

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026185.D
 Acq On : 02 Jul 2023 12:42
 Operator : MA/JU
 Sample : 03247-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL3

Quant Time: Jul 03 05:39:42 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)

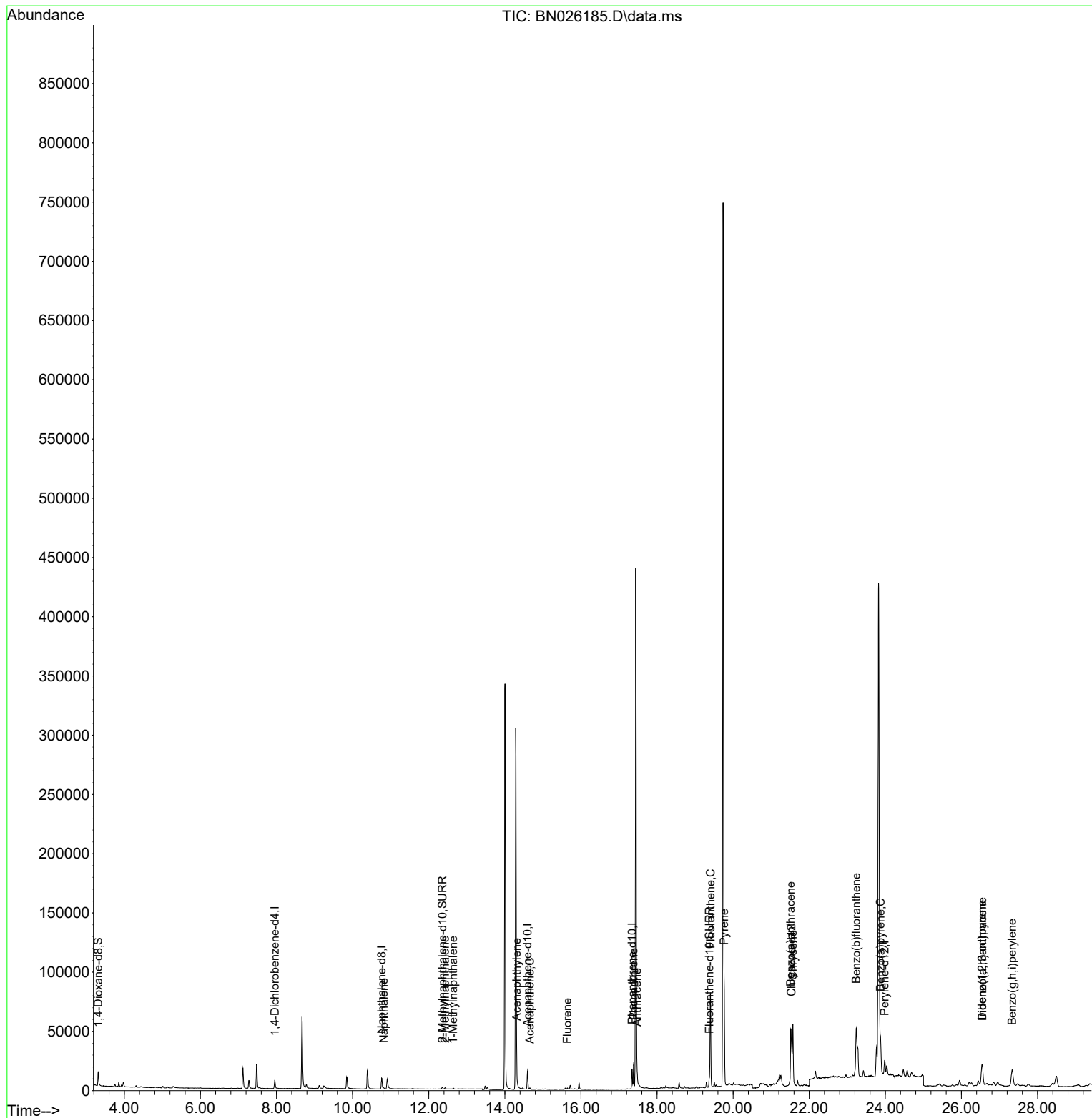
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	4173	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	13938	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.597	164	8858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	21392	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	19863	0.400	ng/ul	#-0.01
23) Perylene-d12	23.983	264	19966	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	8189	1.743	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.358	152	2481	0.116	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	8257	0.109	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	1398	0.035	ng/ul#	78
7) 2-Methylnaphthalene	12.430	142	909	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	636	0.024	ng/ul	100
10) Acenaphthylene	14.315	152	2533	0.061	ng/ul#	85
11) Acenaphthene	14.658	153	717	0.021	ng/ul#	93
12) Fluorene	15.643	166	814	0.021	ng/ul#	86
15) Phenanthrene	17.384	178	22280	0.315	ng/ul	98
16) Anthracene	17.477	178	4701	0.075	ng/ul#	89
19) Fluoranthene	19.404	202	73528	0.693	ng/ul	99
20) Pyrene	19.767	202	65630	0.595	ng/ul	96
21) Benzo(a)anthracene	21.513	228	38923	0.475	ng/ul#	92
22) Chrysene	21.569	228	47686	0.559	ng/ul#	88
24) Benzo(b)fluoranthene	23.235	252	98314	1.154	ng/ul	99
26) Benzo(a)pyrene	23.872	252	42515	0.574	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.543	276	36261	0.449	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.550	278	8472	0.138	ng/ul#	62
29) Benzo(g,h,i)perylene	27.331	276	34687	0.482	ng/ul	98

