

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025223.D
 Acq On : 02 May 2023 16:48
 Operator : CG/JU
 Sample : 02419-23DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW920DL

Quant Time: May 03 02:30:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

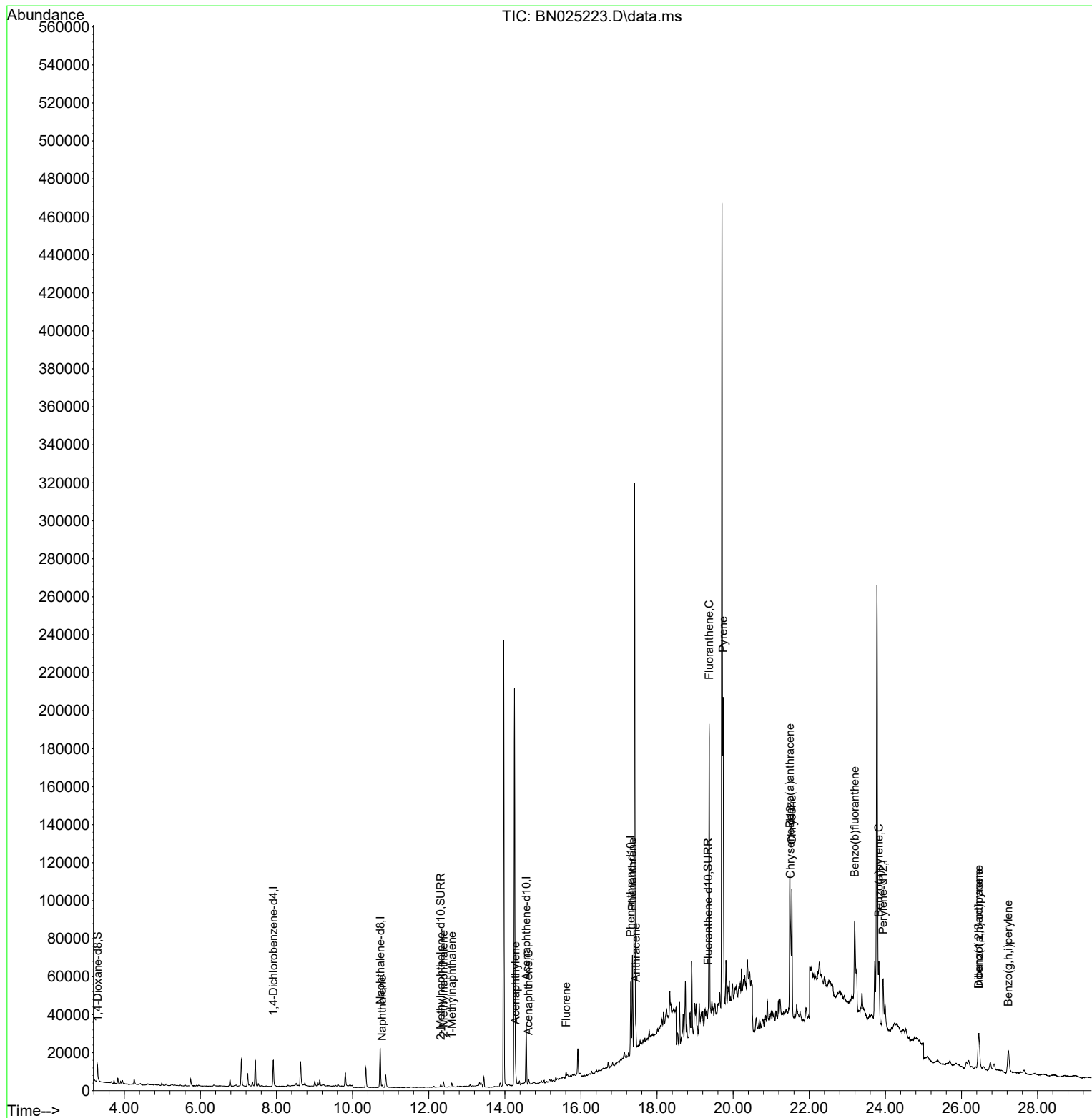
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7273	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27290	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	17484	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	38238	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.506	240	32810	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	31392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5395	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1952	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	5186	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	1851	0.026	ng/ul#	82
7) 2-Methylnaphthalene	12.387	142	2071	0.048	ng/ul	95
8) 1-Methylnaphthalene	12.607	142	1387	0.030	ng/ul	97
10) Acenaphthylene	14.284	152	6881	0.106	ng/ul#	73
11) Acenaphthene	14.622	153	1303	0.024	ng/ul#	84
12) Fluorene	15.612	166	2074	0.034	ng/ul#	45
15) Phenanthrene	17.352	178	56012	0.519	ng/ul#	89
16) Anthracene	17.445	178	13280	0.150	ng/ul#	50
19) Fluoranthene	19.369	202	132779	1.119	ng/ul#	95
20) Pyrene	19.736	202	138392	1.135	ng/ul	97
21) Benzo(a)anthracene	21.489	228	59059	0.597	ng/ul#	79
22) Chrysene	21.541	228	77394	0.718	ng/ul#	82
24) Benzo(b)fluoranthene	23.196	252	105222	0.826	ng/ul#	31
26) Benzo(a)pyrene	23.830	252	46700	0.443	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.458	276	32058	0.264	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.458	278	8206	0.087	ng/ul#	1
29) Benzo(g,h,i)perylene	27.232	276	26316	0.255	ng/ul#	75

