

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026190.D
 Acq On : 02 Jul 2023 15:45
 Operator : MA/JU
 Sample : 03247-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL8

Quant Time: Jul 03 05:40:34 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)

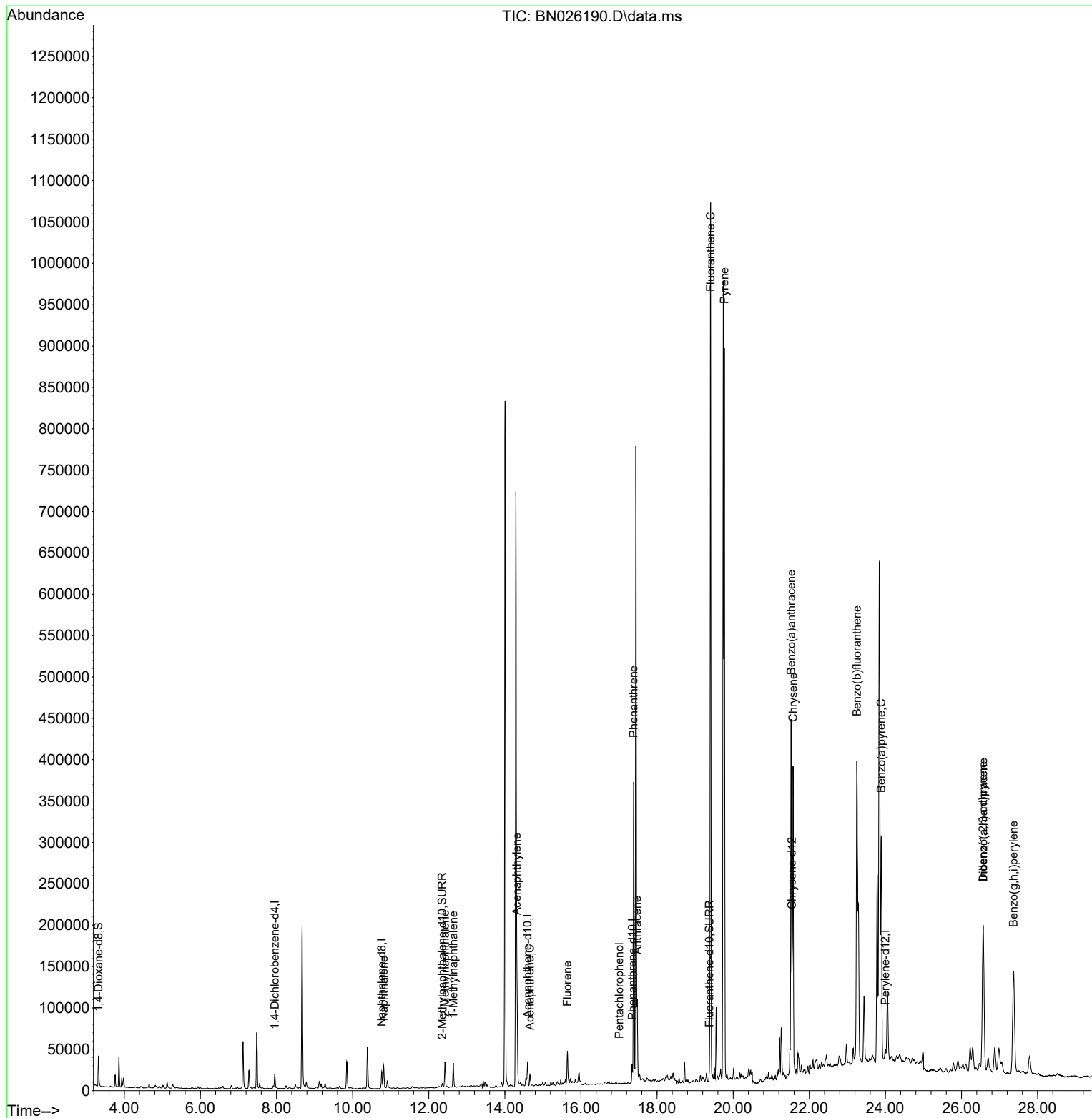
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	29084	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.598	164	17468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	26986	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.538	240	17616	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	21338	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	24477	2.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7173	0.160	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	10633	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	40172	0.482	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	23608	0.445	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	20217	0.368	ng/ul	100
10) Acenaphthylene	14.316	152	145748	1.782	ng/ul	99
11) Acenaphthene	14.658	153	7819	0.117	ng/ul#	94
12) Fluorene	15.643	166	25849	0.337	ng/ul#	95
14) Pentachlorophenol	17.005	266	475	0.049	ng/ul	92
15) Phenanthrene	17.385	178	396850	4.452	ng/ul	100
16) Anthracene	17.478	178	105381	1.330	ng/ul	97
19) Fluoranthene	19.405	202	914694	9.721	ng/ul	97
20) Pyrene	19.768	202	721630	7.374	ng/ul	95
21) Benzo(a)anthracene	21.520	228	384314	5.288	ng/ul	96
22) Chrysene	21.576	228	399998	5.290	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	867965	9.530	ng/ul	91
26) Benzo(a)pyrene	23.891	252	398577	5.039	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.568	276	324096	3.751	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.571	278	81583	1.248	ng/ul#	90
29) Benzo(g,h,i)perylene	27.369	276	302181	3.932	ng/ul	93

