

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026192.D
 Acq On : 02 Jul 2023 16:59
 Operator : MA/JU
 Sample : 03247-14
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM0

Quant Time: Jul 03 05:40:56 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)

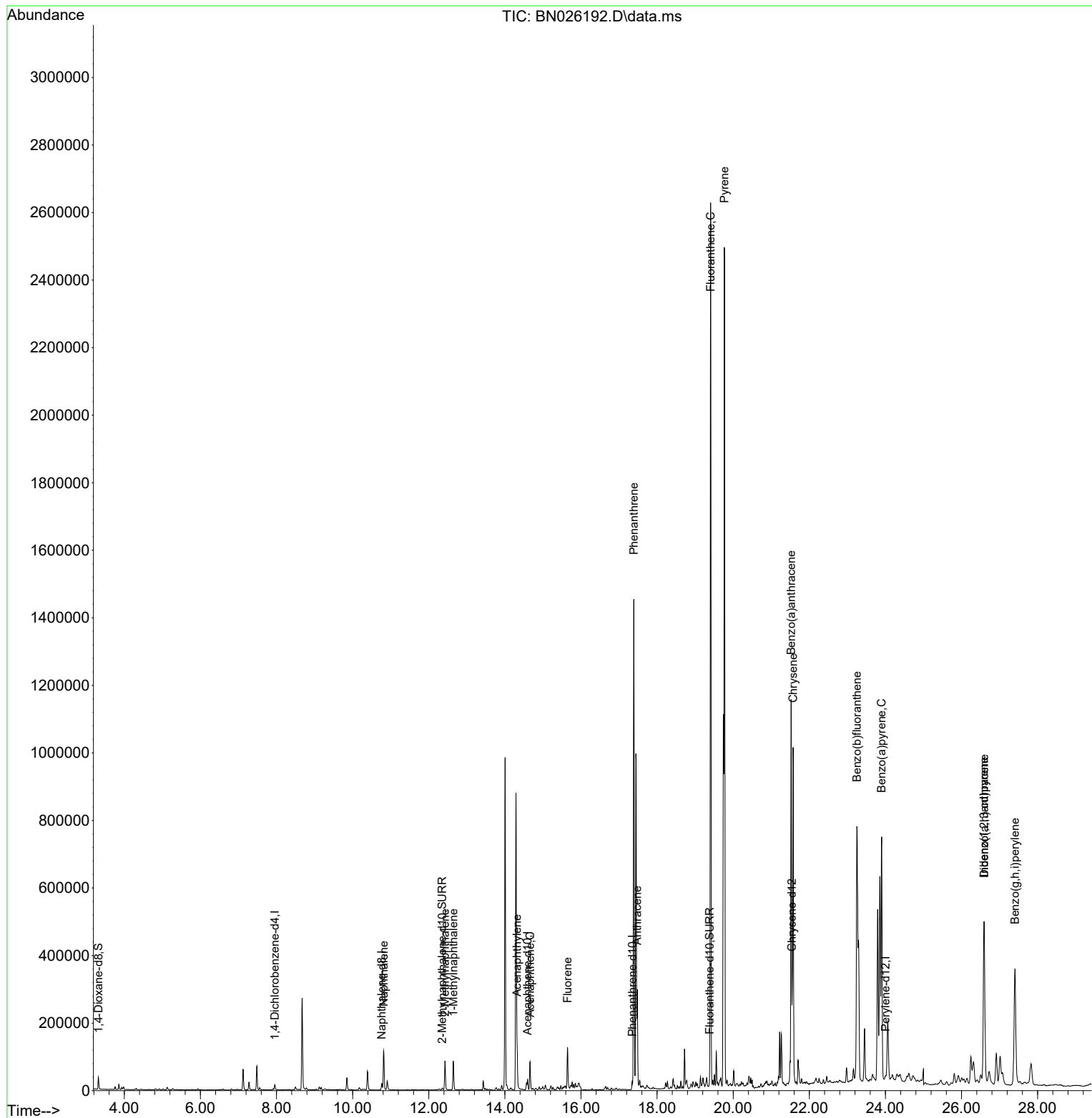
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26921	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.598	164	16318	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29612	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	16278	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	18842	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	23474	2.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7656	0.185	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	12333	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	168116	2.179	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	62560	1.273	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	60312	1.185	ng/ul	100
10) Acenaphthylene	14.320	152	158285	2.071	ng/ul	99
11) Acenaphthene	14.663	153	50311	0.805	ng/ul	99
12) Fluorene	15.648	166	82030	1.145	ng/ul	99
15) Phenanthrene	17.389	178	1561790	15.967	ng/ul	99
16) Anthracene	17.478	178	295646	3.401	ng/ul	100
19) Fluoranthene	19.405	202	2289694	26.335	ng/ul	98
20) Pyrene	19.768	202	2145680	23.727	ng/ul	97
21) Benzo(a)anthracene	21.523	228	964789	14.367	ng/ul	98
22) Chrysene	21.576	228	1022180	14.629	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	1902901	23.662	ng/ul	88
26) Benzo(a)pyrene	23.899	252	999729	14.313	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.591	276	750485	9.837	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.594	278	187576	3.249	ng/ul	96
29) Benzo(g,h,i)perylene	27.403	276	729964	10.756	ng/ul#	93

