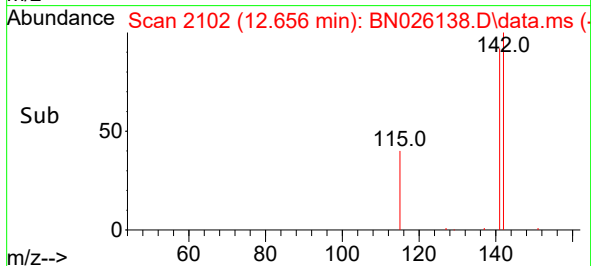
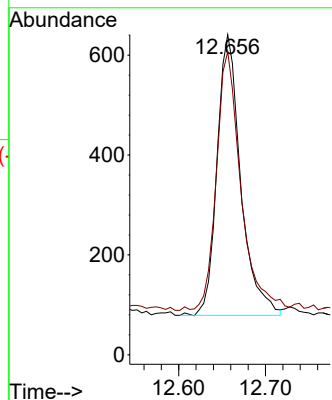
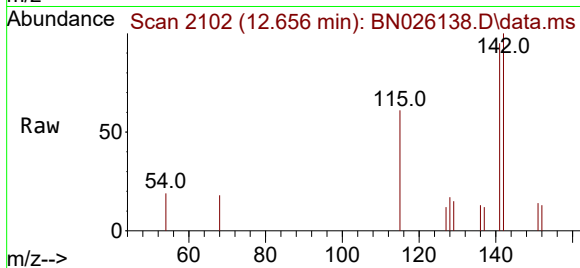
DCFV5DL

Tgt Ion:142 Resp: 1067

Ion Ratio Lower Upper

142 100

141 95.0 74.2 111.4



#10

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.325 min Scan# 2437

Delta R.T. -0.001 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

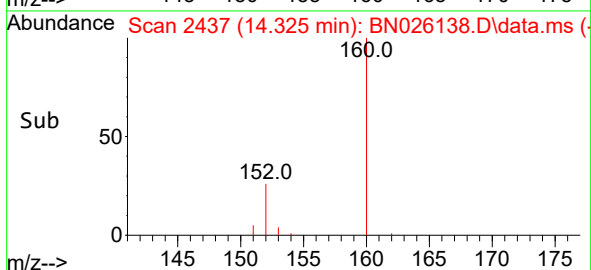
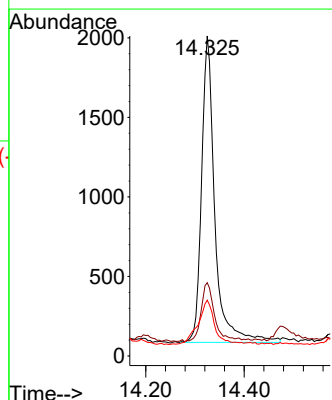
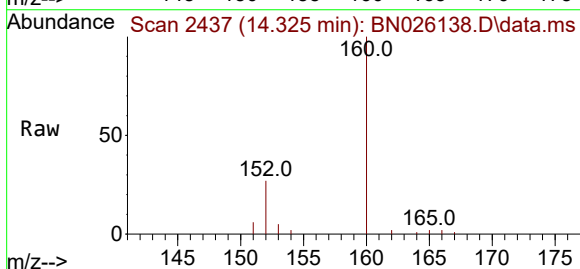
Tgt Ion:152 Resp: 3596

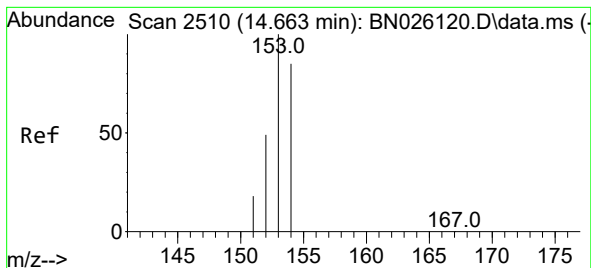
Ion Ratio Lower Upper

152 100

151 22.9 16.2 24.4

153 17.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.667 min Scan# 2511

Delta R.T. -0.001 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

Instrument :

BNA_N

ClientSampleId :