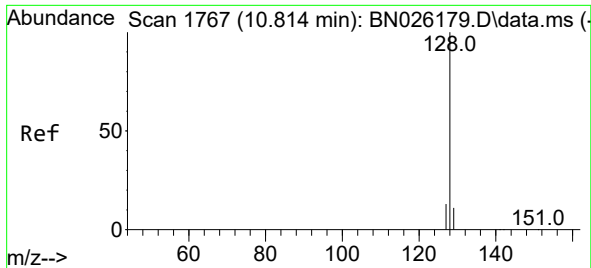
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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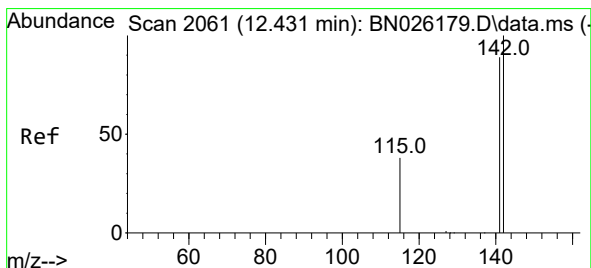
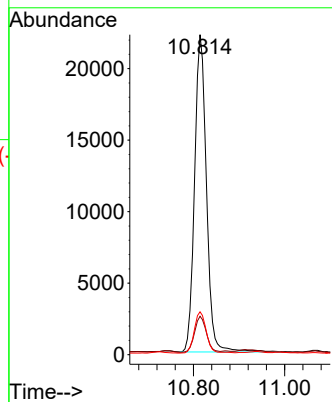
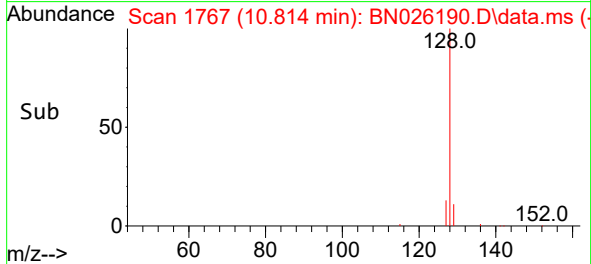
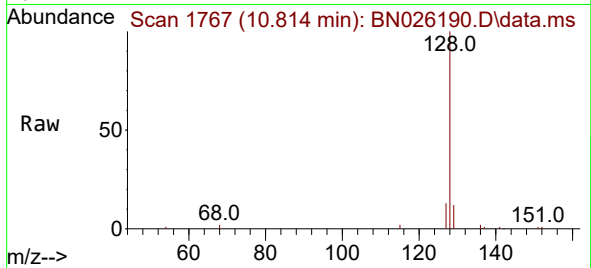




#5
Naphthalene
Concen: 0.482 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

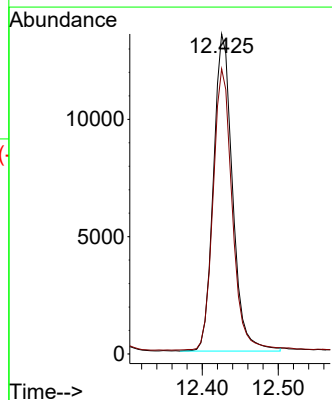
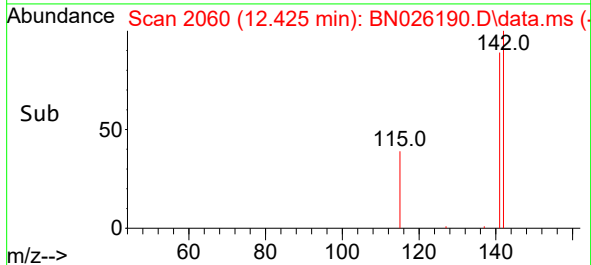
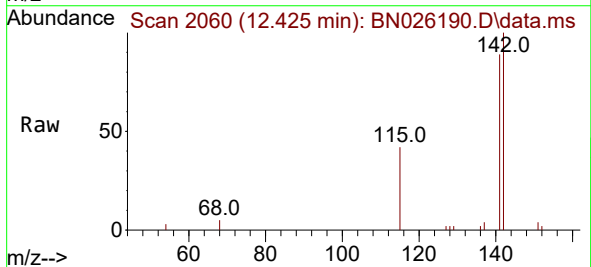
Instrument :
BNA_N
ClientSampleId :
DCGL8

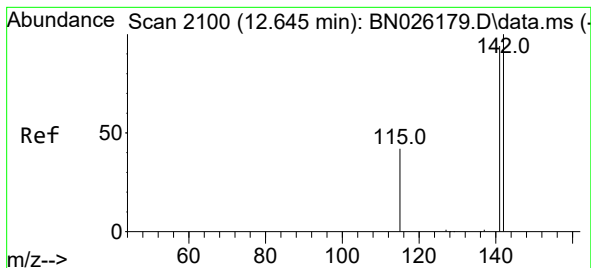
Tgt Ion:128 Resp: 40172
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

Tgt Ion:142 Resp: 23608
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.368 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

Instrument :

BNA_N

ClientSampleId :

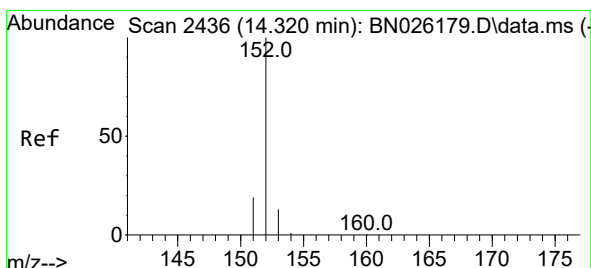
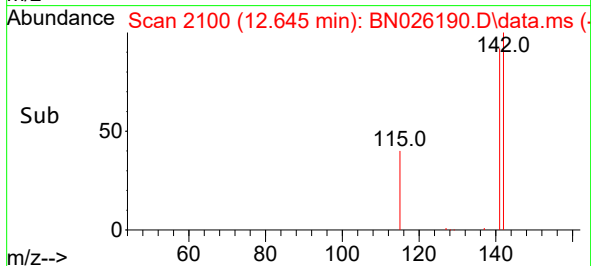
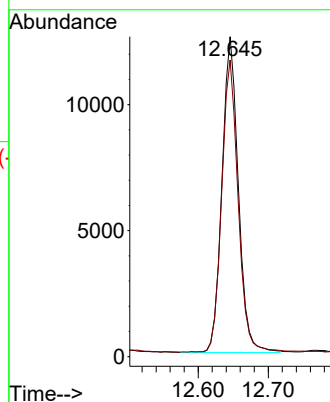
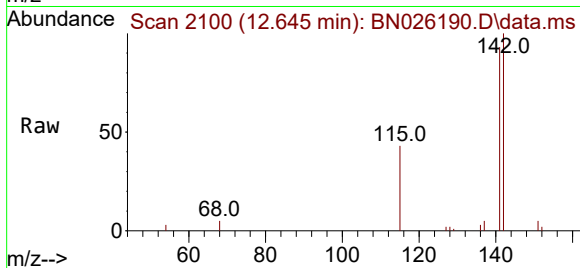
DCGL8