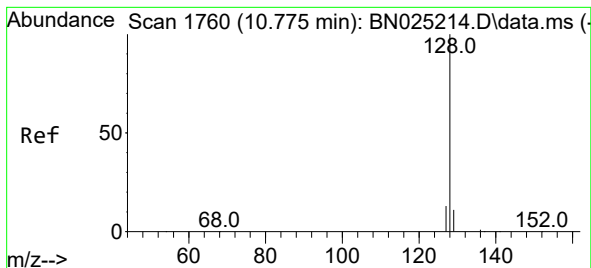
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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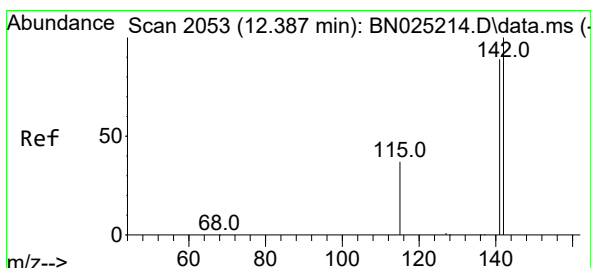
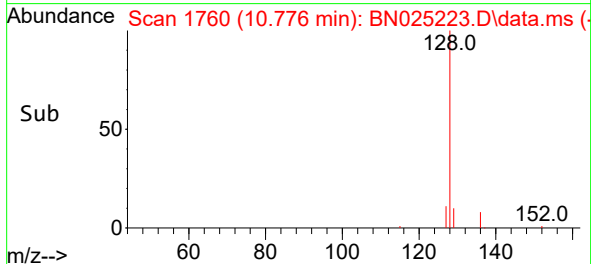
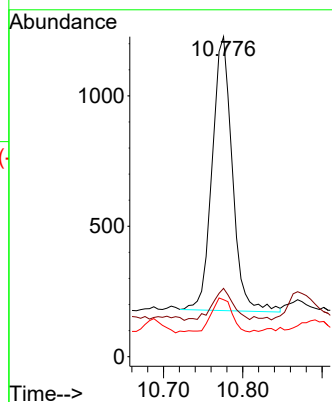
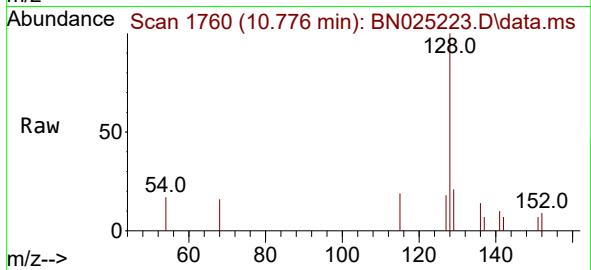