DCFV5DL

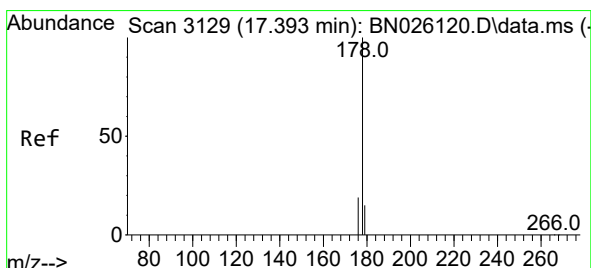
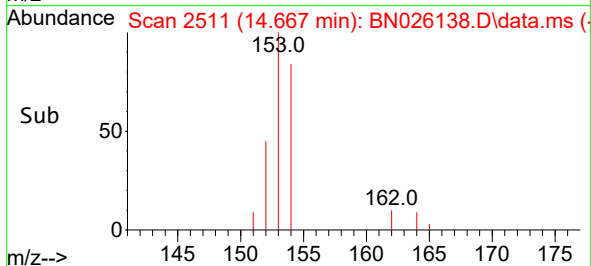
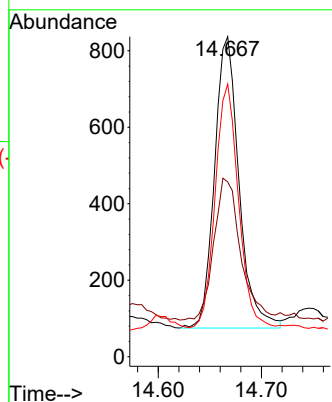
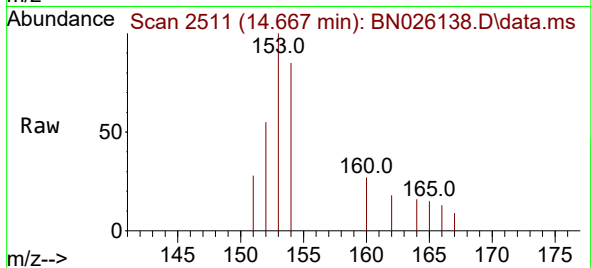
Tgt Ion:153 Resp: 1257

Ion Ratio Lower Upper

153 100

152 54.6 39.4 59.0

154 85.2 68.9 103.3



#15

Phenanthrene

Concen: 0.316 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.001 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

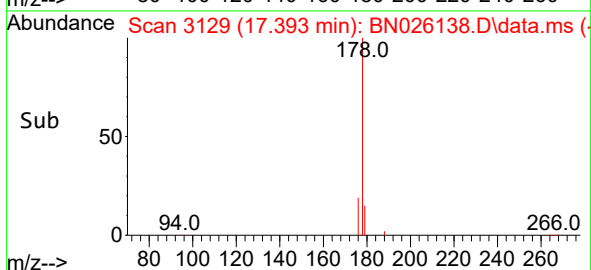
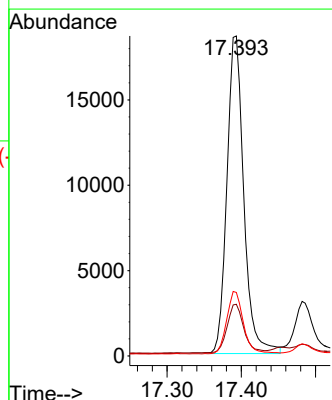
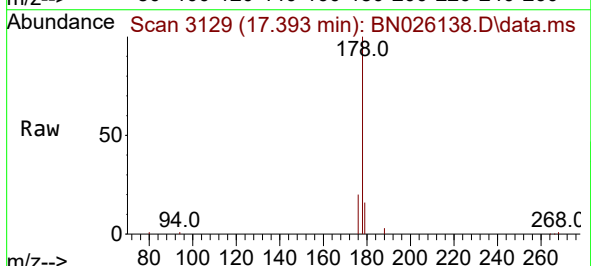
Tgt Ion:178 Resp: 29521

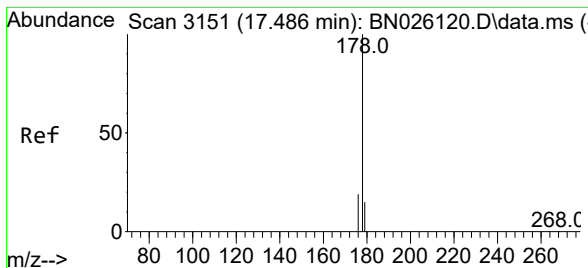
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.9 15.8 23.6