Tgt Ion:142 Resp: 20217

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4



#10

Acenaphthylene

Concen: 1.782 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

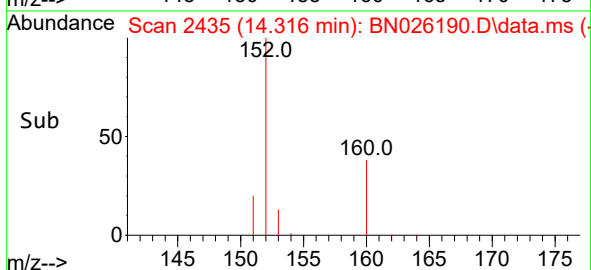
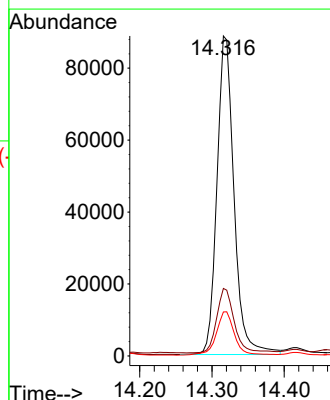
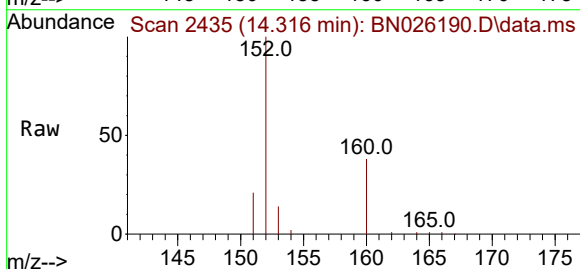
Tgt Ion:152 Resp: 145748

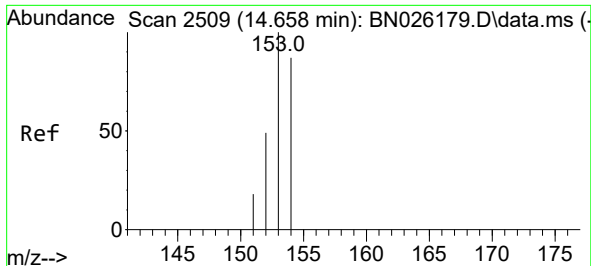
Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

153 13.7 10.9 16.3

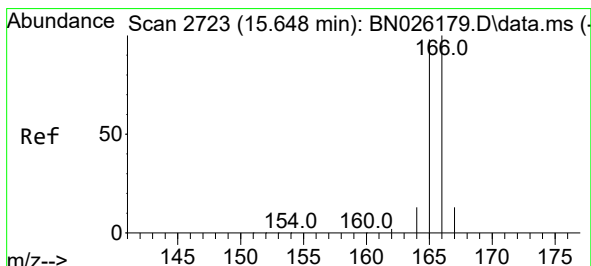
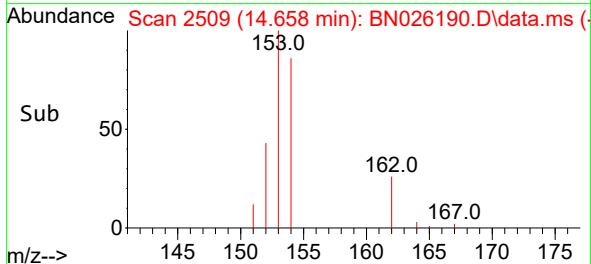
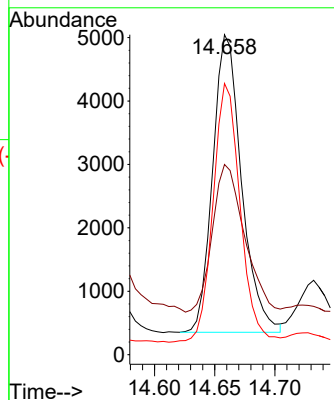
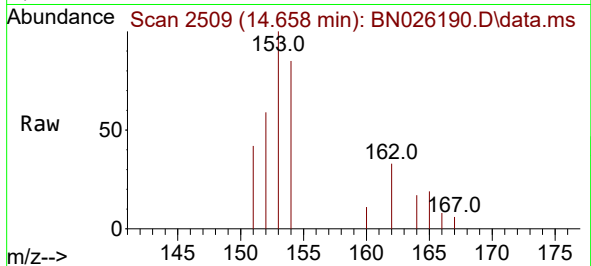




#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.658 min Scan# 2111
Delta R.T. -0.010 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