#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

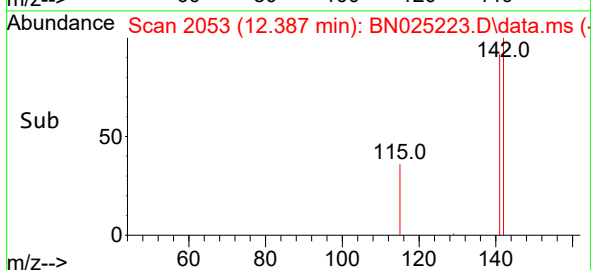
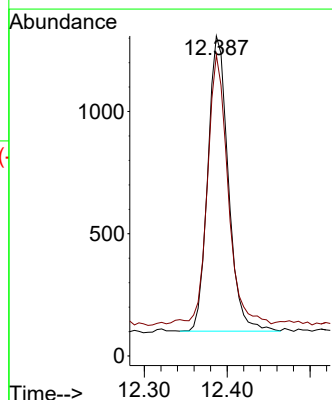
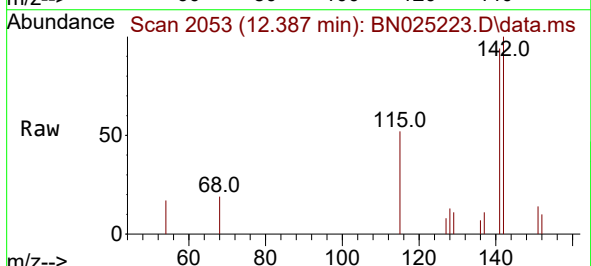
Instrument :
BNA_N
ClientSampleId :
EW920DL

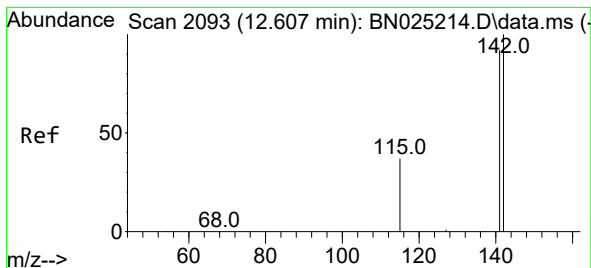
Tgt Ion:128 Resp: 1851
Ion Ratio Lower Upper
128 100
129 21.4 9.0 13.6#
127 17.8 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

Tgt Ion:142 Resp: 2071
Ion Ratio Lower Upper
142 100
141 94.0 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

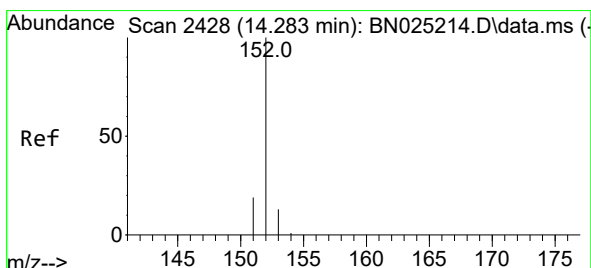
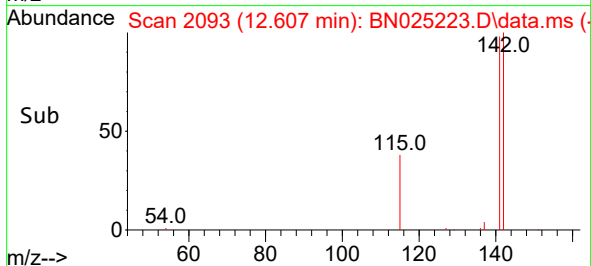
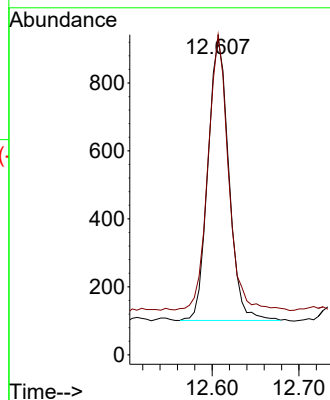
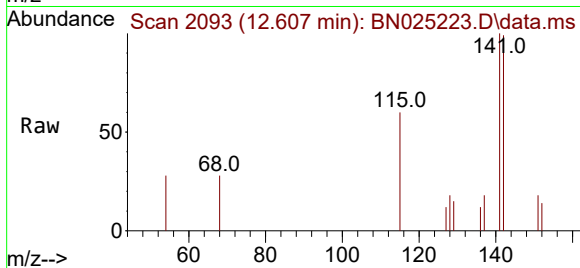
EW920DL