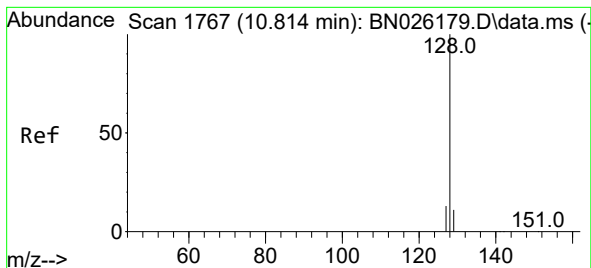
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 2.179 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

Instrument :

BNA_N

ClientSampleId :

DCGM0

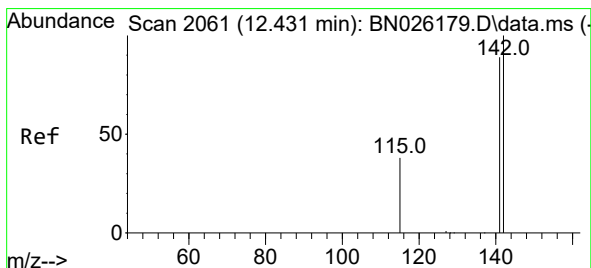
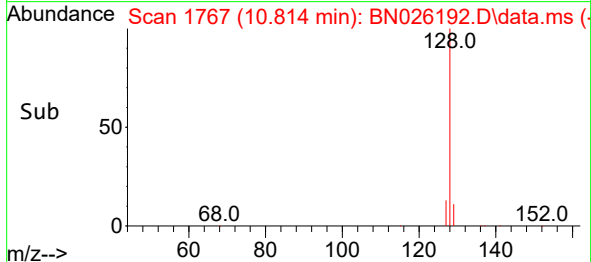
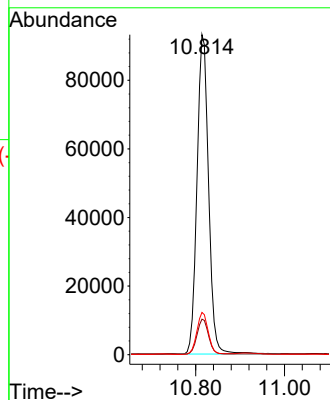
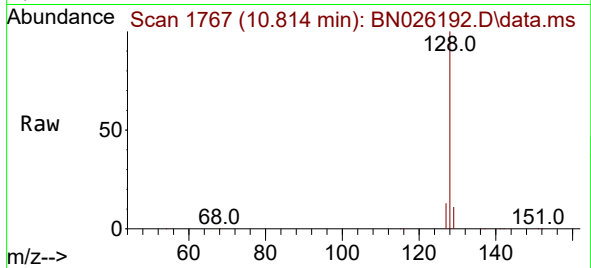
Tgt Ion:128 Resp: 168116

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.2 10.7 16.1



#7

2-Methylnaphthalene

Concen: 1.273 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026192.D

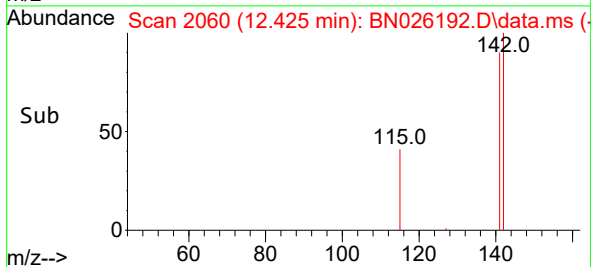
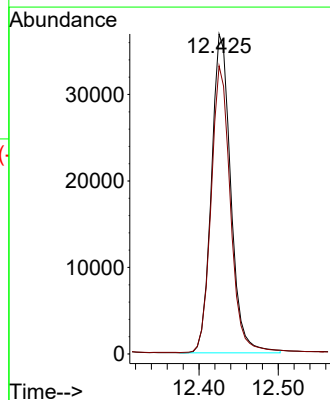
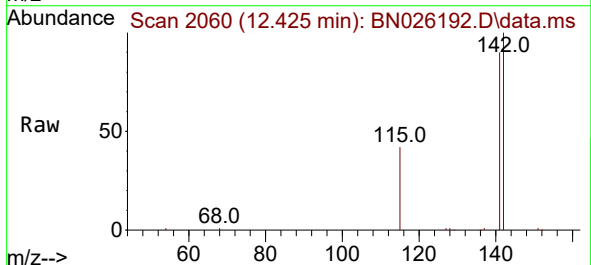
Acq: 02 Jul 2023 16:59