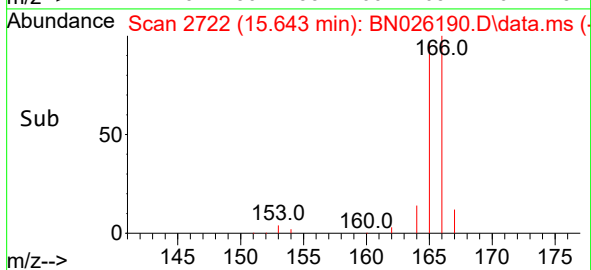
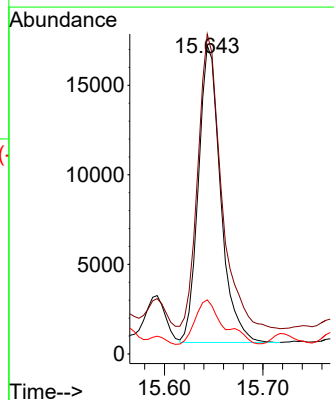
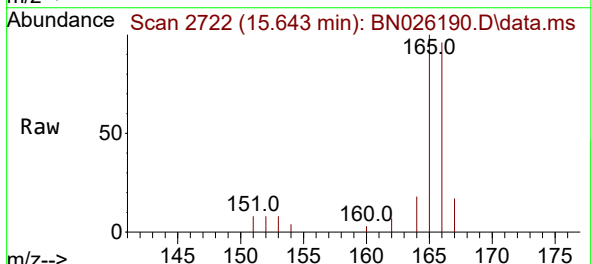
Instrument :
BNA_N
ClientSampleId :
DCGL8

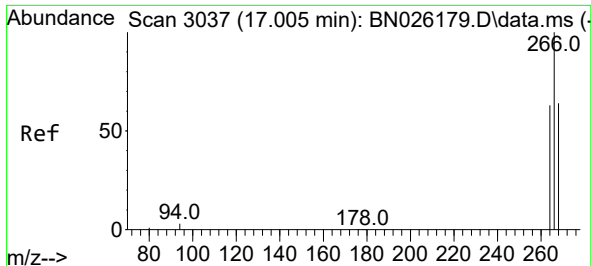
Tgt Ion:153 Resp: 7819
Ion Ratio Lower Upper
153 100
152 59.5 39.4 59.0#
154 84.7 68.9 103.3



#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

Tgt Ion:166 Resp: 25849
Ion Ratio Lower Upper
166 100
165 103.7 79.9 119.9
167 17.5 10.8 16.2#

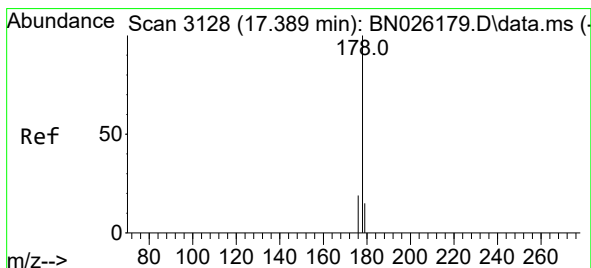
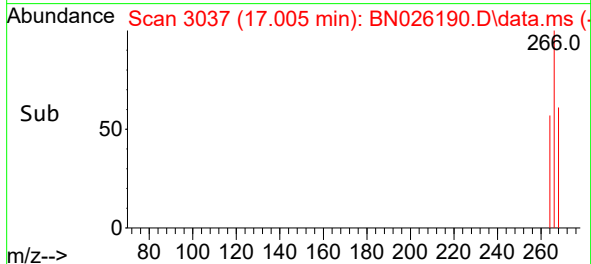
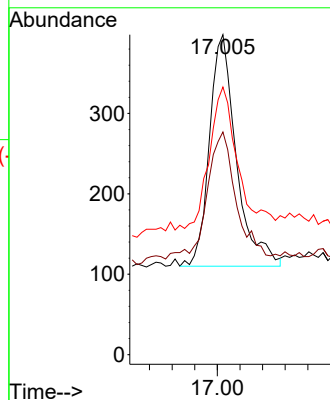
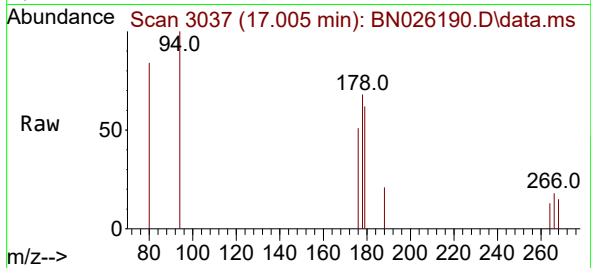




#14
 Pentachlorophenol
 Concen: 0.049 ng/ul
 RT: 17.005 min Scan# 3037
 Delta R.T. -0.005 min
 Lab File: BN026190.D
 Acq: 02 Jul 2023 15:45

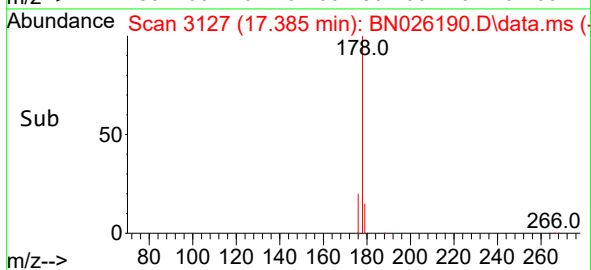
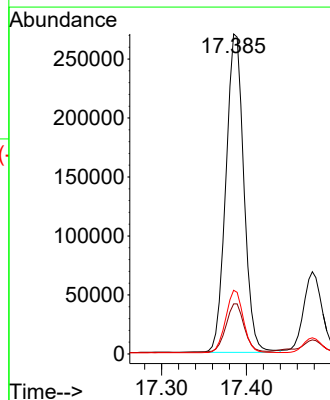
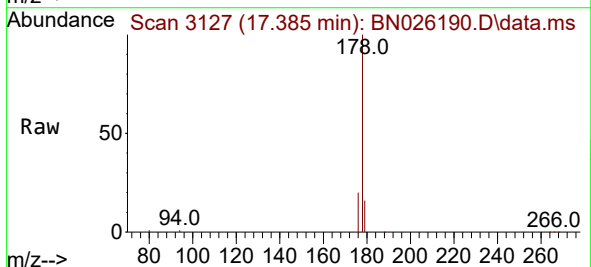
Instrument :
 BNA_N
 ClientSampleId :
 DCGL8