Tgt Ion:142 Resp: 1387

Ion Ratio Lower Upper

142 100

141 94.6 73.8 110.6



#10

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.284 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

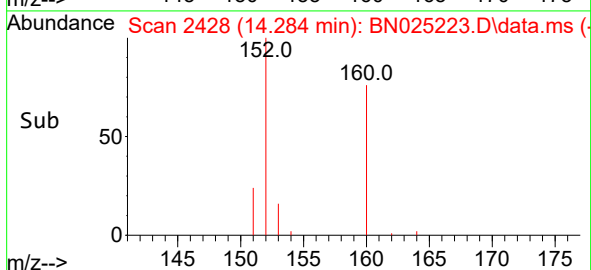
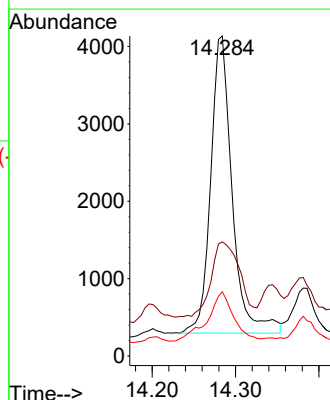
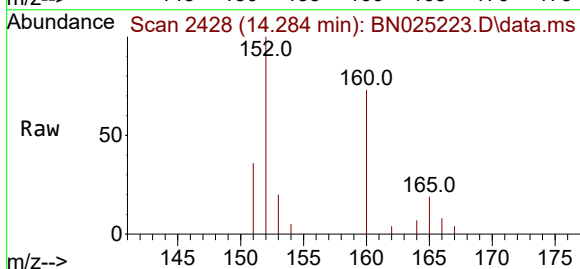
Tgt Ion:152 Resp: 6881

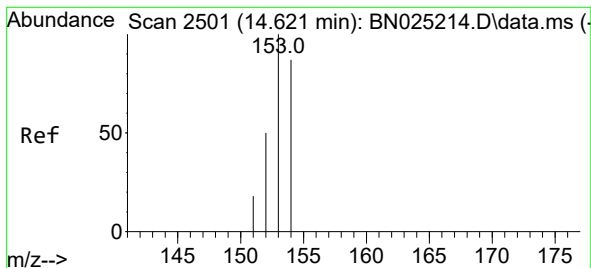
Ion Ratio Lower Upper

152 100

151 35.6 16.0 24.0#

153 20.1 10.8 16.2#





#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.622 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

EW920DL

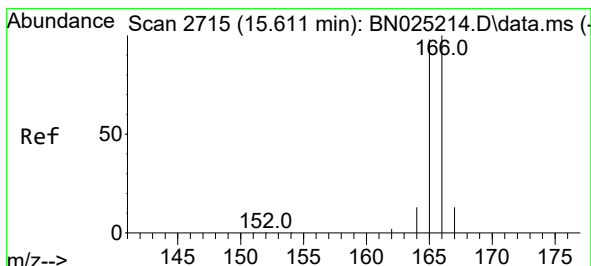
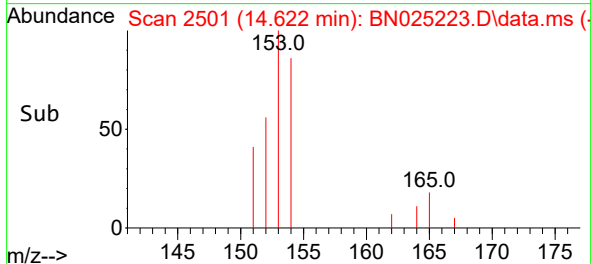
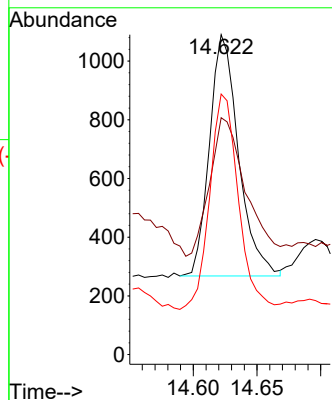
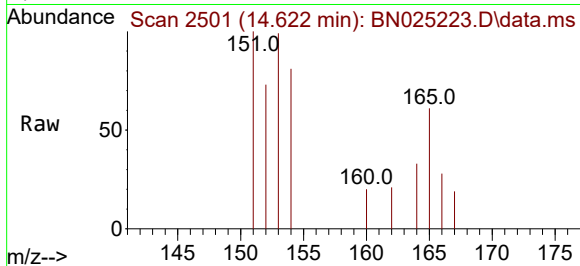
Tgt Ion:153 Resp: 1303