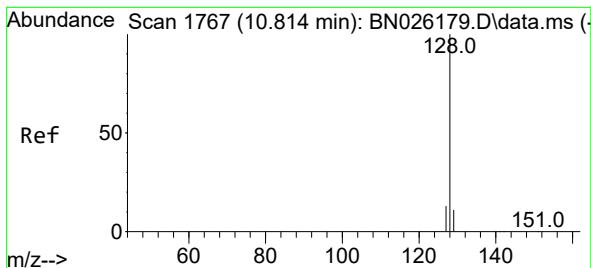
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.035 ng/ul

RT: 10.818 min Scan# 1767

Delta R.T. -0.007 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCGL3

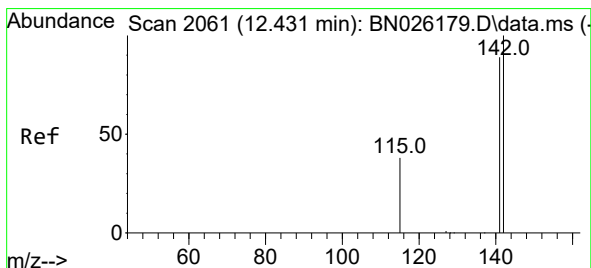
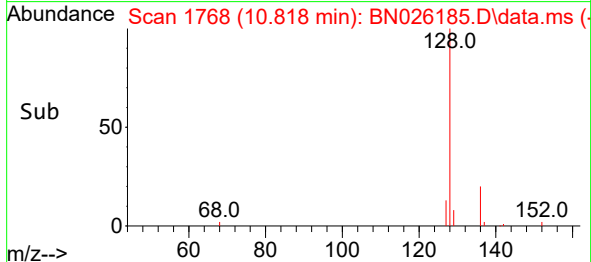
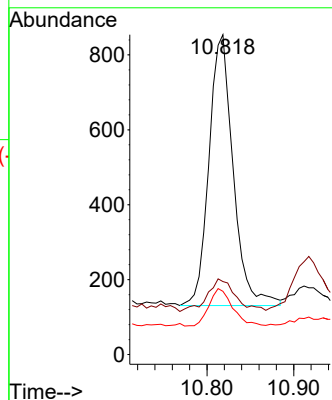
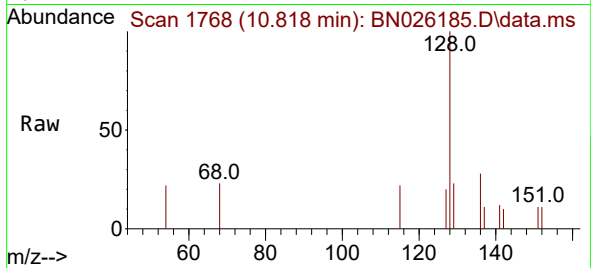
Tgt Ion:128 Resp: 1398

Ion Ratio Lower Upper

128 100

129 22.8 9.1 13.7#

127 19.8 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.430 min Scan# 2061

Delta R.T. -0.007 min

Lab File: BN026185.D

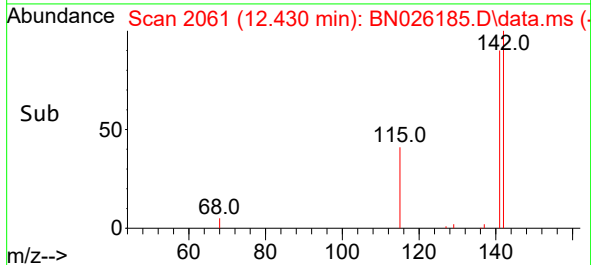
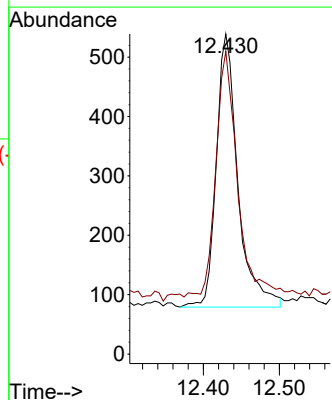
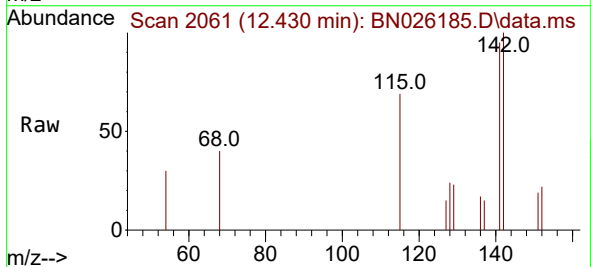
Acq: 02 Jul 2023 12:42

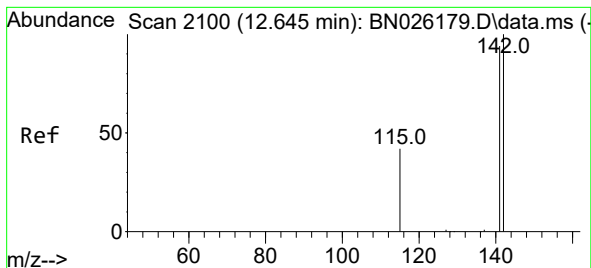
Tgt Ion:142 Resp: 909

Ion Ratio Lower Upper

142 100

141 90.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.644 min Scan# 2100

Delta R.T. -0.007 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

Instrument :

BNA_N

ClientSampleId :