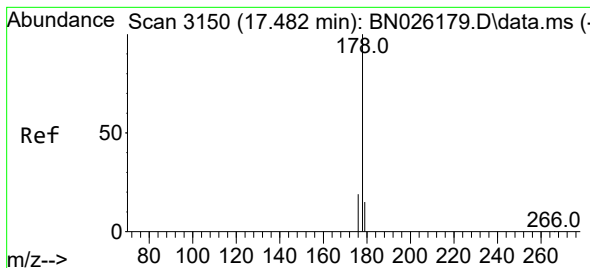
Tgt Ion:266 Resp: 475
 Ion Ratio Lower Upper
 266 100
 264 64.4 50.5 75.7
 268 75.4 51.6 77.4



#15
 Phenanthrene
 Concen: 4.452 ng/ul
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BN026190.D
 Acq: 02 Jul 2023 15:45

Tgt Ion:178 Resp: 396850
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.9 15.8 23.6





#16

Anthracene

Concen: 1.330 ng/ul

RT: 17.478 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

Instrument :

BNA_N

ClientSampleId :

DCGL8

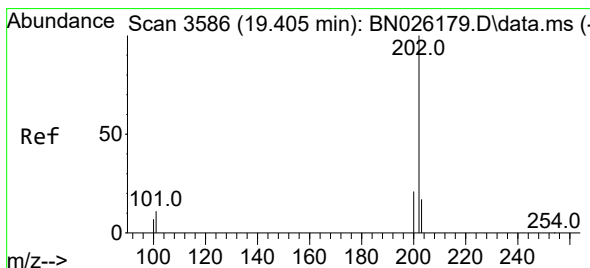
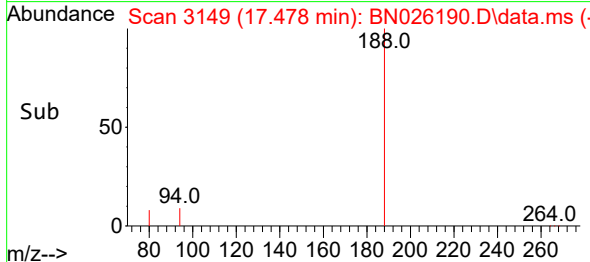
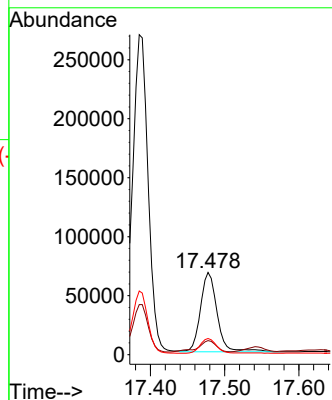
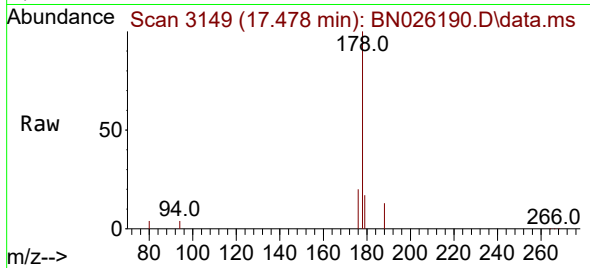
Tgt Ion:178 Resp: 105381

Ion Ratio Lower Upper

178 100

179 17.2 12.6 18.8

176 19.7 15.1 22.7



#19

Fluoranthene

Concen: 9.721 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.005 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

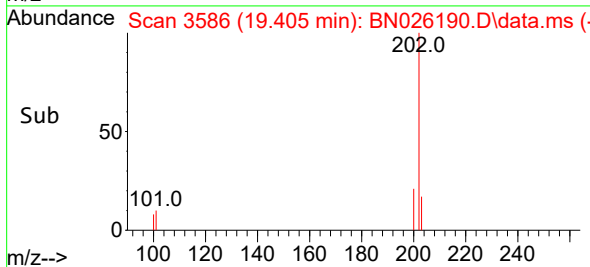
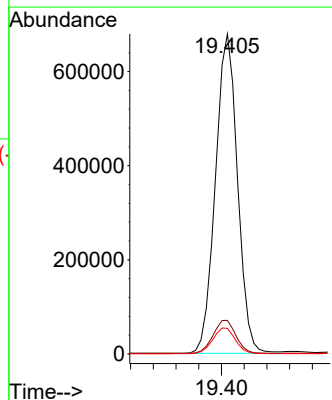
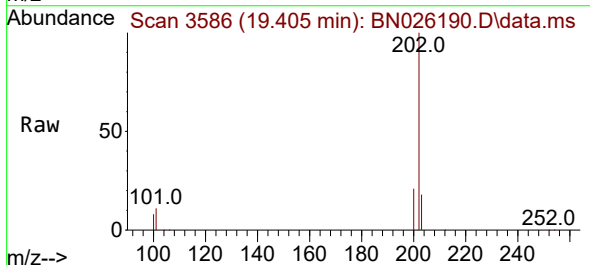
Tgt Ion:202 Resp: 914694

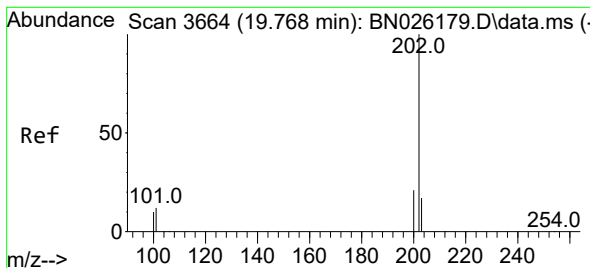
Ion Ratio Lower Upper

202 100

101 10.5 9.5 14.3

100 8.0 7.3 10.9





#20

Pyrene

Concen: 7.374 ng/ul

RT: 19.768 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

Instrument :