Ion Ratio Lower Upper

153 100

152 74.0 40.2 60.4#

154 81.5 69.4 104.2



#12

Fluorene

Concen: 0.034 ng/ul

RT: 15.612 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

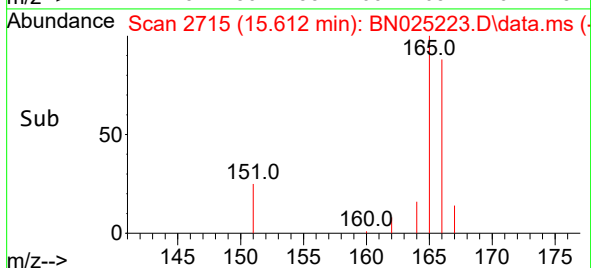
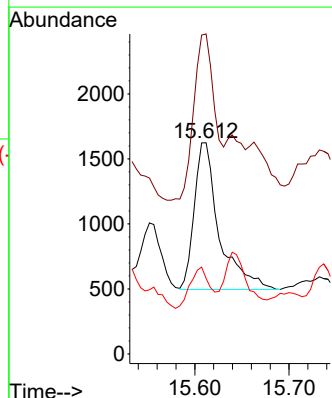
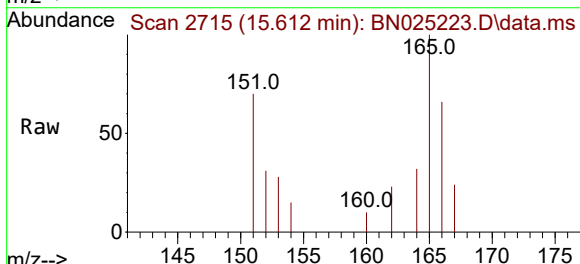
Tgt Ion:166 Resp: 2074

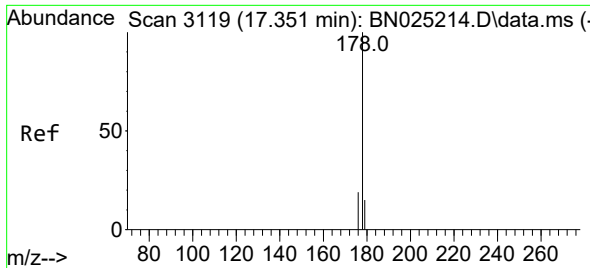
Ion Ratio Lower Upper

166 100

165 151.5 78.1 117.1#

167 35.8 11.0 16.6#





#15

Phenanthrene

Concen: 0.519 ng/ul

RT: 17.352 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

Instrument :

BNA_N

ClientSampleId :

EW920DL

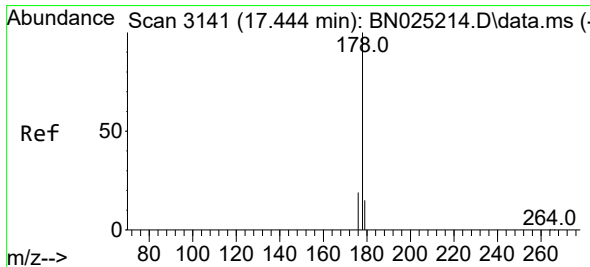
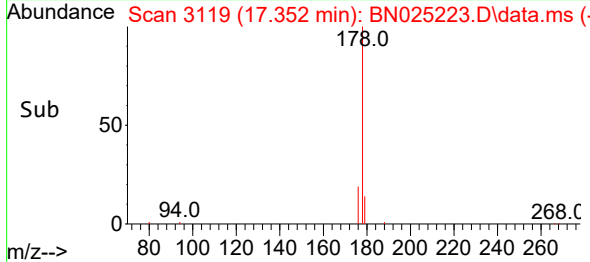
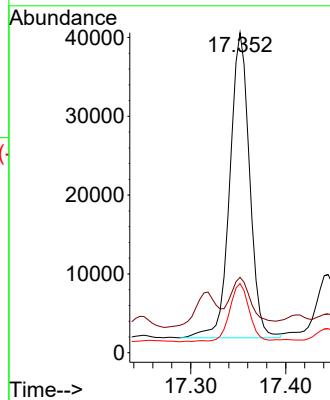
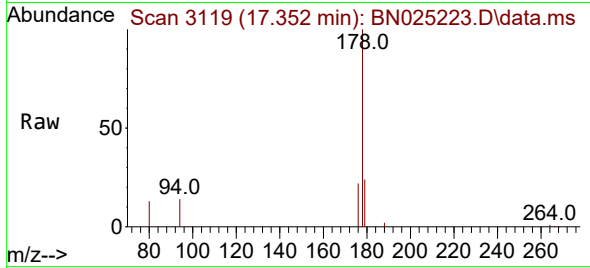
Tgt Ion:178 Resp: 56012