#16

Anthracene

Concen: 0.066 ng/ul

RT: 17.482 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

Instrument :

BNA_N

ClientSampleId :

DCFV5DL

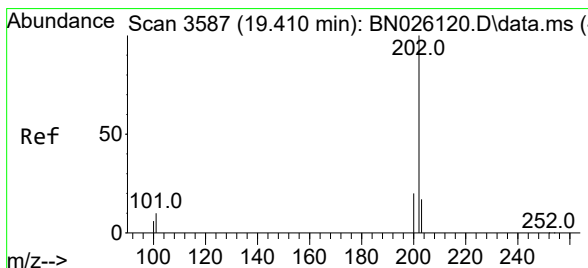
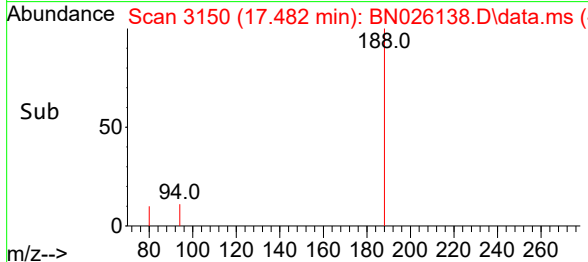
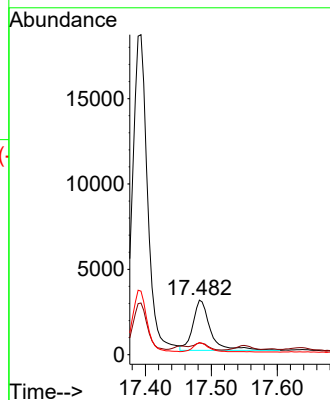
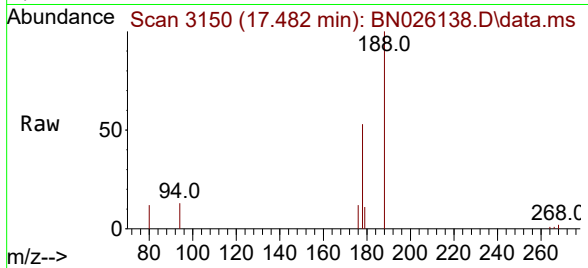
Tgt Ion:178 Resp: 5446

Ion Ratio Lower Upper

178 100

179 21.3 12.6 18.8#

176 22.2 15.1 22.7



#19

Fluoranthene

Concen: 1.029 ng/ul

RT: 19.410 min Scan# 3587

Delta R.T. -0.001 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

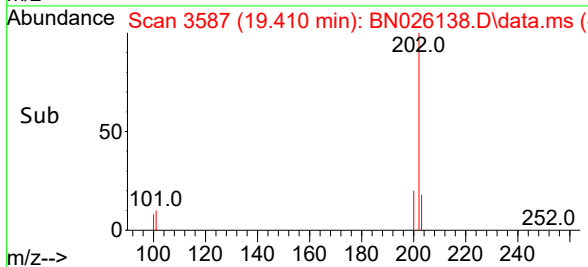
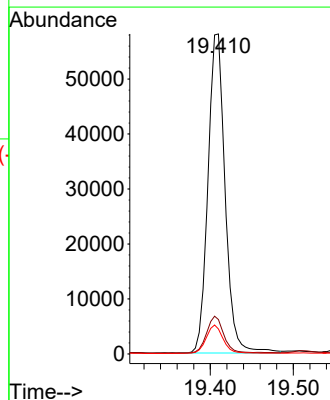
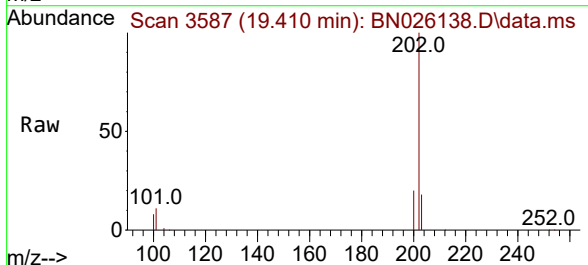
Tgt Ion:202 Resp: 83650