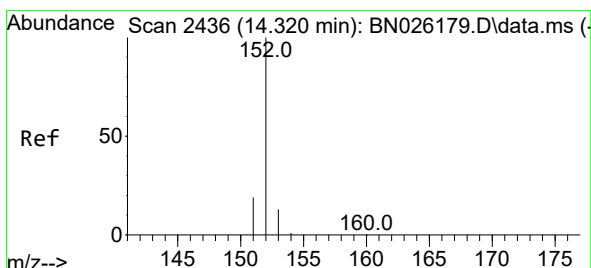
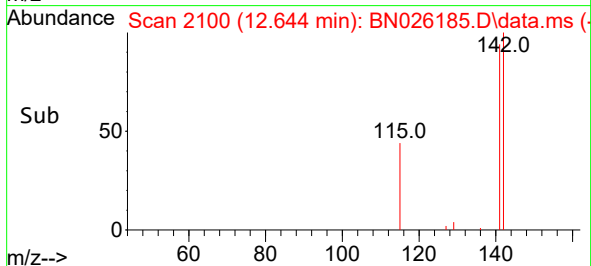
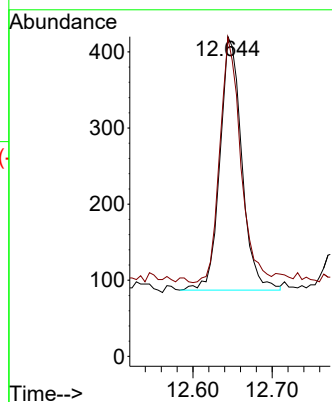
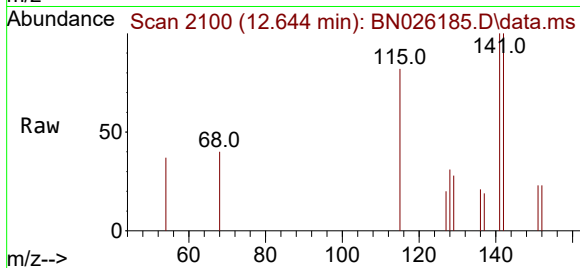
DCGL3

Tgt Ion:142 Resp: 636

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4



#10

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.315 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

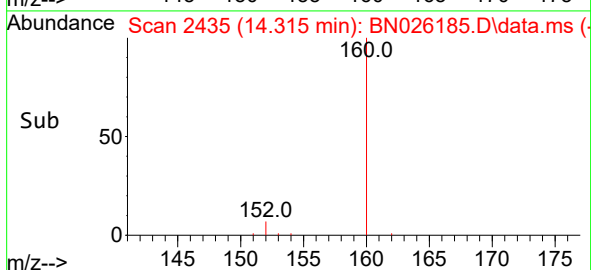
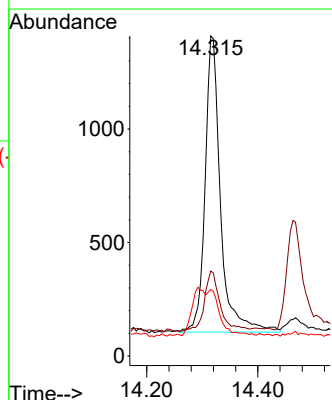
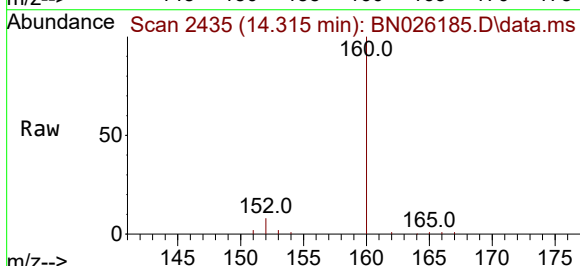
Tgt Ion:152 Resp: 2533

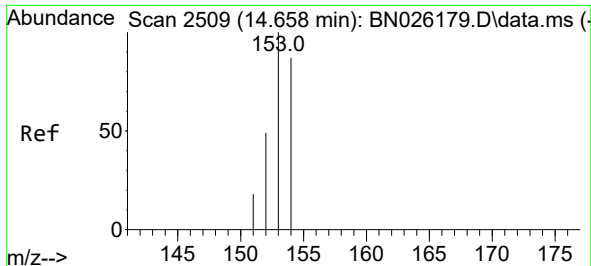
Ion Ratio Lower Upper

152 100

151 26.5 16.2 24.4#

153 20.8 10.9 16.3#

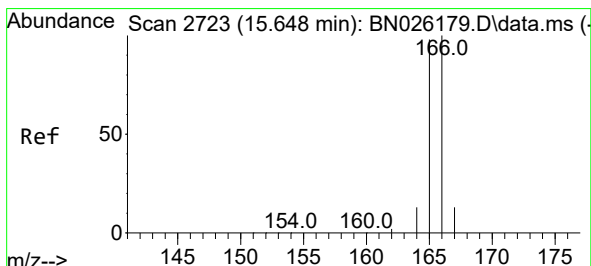
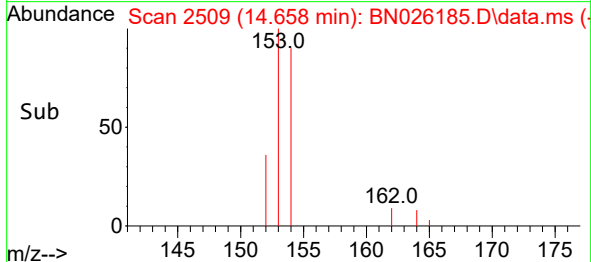
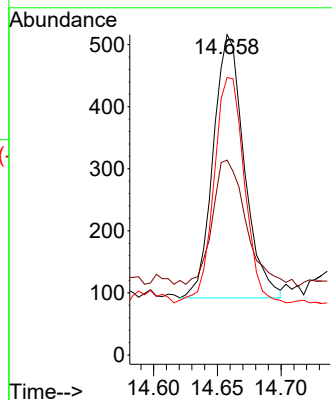
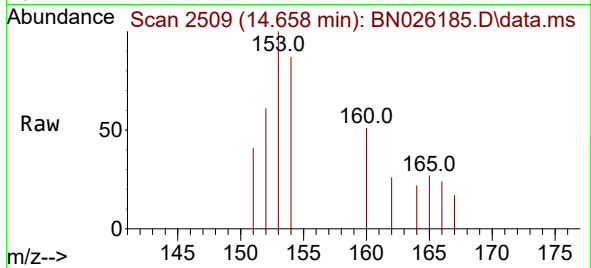