Ion Ratio Lower Upper

178 100

179 23.5 12.5 18.7#

176 21.6 15.6 23.4



#16

Anthracene

Concen: 0.150 ng/ul

RT: 17.445 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BN025223.D

Acq: 02 May 2023 16:48

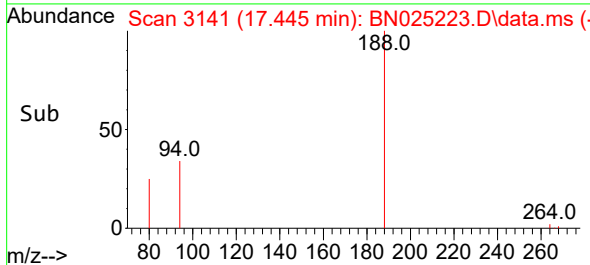
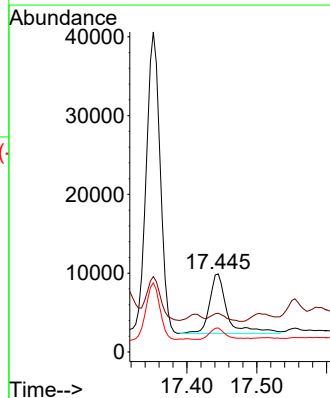
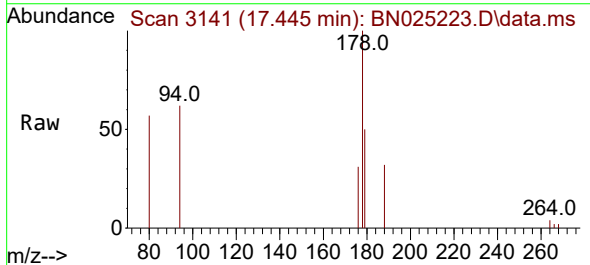
Tgt Ion:178 Resp: 13280