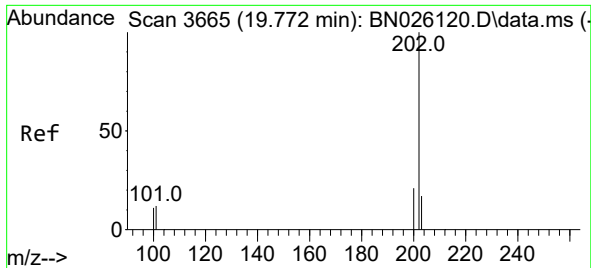
Ion Ratio Lower Upper

202 100

101 10.7 9.5 14.3

100 7.8 7.3 10.9

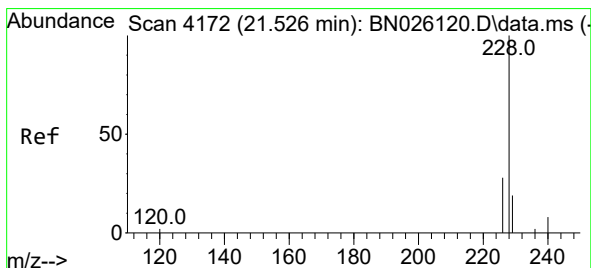
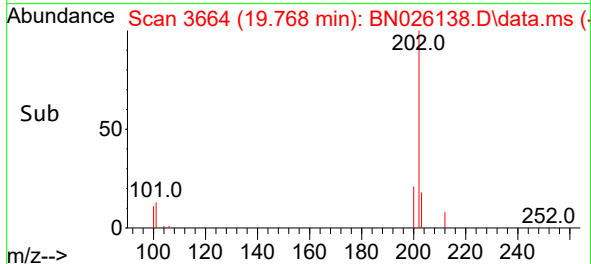
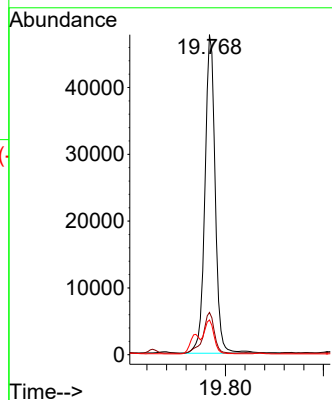
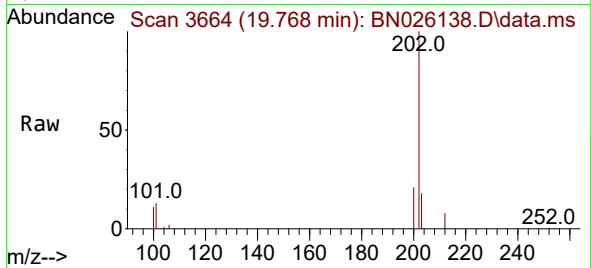




#20
Pyrene
Concen: 0.817 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

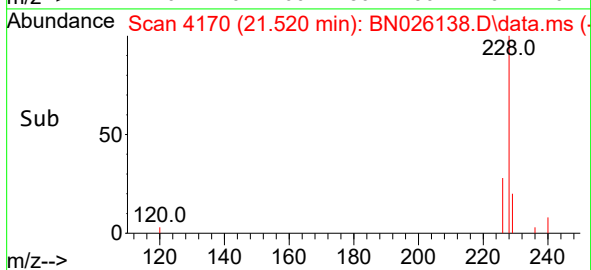
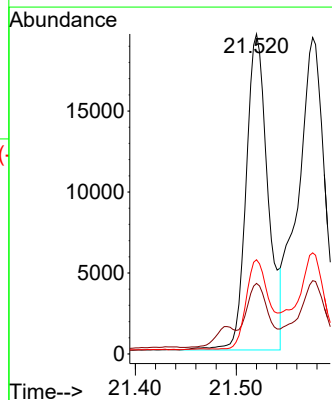
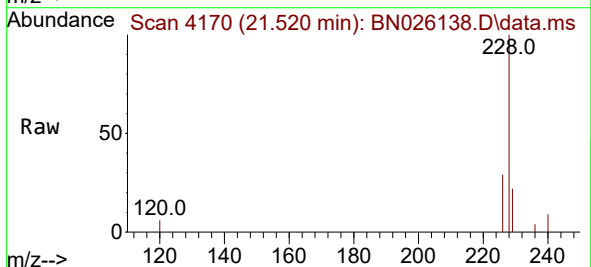
Instrument :
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DCFV5DL