#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026185.D
Acq: 02 Jul 2023 12:42

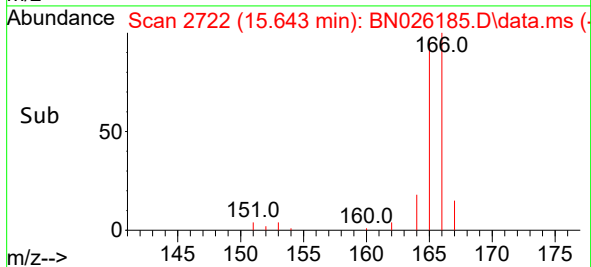
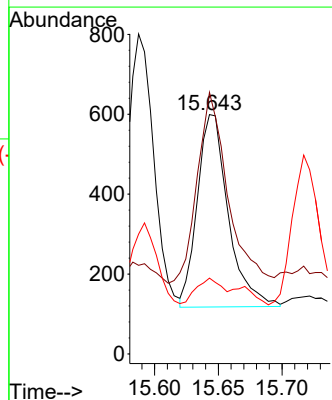
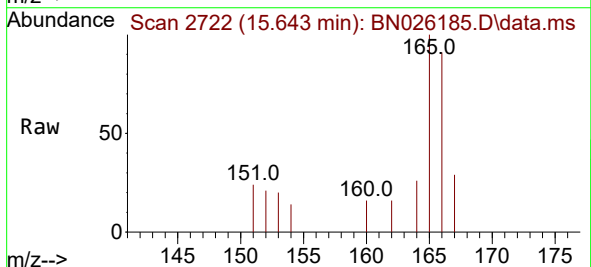
Instrument :
BNA_N
ClientSampleId :
DCGL3

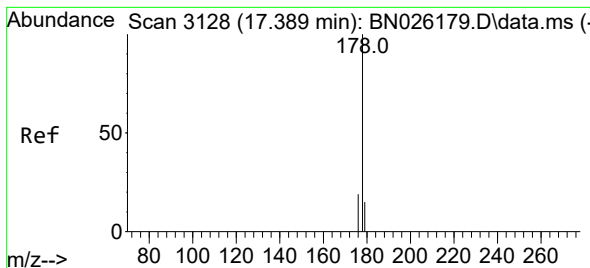
Tgt Ion:153 Resp: 717
Ion Ratio Lower Upper
153 100
152 60.9 39.4 59.0#
154 86.6 68.9 103.3



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026185.D
Acq: 02 Jul 2023 12:42

Tgt Ion:166 Resp: 814
Ion Ratio Lower Upper
166 100
165 109.3 79.9 119.9
167 31.7 10.8 16.2#





#15

Phenanthrene

Concen: 0.315 ng/ul

RT: 17.384 min Scan# 3128

Delta R.T. -0.010 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCGL3

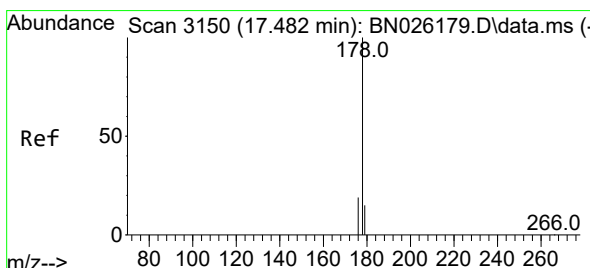
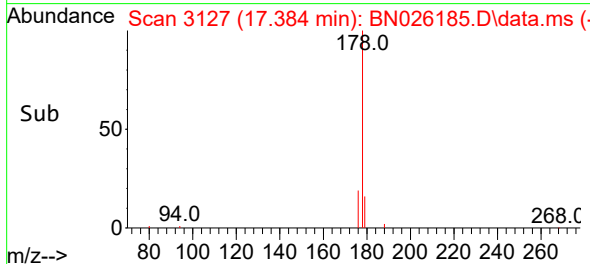
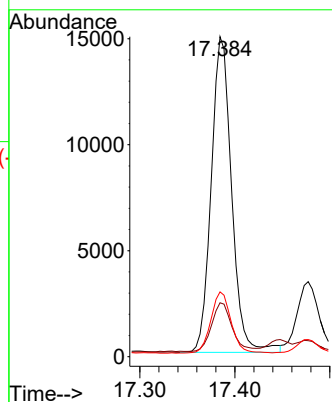
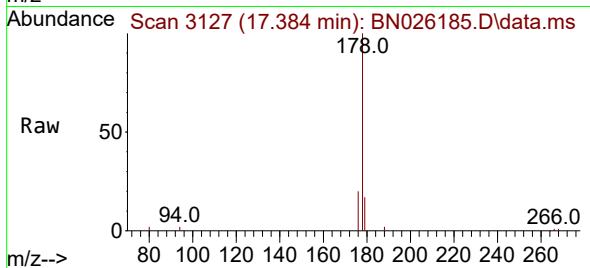
Tgt Ion:178 Resp: 22280