BNA_N

ClientSampleId :

DCGL8

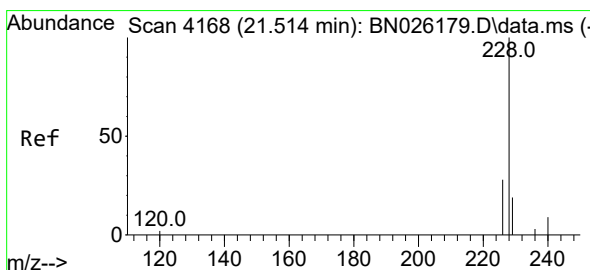
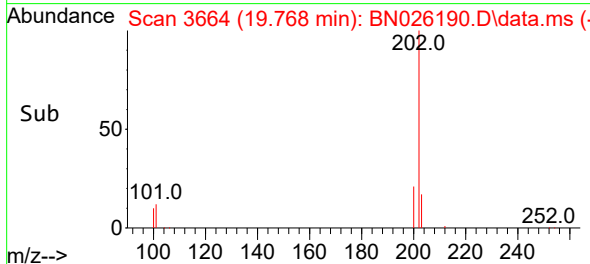
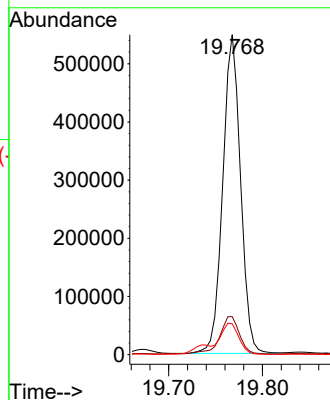
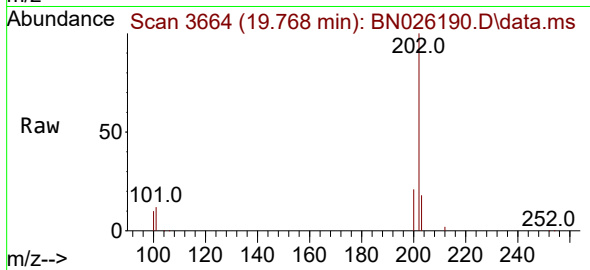
Tgt Ion:202 Resp: 721630

Ion Ratio Lower Upper

202 100

101 11.9 11.4 17.0

100 9.7 9.1 13.7



#21

Benzo(a)anthracene

Concen: 5.288 ng/ul

RT: 21.520 min Scan# 4170

Delta R.T. -0.007 min

Lab File: BN026190.D

Acq: 02 Jul 2023 15:45

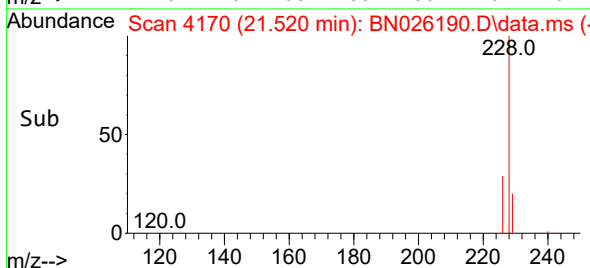
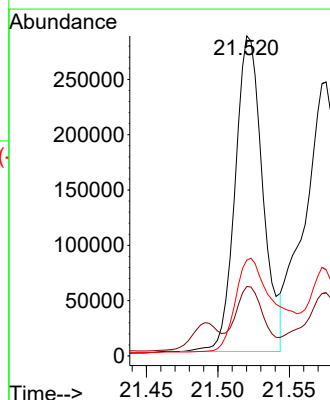
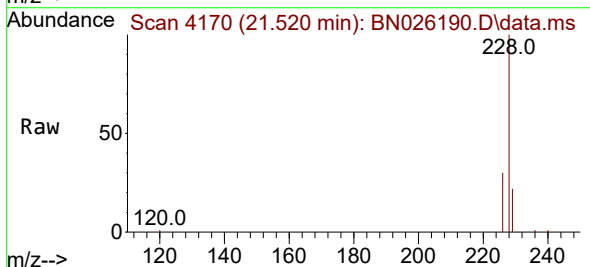
Tgt Ion:228 Resp: 384314

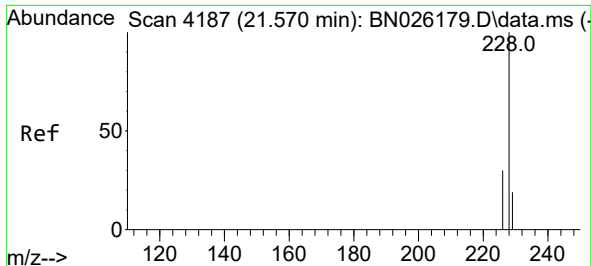
Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.6