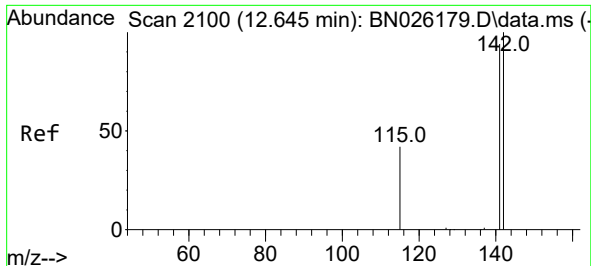
Tgt Ion:142 Resp: 62560

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

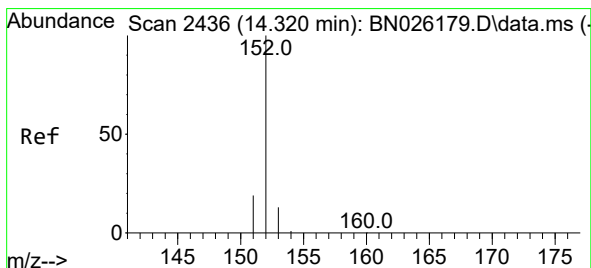
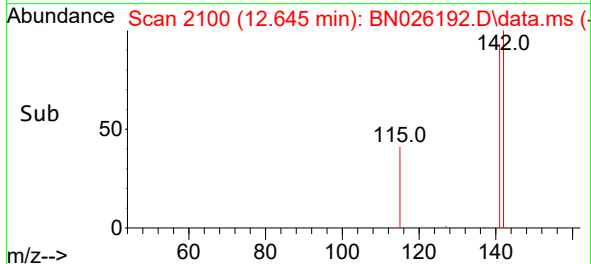
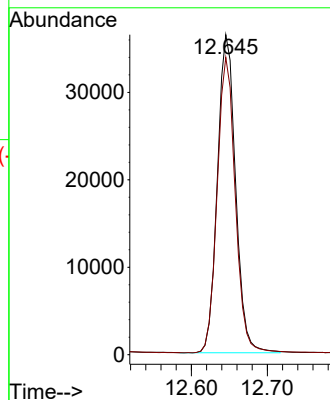
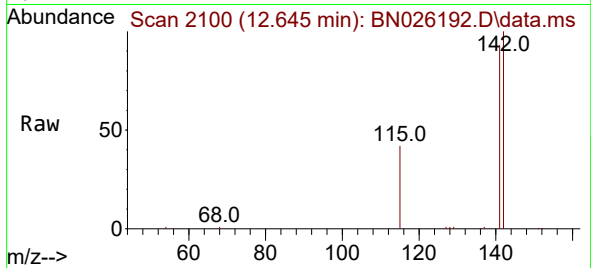




#8
1-Methylnaphthalene
Concen: 1.185 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

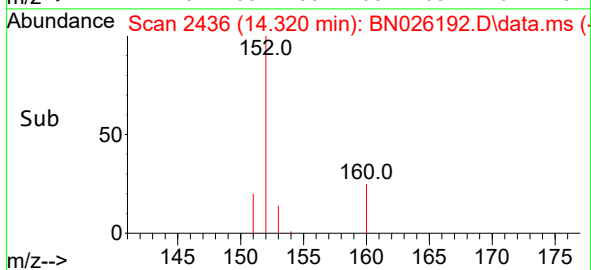
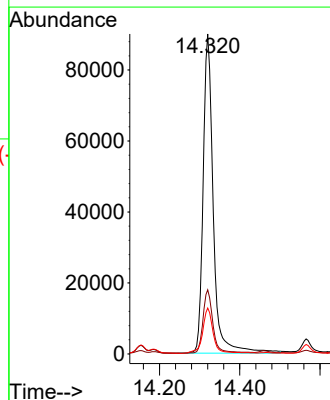
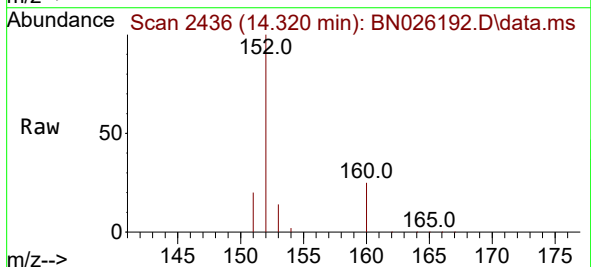
Instrument :
BNA_N
ClientSampleId :
DCGM0

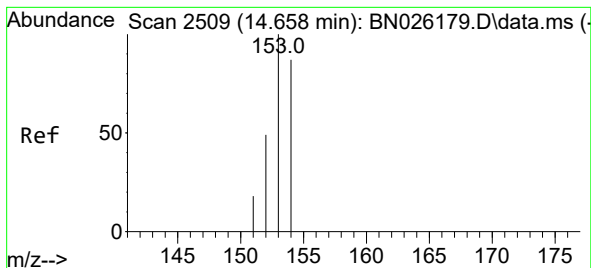
Tgt Ion:142 Resp: 60312
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4



#10
Acenaphthylene
Concen: 2.071 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

Tgt Ion:152 Resp: 158285
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.3 10.9 16.3





#11

Acenaphthene

Concen: 0.805 ng/ul

RT: 14.663 min Scan# 2510

Delta R.T. -0.005 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

Instrument :

BNA_N

ClientSampleId :

DCGM0

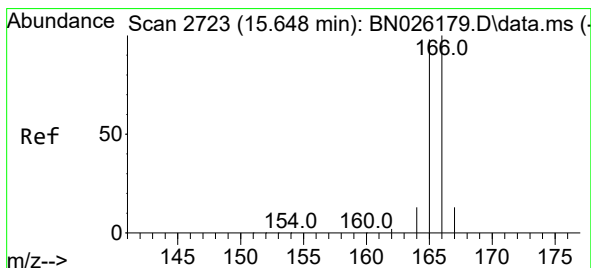
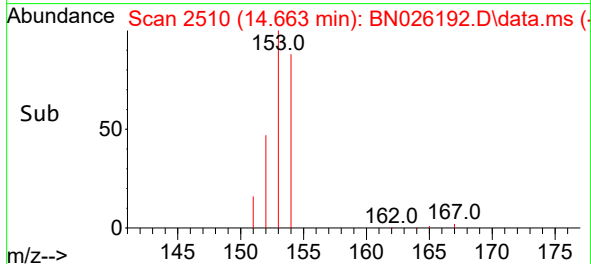
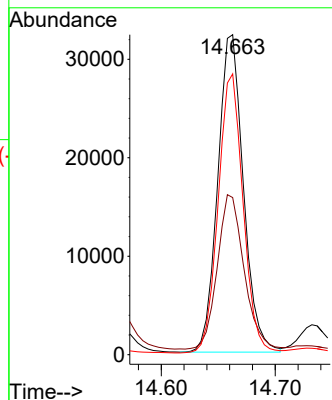
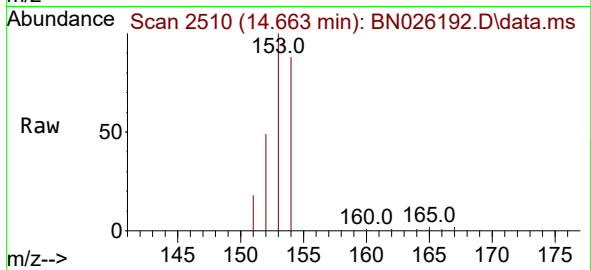
Tgt Ion:153 Resp: 50311

Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.0

154 87.7 68.9 103.3



#12

Fluorene

Concen: 1.145 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.005 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

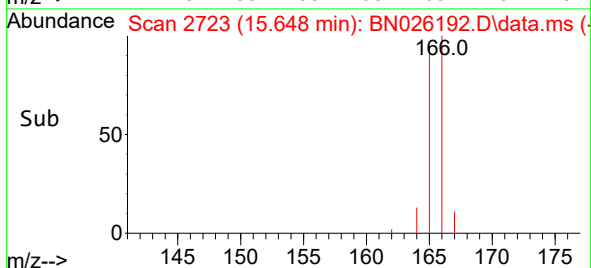
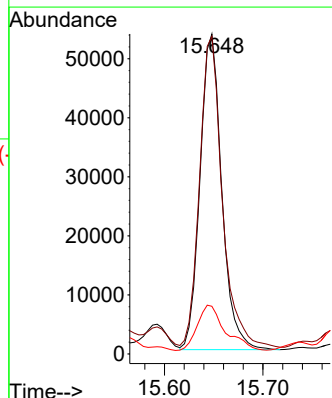
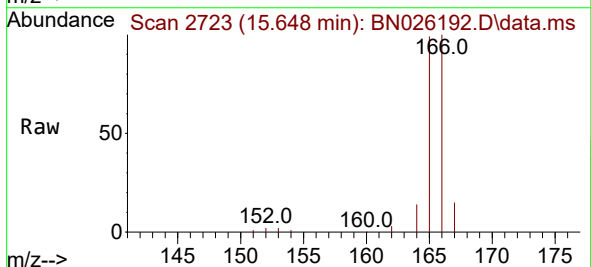
Tgt Ion:166 Resp: 82030

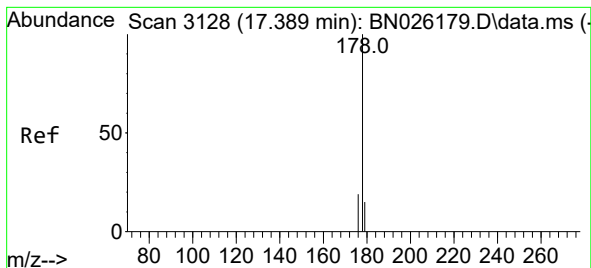
Ion Ratio Lower Upper

166 100

165 99.3 79.9 119.9

167 14.9 10.8 16.2





#15

Phenanthrene

Concen: 15.967 ng/ul

RT: 17.389 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

Instrument :

BNA_N

ClientSampleId :

DCGM0

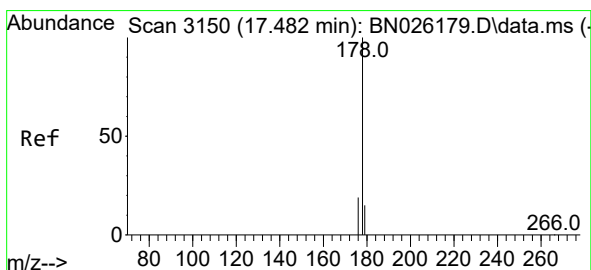
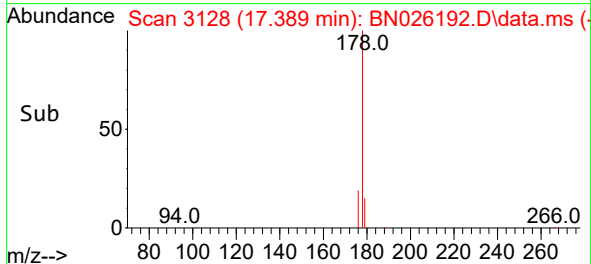
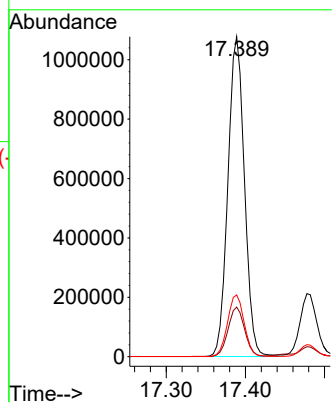
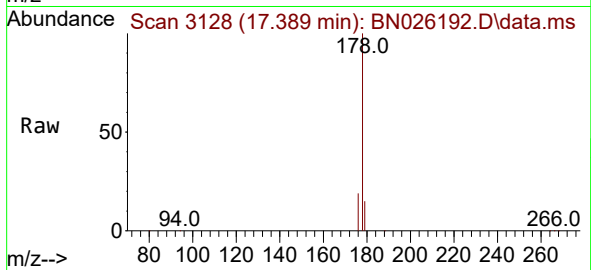
Tgt Ion:178 Resp: 1561790