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

176 20.2 15.8 23.6



#16

Anthracene

Concen: 0.075 ng/ul

RT: 17.477 min Scan# 3149

Delta R.T. -0.010 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

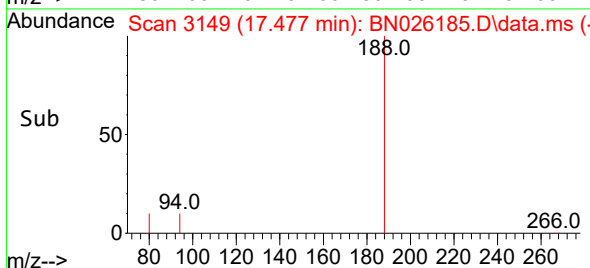
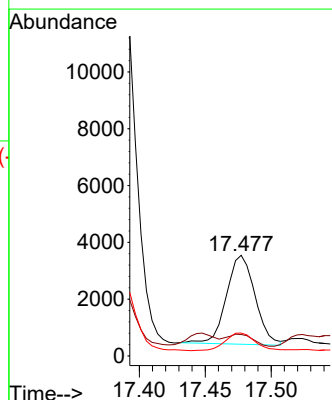
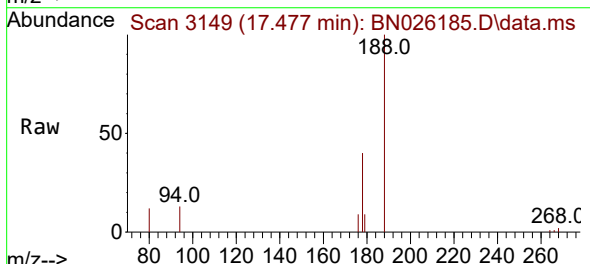
Tgt Ion:178 Resp: 4701

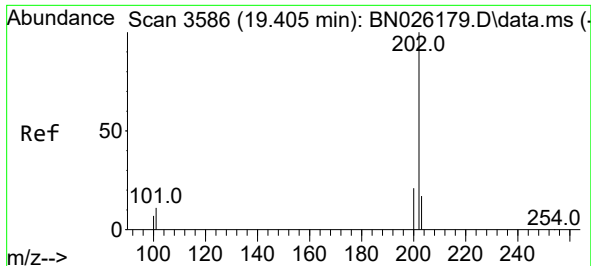
Ion Ratio Lower Upper

178 100

179 21.3 12.6 18.8#

176 22.8 15.1 22.7#

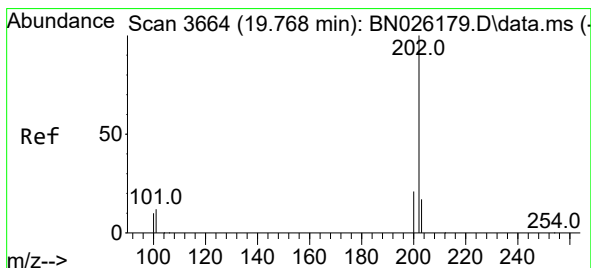
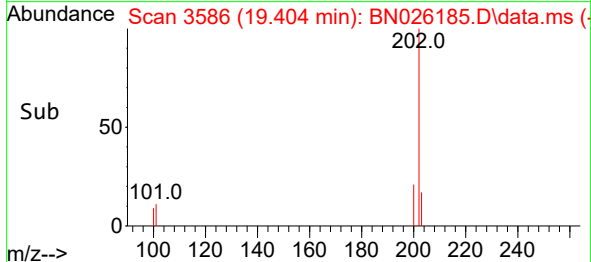
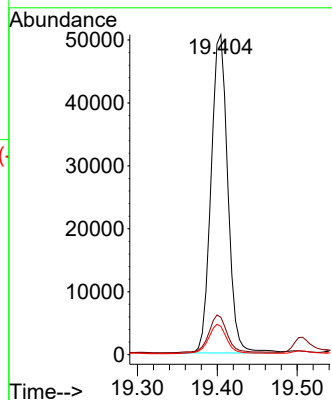
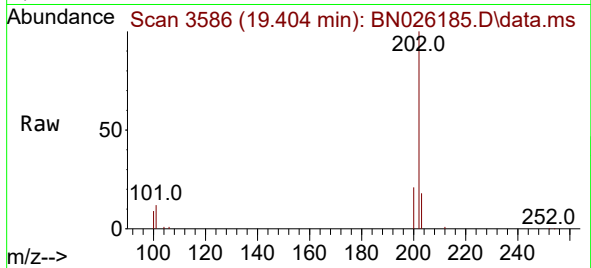




#19
Fluoranthene
Concen: 0.693 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026185.D
Acq: 02 Jul 2023 12:42

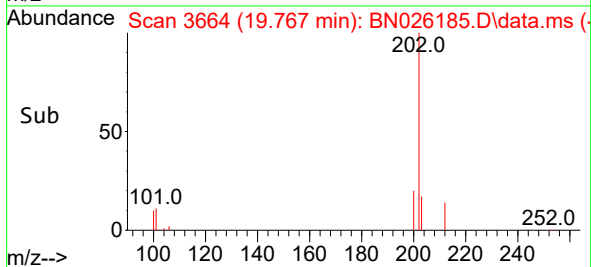
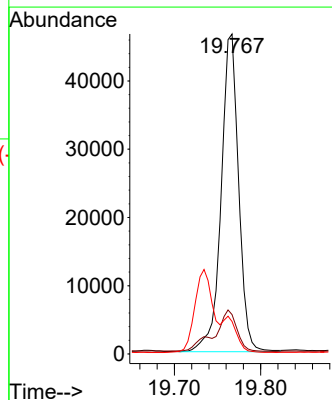
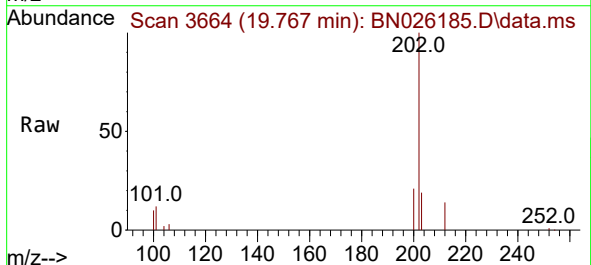
Instrument :
BNA_N
ClientSampleId :
DCGL3