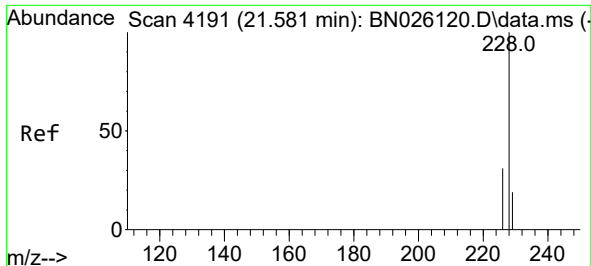
Tgt Ion:202 Resp: 69107
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.007 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

Tgt Ion:228 Resp: 29287
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.4 22.5 33.7





#22

Chrysene

Concen: 0.544 ng/ul

RT: 21.576 min Scan# 4189

Delta R.T. -0.004 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

Instrument :

BNA_N

ClientSampleId :

DCFV5DL

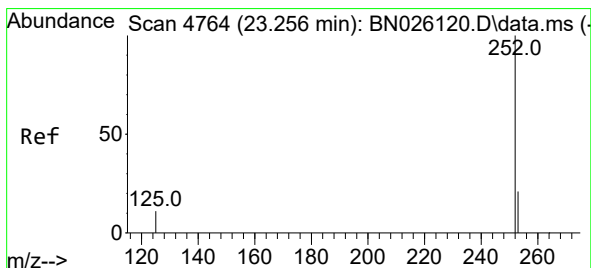
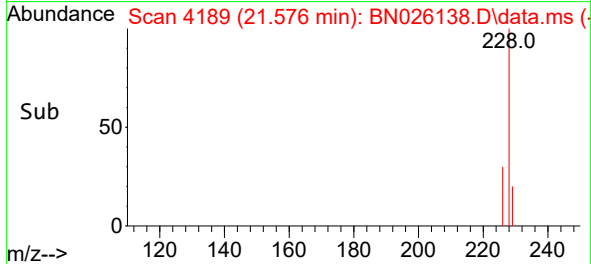
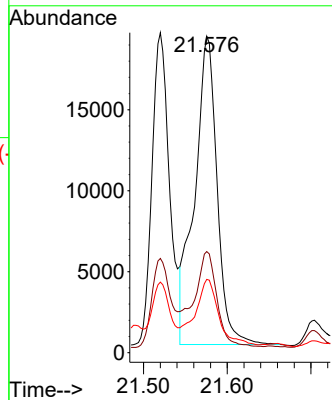
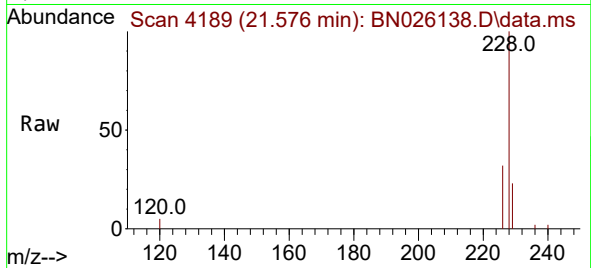
Tgt Ion:228 Resp: 35572

Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

229 23.1 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 1.127 ng/ul

RT: 23.247 min Scan# 4761

Delta R.T. 0.005 min

Lab File: BN026138.D

Acq: 30 Jun 2023 20:10

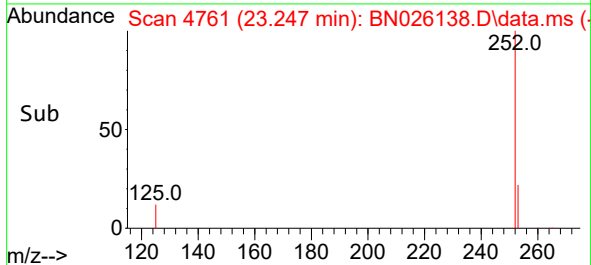
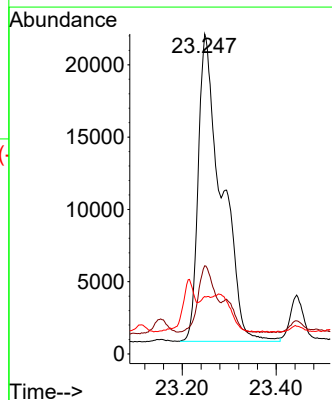
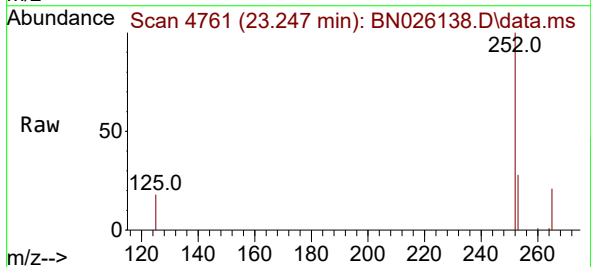
Tgt Ion:252 Resp: 73080