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.3 15.8 23.6



#16

Anthracene

Concen: 3.401 ng/ul

RT: 17.478 min Scan# 3149

Delta R.T. -0.009 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

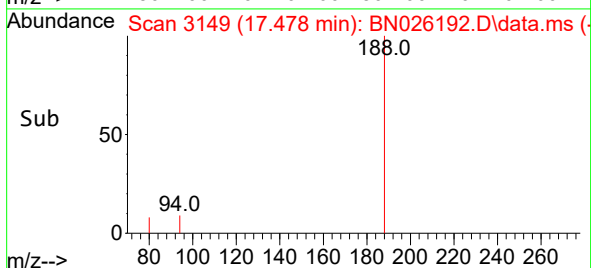
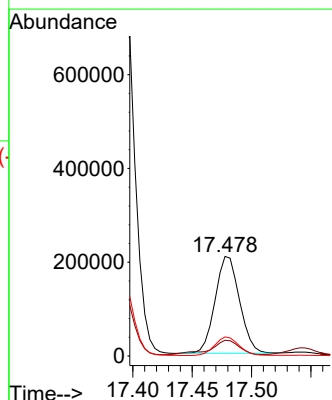
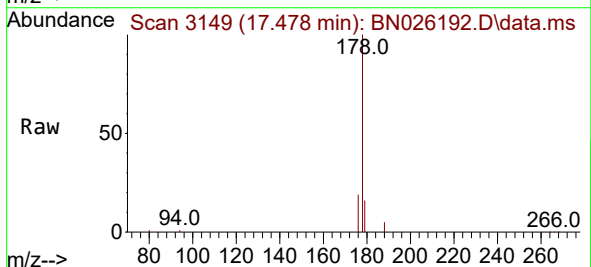
Tgt Ion:178 Resp: 295646

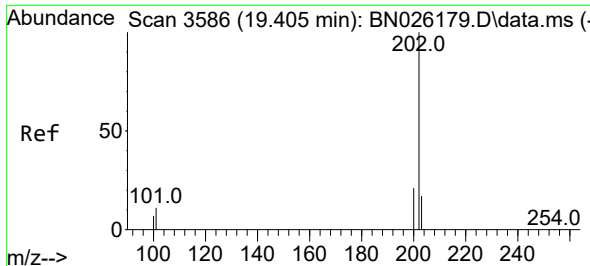
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 19.1 15.1 22.7

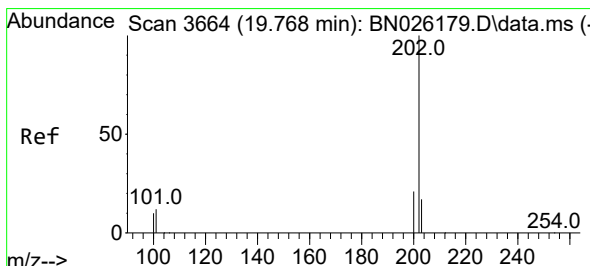
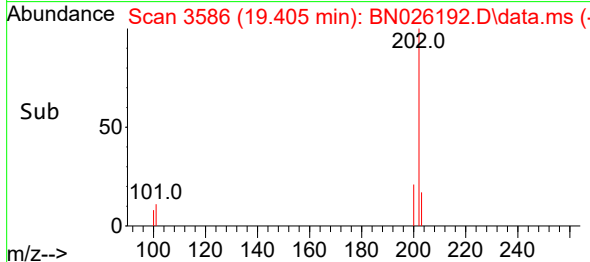
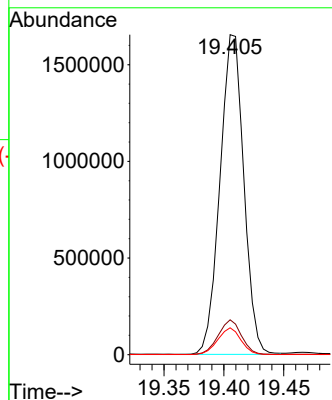
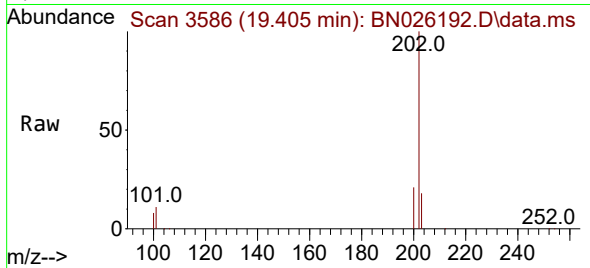




#19
Fluoranthene
Concen: 26.335 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

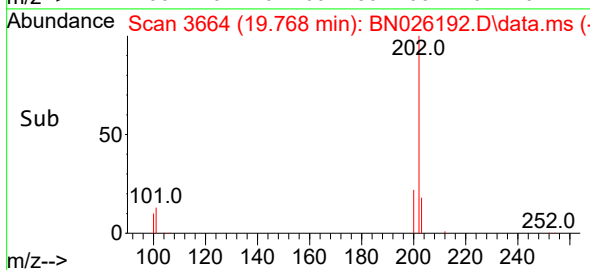
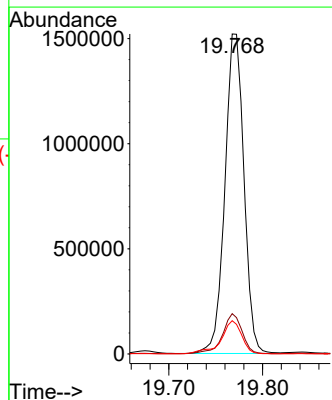
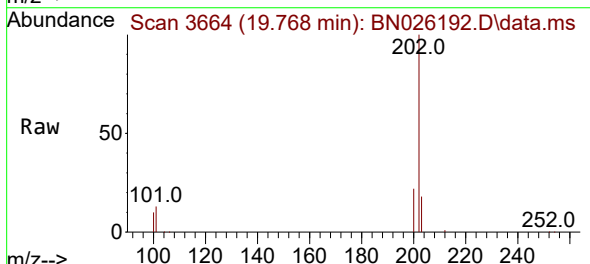
Instrument :
BNA_N
ClientSampleId :
DCGM0