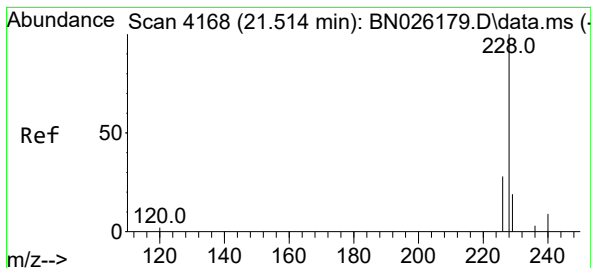
Tgt Ion:202 Resp: 73528
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.595 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026185.D
Acq: 02 Jul 2023 12:42

Tgt Ion:202 Resp: 65630
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.475 ng/ul

RT: 21.513 min Scan# 4168

Delta R.T. -0.013 min

Lab File: BN026185.D

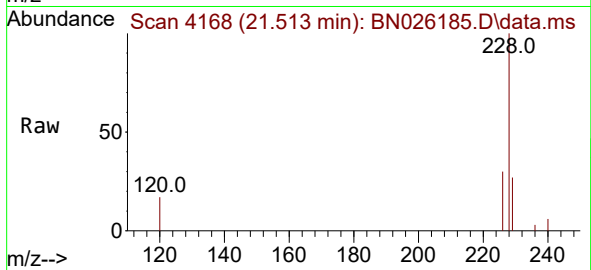
Acq: 02 Jul 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCGL3



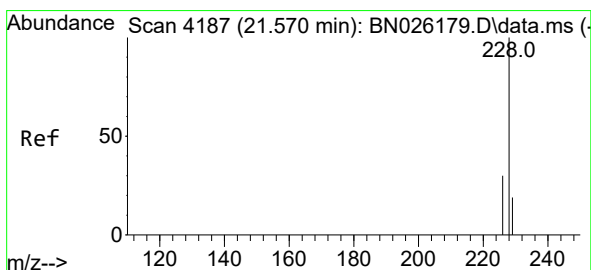
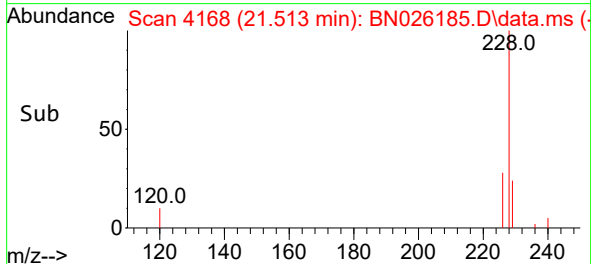
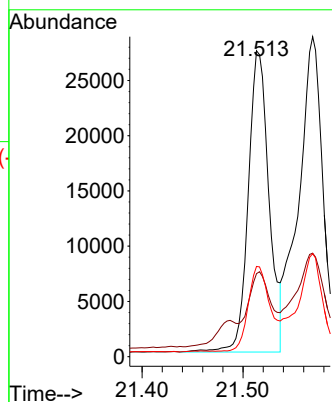
Tgt Ion:228 Resp: 38923

Ion Ratio Lower Upper

228 100

229 27.1 15.8 23.6#

226 29.5 22.5 33.7



#22

Chrysene

Concen: 0.559 ng/ul

RT: 21.569 min Scan# 4187

Delta R.T. -0.010 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

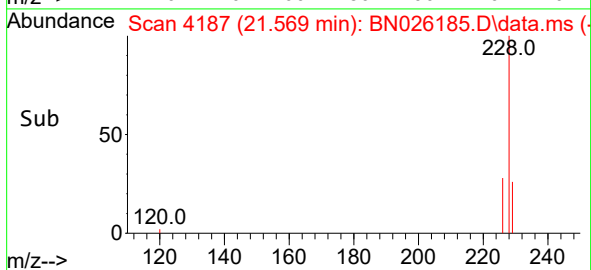
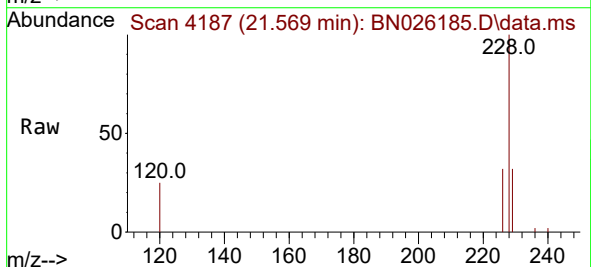
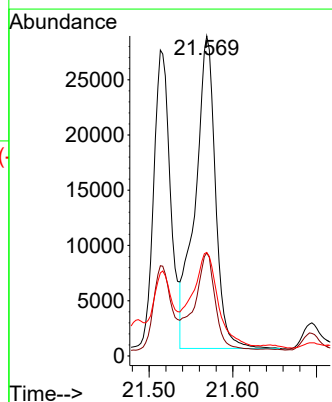
Tgt Ion:228 Resp: 47686