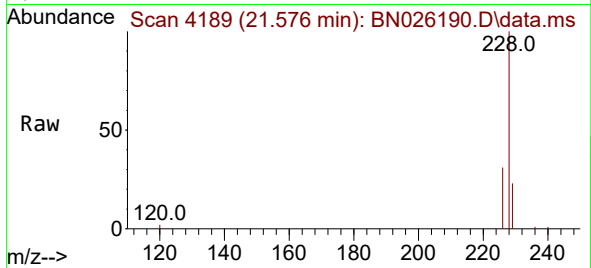
226 29.9 22.5 33.7



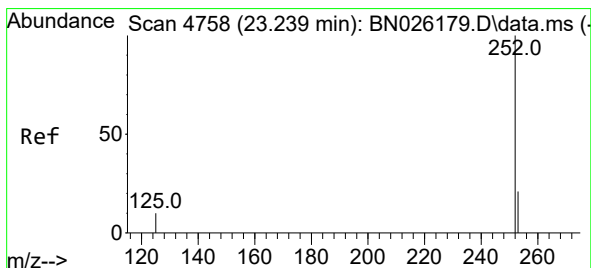
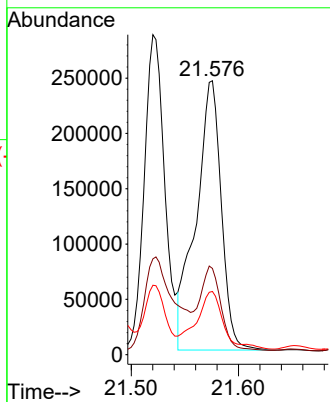
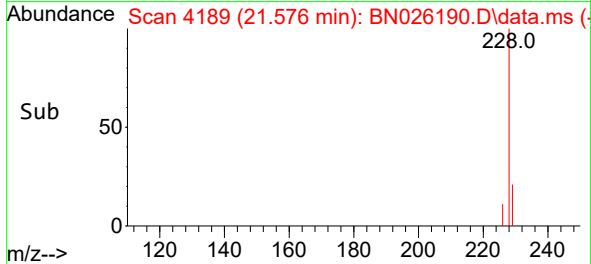


#22
Chrysene
Concen: 5.290 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

Instrument :
BNA_N
ClientSampleId :
DCGL8

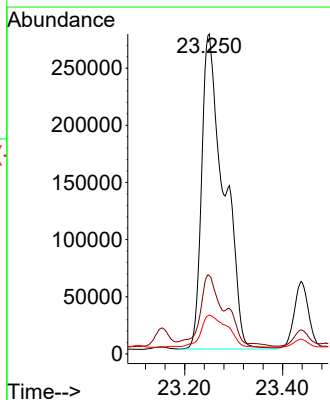
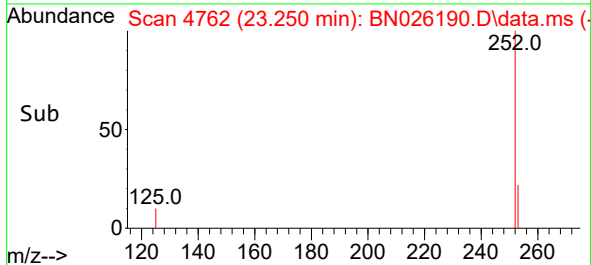
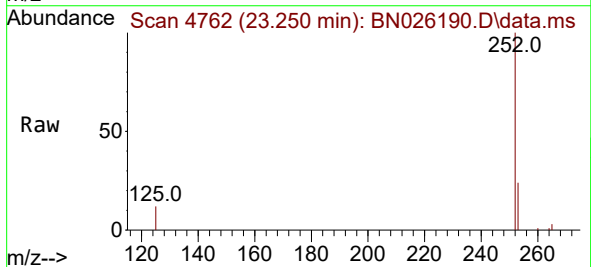


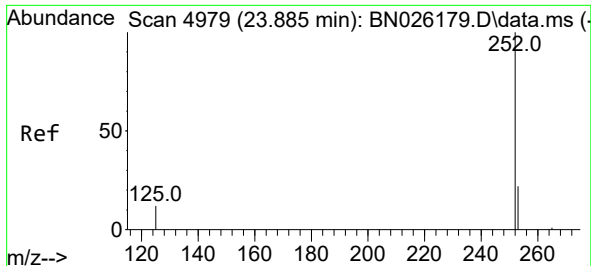
Tgt Ion:228 Resp: 399998
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 23.1 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 9.530 ng/ul
RT: 23.250 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

Tgt Ion:252 Resp: 867965
Ion Ratio Lower Upper
252 100
253 24.4 0.0 55.6
125 12.2 0.0 35.8

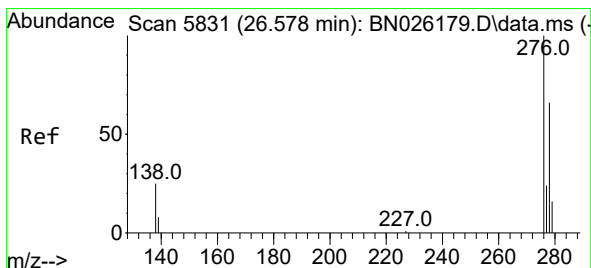
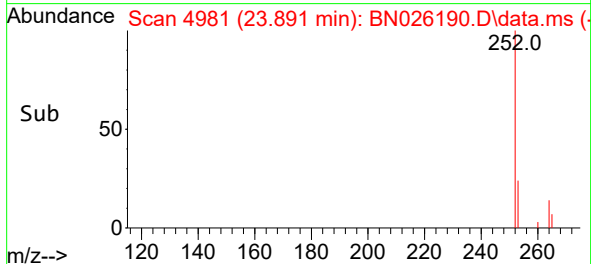
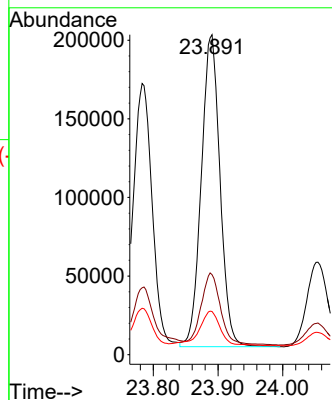
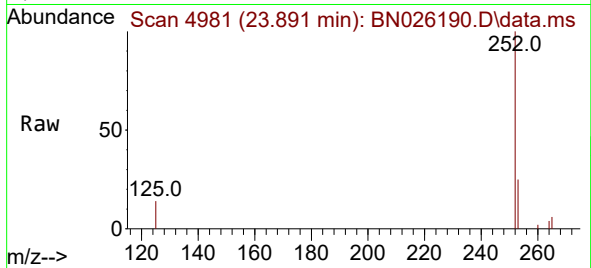