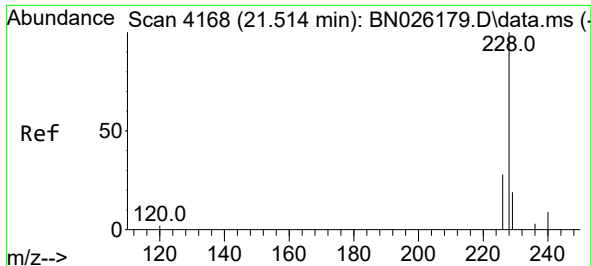
Tgt Ion:202 Resp: 2289694
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 23.727 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

Tgt Ion:202 Resp: 2145680
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7

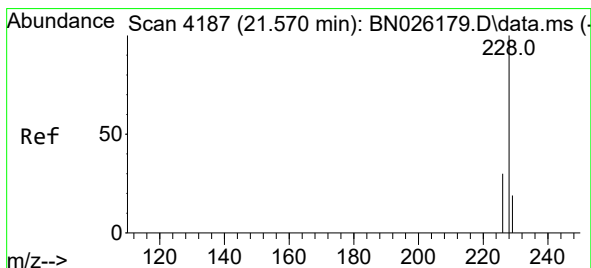
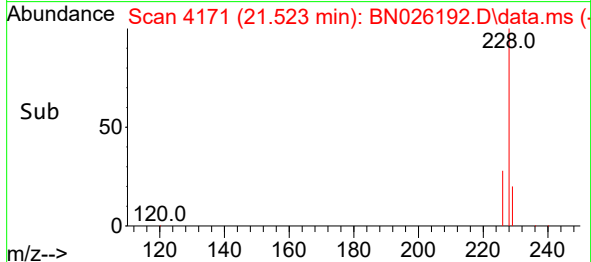
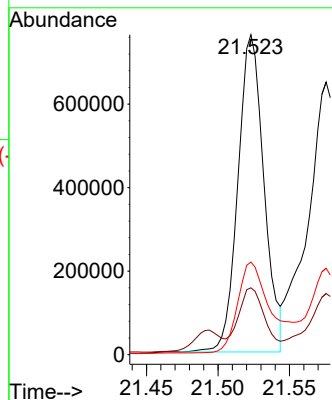
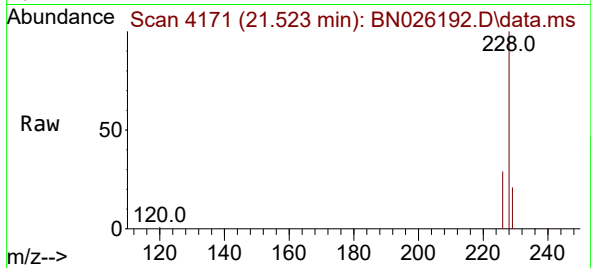




#21
Benzo(a)anthracene
Concen: 14.367 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

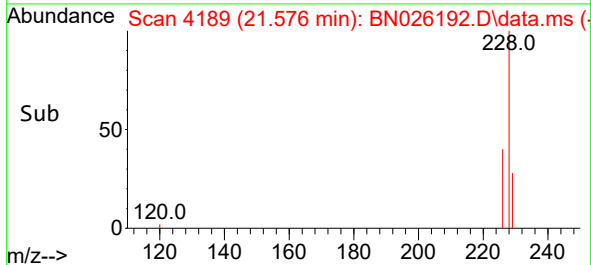
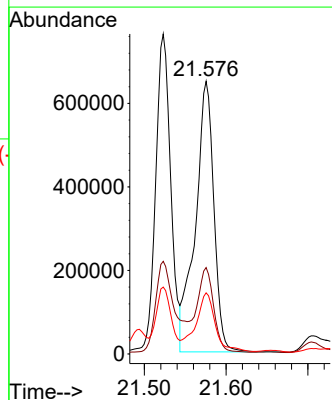
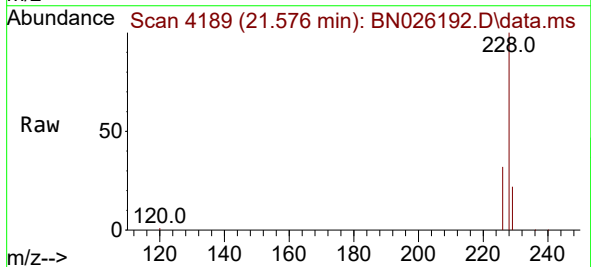
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BNA_N
ClientSampleId :
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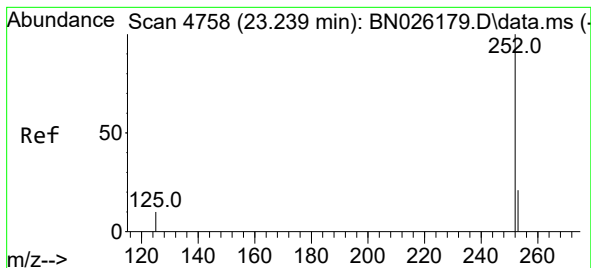
Tgt Ion:228 Resp: 964789
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.9 22.5 33.7