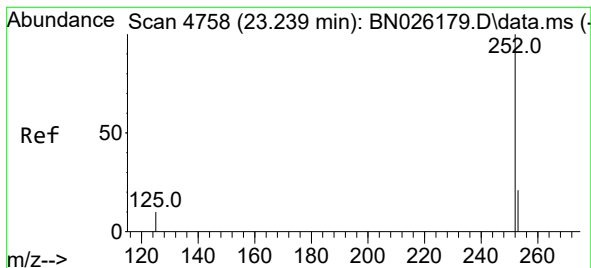
Ion Ratio Lower Upper

228 100

226 32.2 24.8 37.2

229 32.4 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 1.154 ng/ul

RT: 23.235 min Scan# 41

Delta R.T. -0.007 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

Instrument :

BNA_N

ClientSampleId :

DCGL3

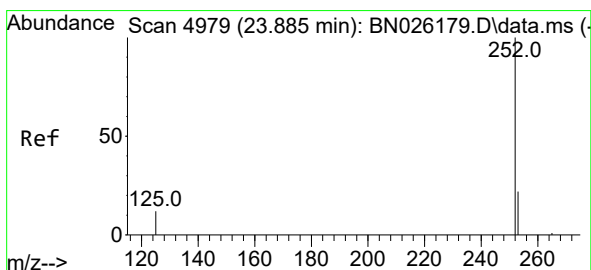
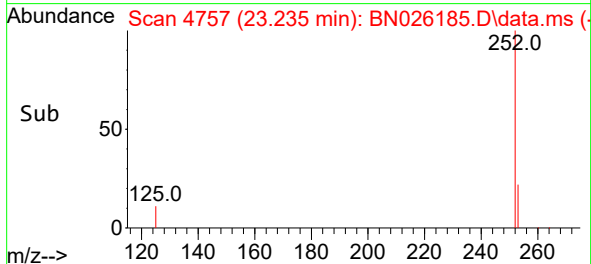
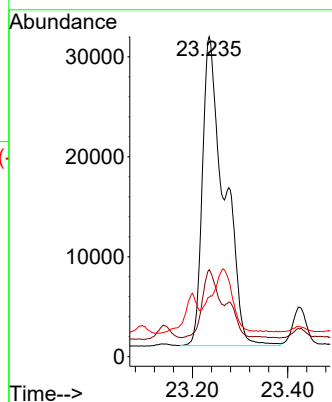
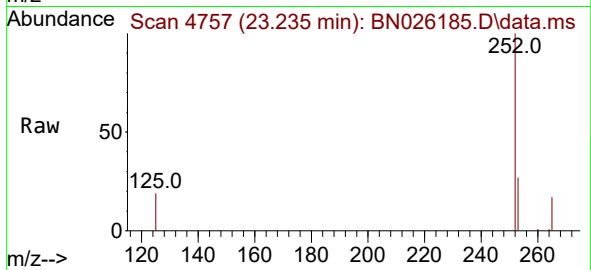
Tgt Ion:252 Resp: 98314

Ion Ratio Lower Upper

252 100

253 27.2 0.0 55.6

125 18.6 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.574 ng/ul

RT: 23.872 min Scan# 4975

Delta R.T. -0.013 min

Lab File: BN026185.D

Acq: 02 Jul 2023 12:42

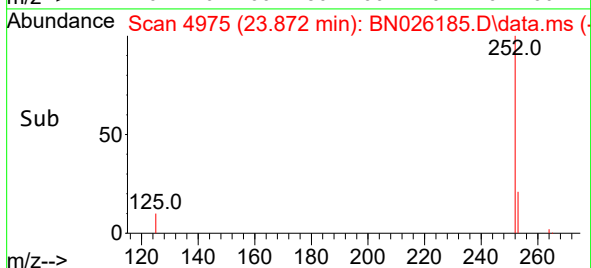
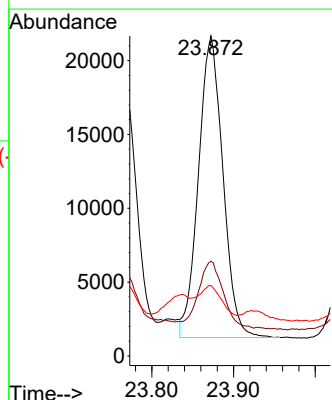
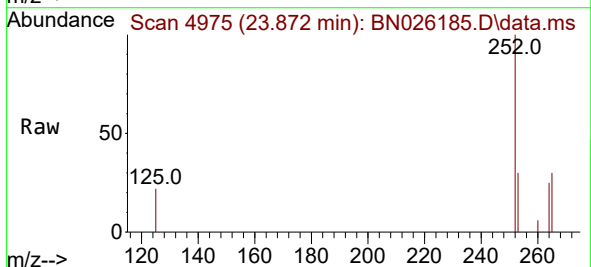
Tgt Ion:252 Resp: 42515