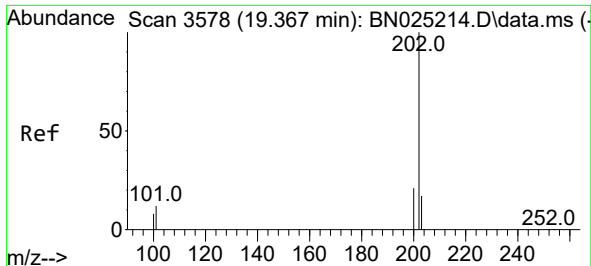
Ion Ratio Lower Upper

178 100

179 49.6 12.7 19.1#

176 30.8 15.3 22.9#

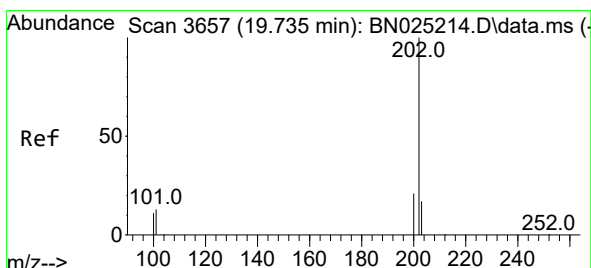
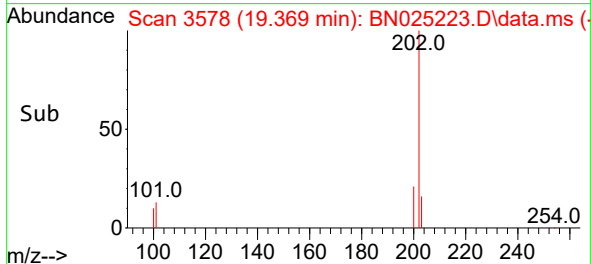
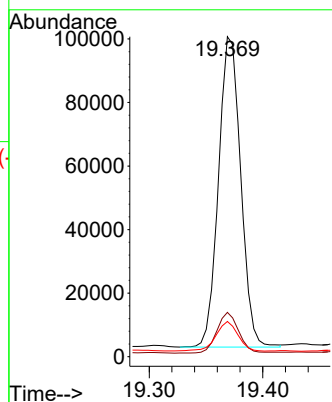
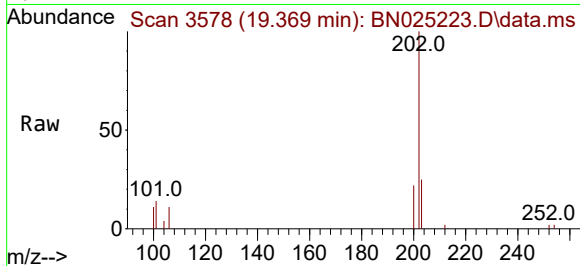




#19
Fluoranthene
Concen: 1.119 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

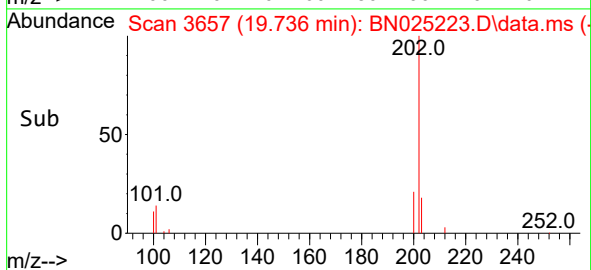
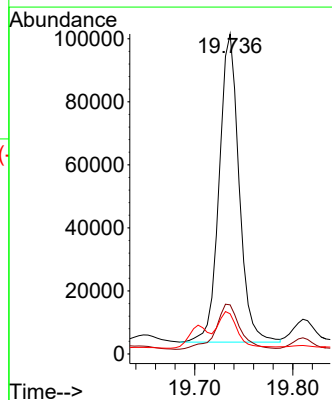
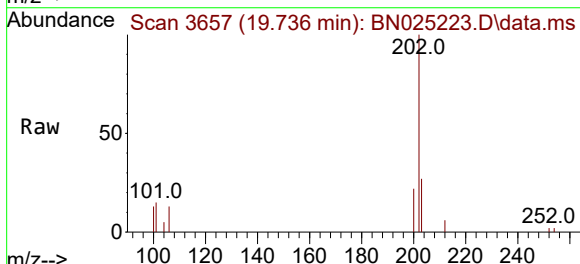
Instrument :
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EW920DL

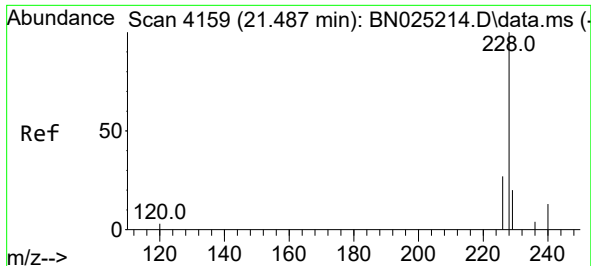
Tgt Ion:202 Resp: 132779
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 11.0 7.3 10.9#



#20
Pyrene
Concen: 1.135 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

Tgt Ion:202 Resp: 138392
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.6 9.2 13.8