#22
Chrysene
Concen: 14.629 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026192.D
Acq: 02 Jul 2023 16:59

Tgt Ion:228 Resp: 1022180
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 23.662 ng/ul

RT: 23.250 min Scan# 41

Delta R.T. 0.008 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

Instrument :

BNA_N

ClientSampleId :

DCGM0

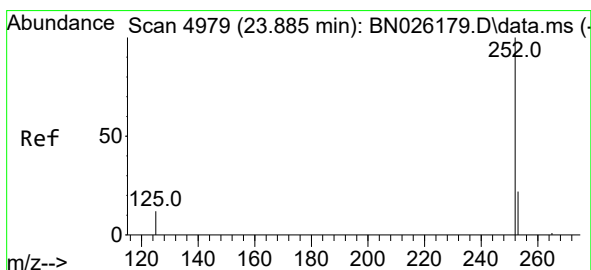
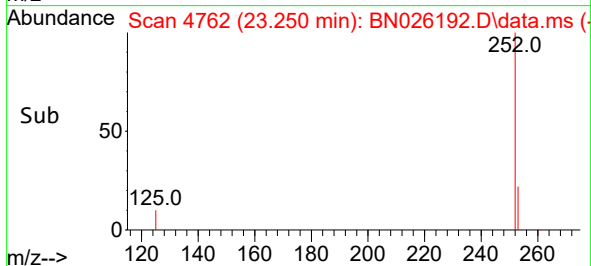
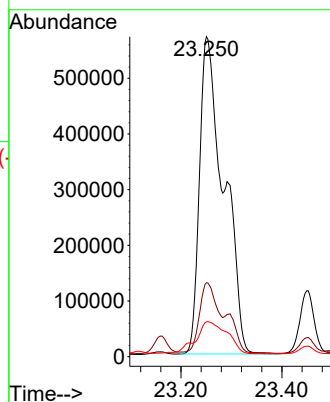
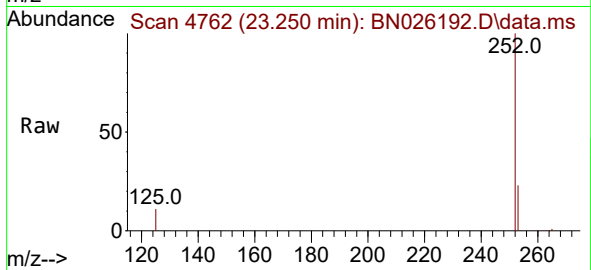
Tgt Ion:252 Resp: 1902901

Ion Ratio Lower Upper

252 100

253 23.1 0.0 55.6

125 10.9 0.0 35.8



#26

Benzo(a)pyrene

Concen: 14.313 ng/ul

RT: 23.899 min Scan# 4984

Delta R.T. 0.014 min

Lab File: BN026192.D

Acq: 02 Jul 2023 16:59

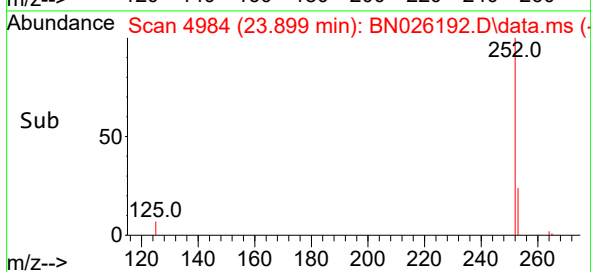
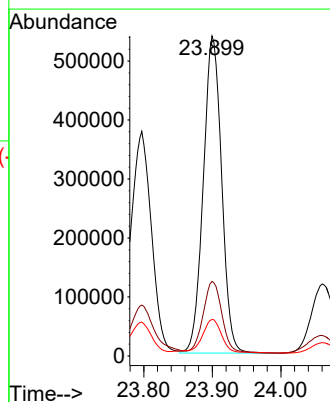
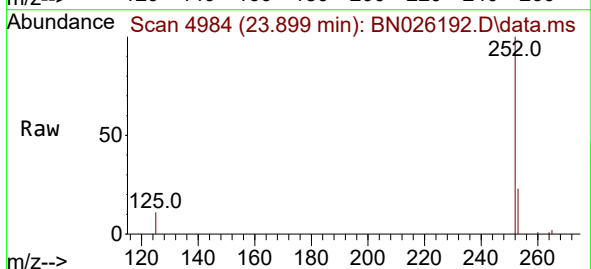
Tgt Ion:252 Resp: 999729