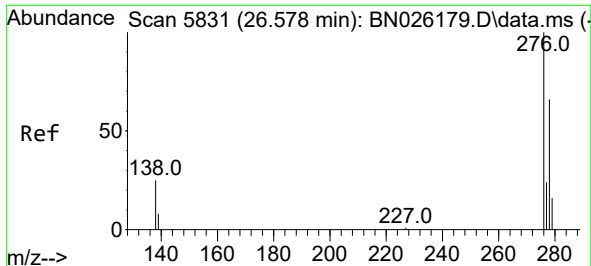
Ion Ratio Lower Upper

252 100

253 29.6 26.0 39.0

125 22.0 17.3 25.9

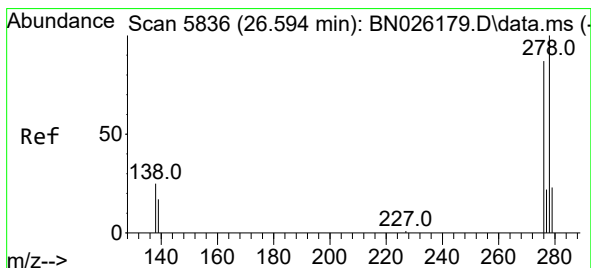
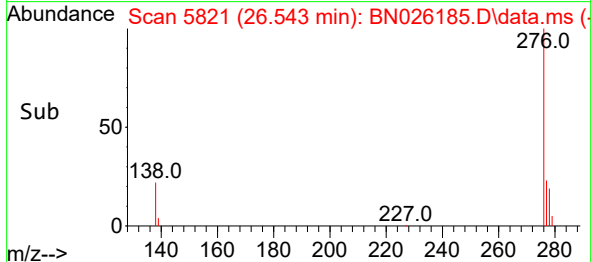
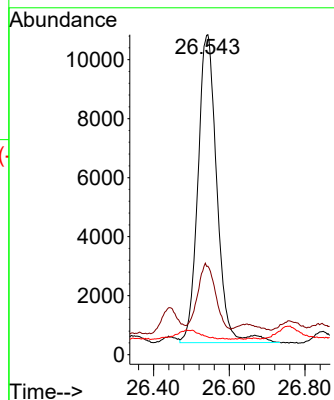
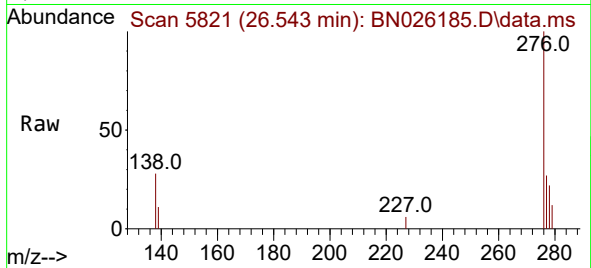




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng/ul
 RT: 26.543 min Scan# 5821
 Delta R.T. -0.015 min
 Lab File: BN026185.D
 Acq: 02 Jul 2023 12:42

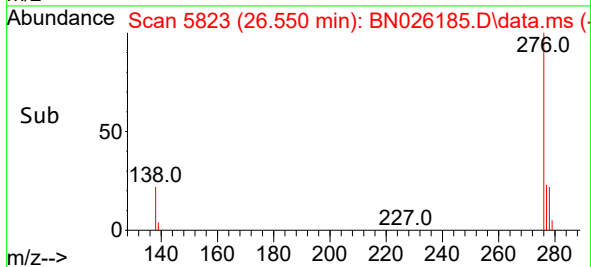
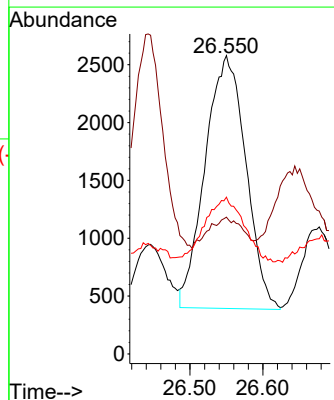
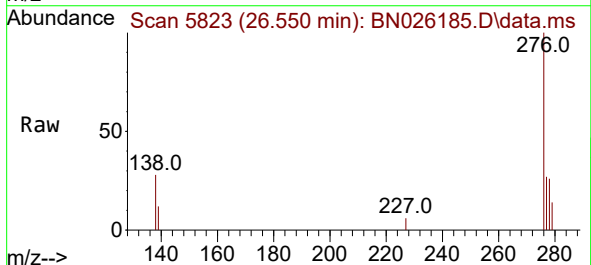
Instrument :
 BNA_N
 ClientSampleId :
 DCGL3

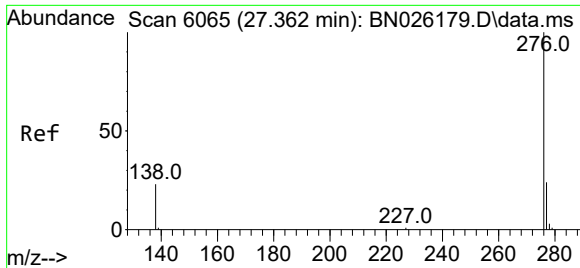
Tgt Ion:276 Resp: 36261
 Ion Ratio Lower Upper
 276 100
 138 21.4 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.138 ng/ul
 RT: 26.550 min Scan# 5823
 Delta R.T. -0.028 min
 Lab File: BN026185.D
 Acq: 02 Jul 2023 12:42

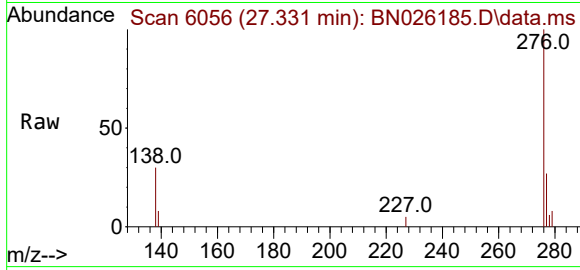
Tgt Ion:278 Resp: 8472
 Ion Ratio Lower Upper
 278 100
 139 45.8 19.0 28.4#
 279 52.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.482 ng/ul
 RT: 27.331 min Scan# 6056
 Delta R.T. -0.015 min
 Lab File: BN026185.D
 Acq: 02 Jul 2023 12:42

Instrument :
 BNA_N
 ClientSampleId :
 DCGL3



Tgt Ion:276 Resp: 34687
 Ion Ratio Lower Upper
 276 100
 138 29.6 23.4 35.0
 277 26.8 20.0 30.0