#26
Benzo(a)pyrene
Concen: 5.039 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.005 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

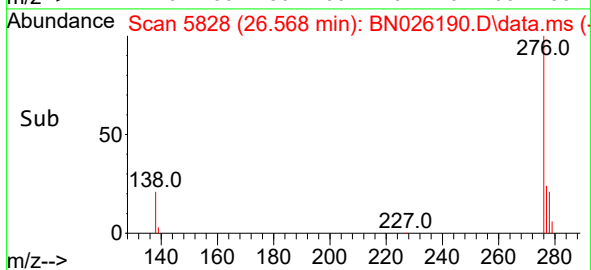
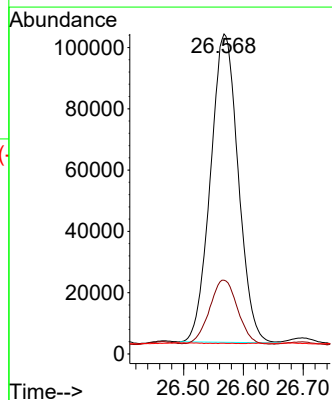
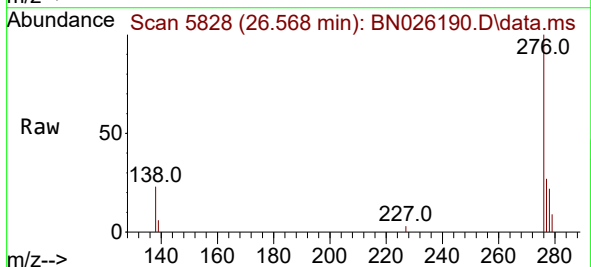
Instrument :
BNA_N
ClientSampleId :
DCGL8

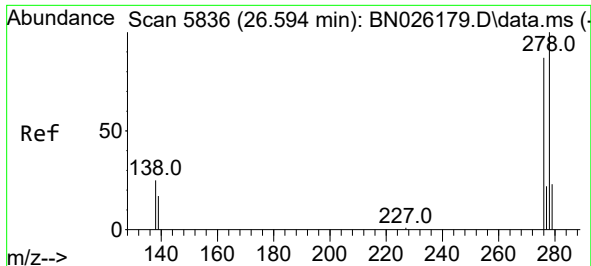
Tgt Ion:252 Resp: 398577
Ion Ratio Lower Upper
252 100
253 25.0 26.0 39.0#
125 13.5 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.751 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. 0.009 min
Lab File: BN026190.D
Acq: 02 Jul 2023 15:45

Tgt Ion:276 Resp: 324096
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.0 0.0 0.0

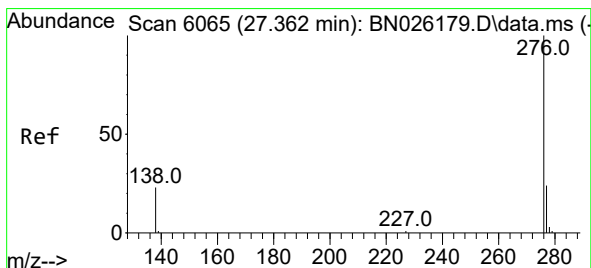
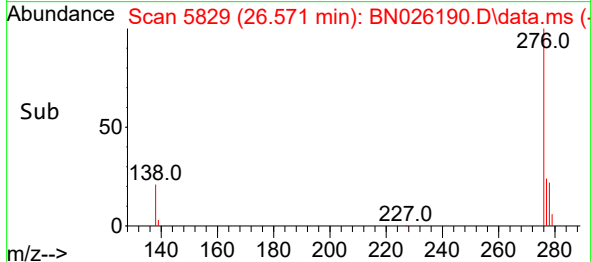
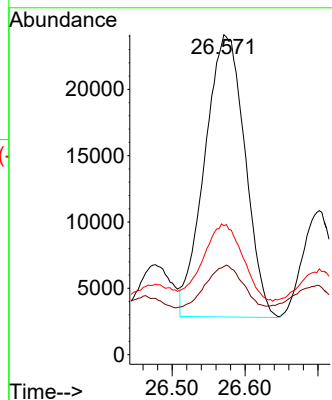
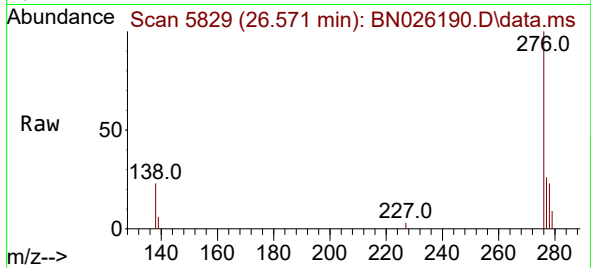




#28
 Dibenzo(a,h)anthracene
 Concen: 1.248 ng/ul
 RT: 26.571 min Scan# 5829
 Delta R.T. -0.007 min
 Lab File: BN026190.D
 Acq: 02 Jul 2023 15:45

Instrument :
 BNA_N
 ClientSampleId :
 DCGL8

Tgt Ion:278 Resp: 81583
 Ion Ratio Lower Upper
 278 100
 139 27.6 19.0 28.4
 279 40.3 26.7 40.1#



#29
 Benzo(g,h,i)perylene
 Concen: 3.932 ng/ul
 RT: 27.369 min Scan# 6067
 Delta R.T. 0.023 min
 Lab File: BN026190.D
 Acq: 02 Jul 2023 15:45

Tgt Ion:276 Resp: 302181
 Ion Ratio Lower Upper
 276 100
 138 23.6 23.4 35.0
 277 26.1 20.0 30.0