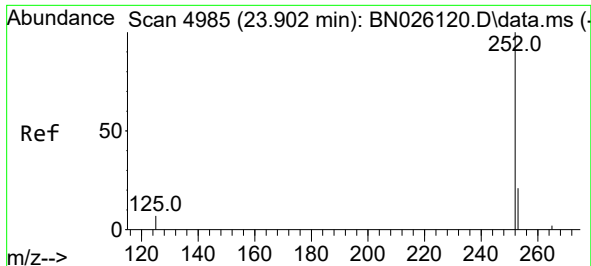
Ion Ratio Lower Upper

252 100

253 27.6 0.0 55.6

125 17.9 0.0 35.8

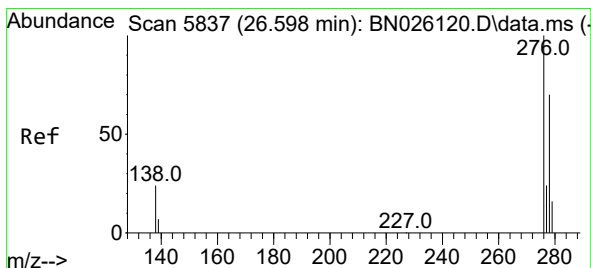
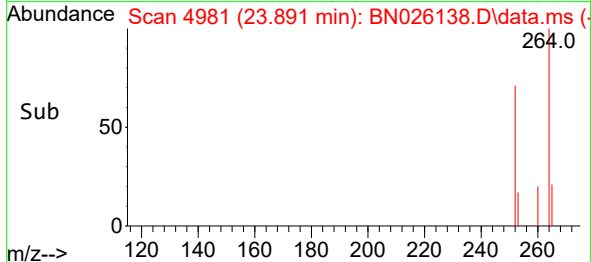
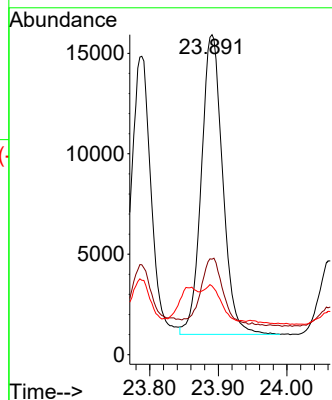
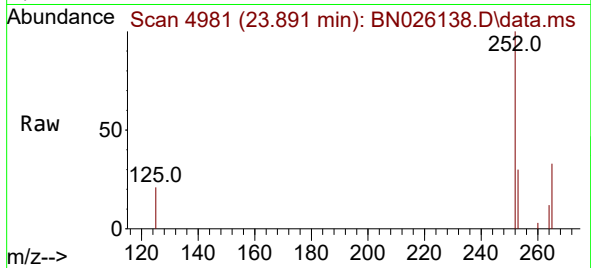




#26
Benzo(a)pyrene
Concen: 0.573 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.005 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

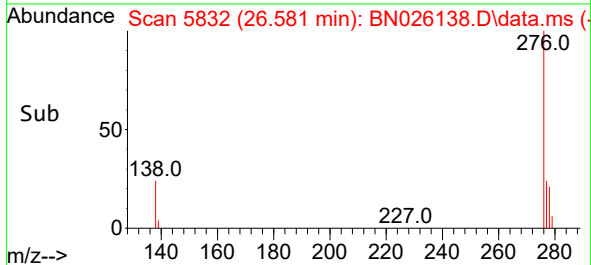
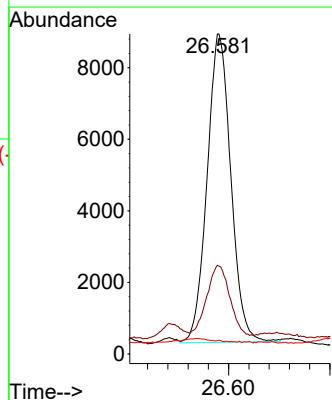
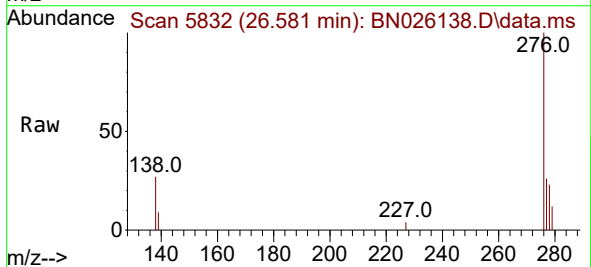
Instrument :
BNA_N
ClientSampleId :
DCFV5DL