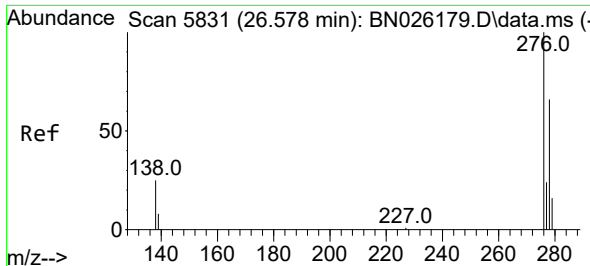
Ion Ratio Lower Upper

252 100

253 23.3 26.0 39.0#

125 11.4 17.3 25.9#

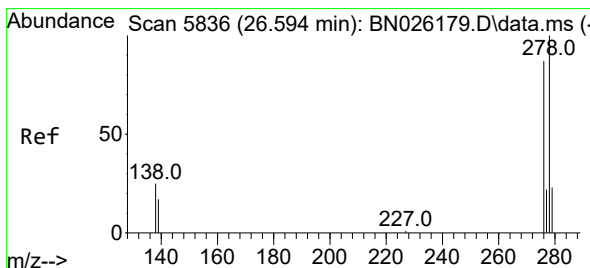
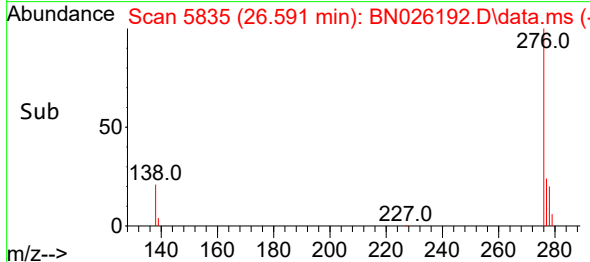
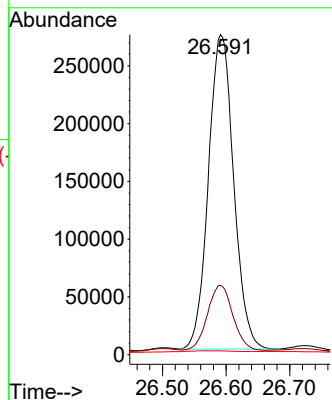
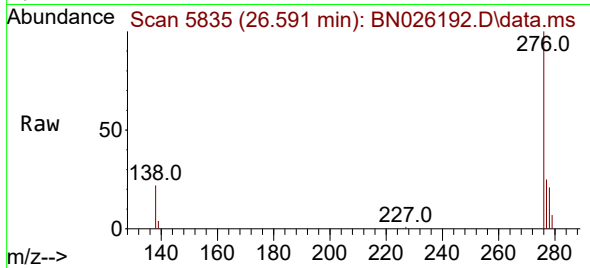




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 9.837 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.033 min
 Lab File: BN026192.D
 Acq: 02 Jul 2023 16:59

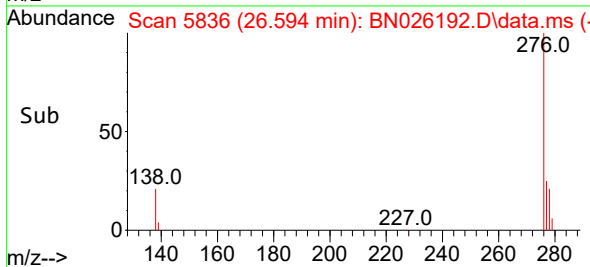
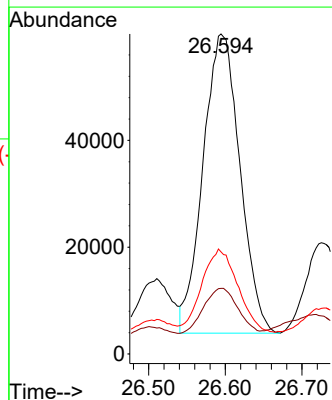
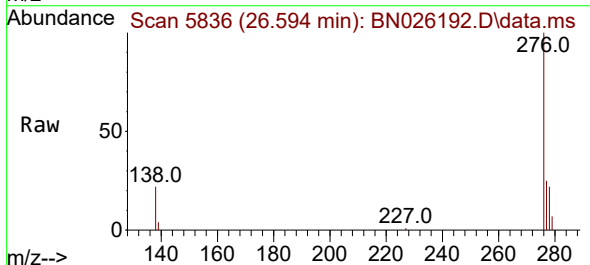
Instrument :
 BNA_N
 ClientSampleId :
 DCGM0

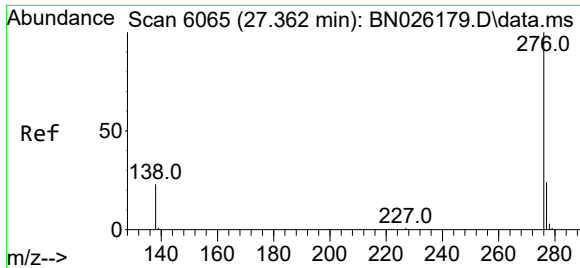
Tgt Ion:276 Resp: 750485
 Ion Ratio Lower Upper
 276 100
 138 21.3 24.5 36.7#
 227 1.9 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 3.249 ng/ul
 RT: 26.594 min Scan# 5836
 Delta R.T. 0.016 min
 Lab File: BN026192.D
 Acq: 02 Jul 2023 16:59

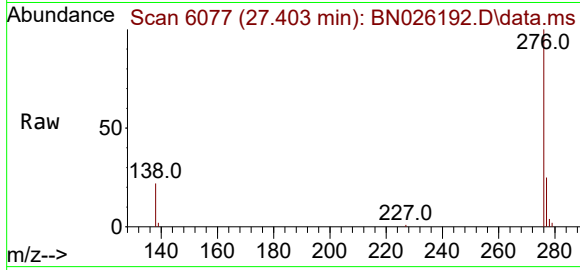
Tgt Ion:278 Resp: 187576
 Ion Ratio Lower Upper
 278 100
 139 20.5 19.0 28.4
 279 31.9 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 10.756 ng/ul
 RT: 27.403 min Scan# 6077
 Delta R.T. 0.056 min
 Lab File: BN026192.D
 Acq: 02 Jul 2023 16:59

Instrument :
 BNA_N
 ClientSampleId :
 DCGM0



Tgt Ion:276 Resp: 729964
 Ion Ratio Lower Upper
 276 100
 138 22.4 23.4 35.0#
 277 24.7 20.0 30.0