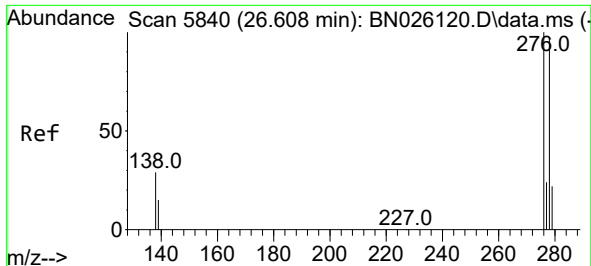
Tgt Ion:252 Resp: 32266
Ion Ratio Lower Upper
252 100
253 29.9 26.0 39.0
125 21.5 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. 0.023 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

Tgt Ion:276 Resp: 28059
Ion Ratio Lower Upper
276 100
138 23.9 24.5 36.7#
227 0.0 0.0 0.0

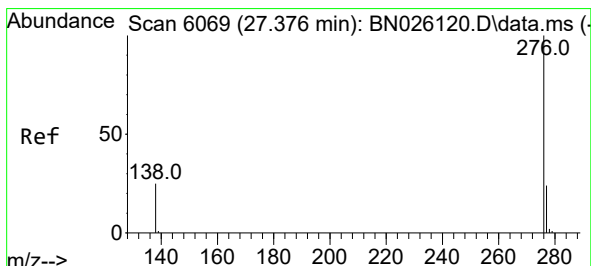
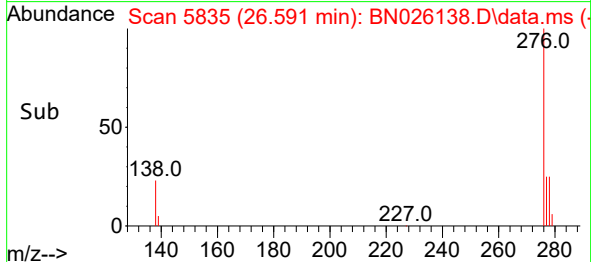
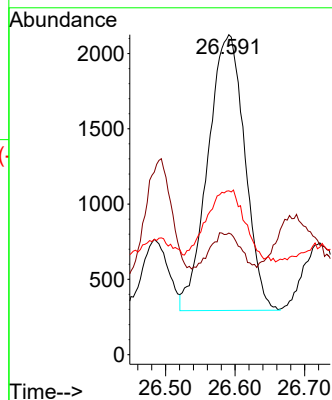
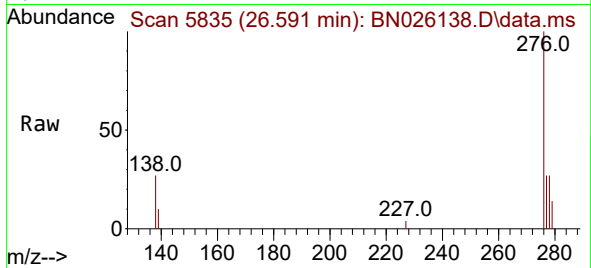




#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. 0.013 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

Instrument :
BNA_N
ClientSampleId :
DCFV5DL

Tgt Ion:278 Resp: 6742
Ion Ratio Lower Upper
278 100
139 38.0 19.0 28.4#
279 51.2 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. 0.029 min
Lab File: BN026138.D
Acq: 30 Jun 2023 20:10

Tgt Ion:276 Resp: 25862
Ion Ratio Lower Upper
276 100
138 28.8 23.4 35.0
277 27.0 20.0 30.0