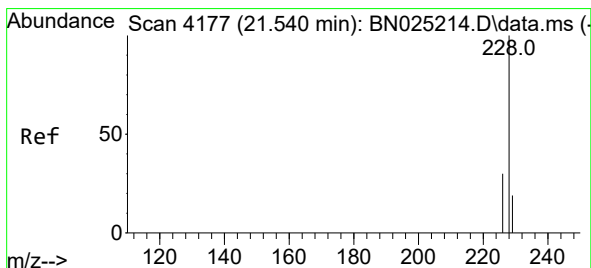
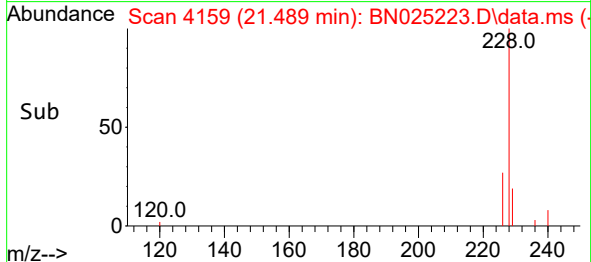
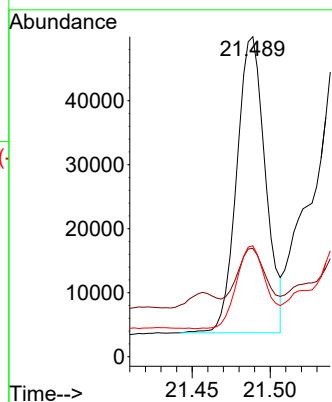
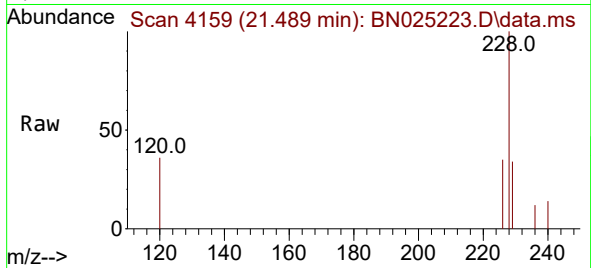




#21
Benzo(a)anthracene
Concen: 0.597 ng/ul
RT: 21.489 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

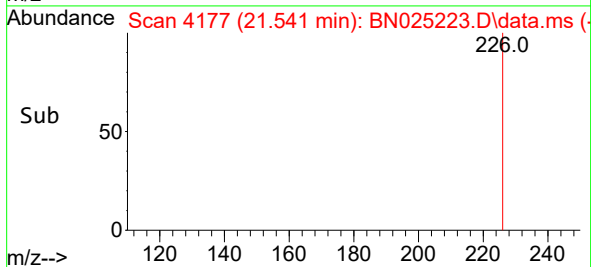
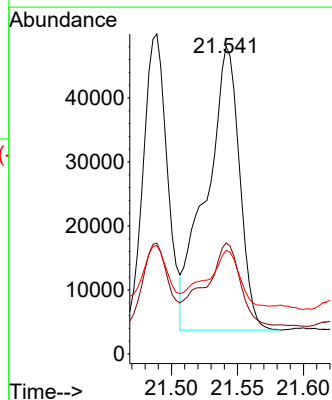
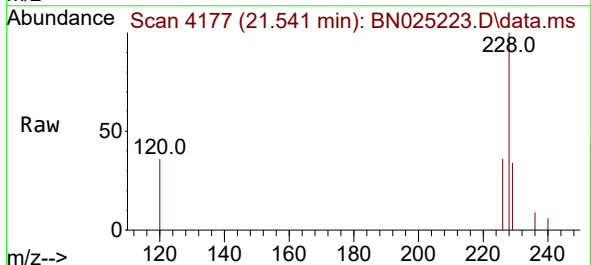
Instrument :
BNA_N
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EW920DL

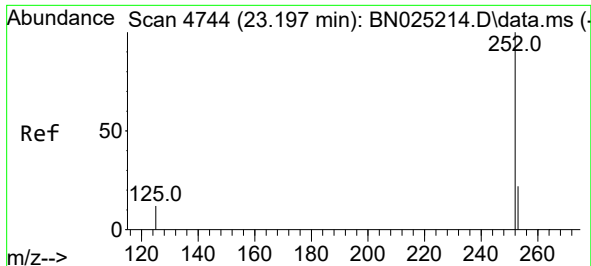
Tgt Ion:228 Resp: 59059
Ion Ratio Lower Upper
228 100
229 33.8 15.6 23.4#
226 34.7 22.1 33.1#



#22
Chrysene
Concen: 0.718 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

Tgt Ion:228 Resp: 77394
Ion Ratio Lower Upper
228 100
226 36.1 24.5 36.7
229 33.7 15.8 23.6#

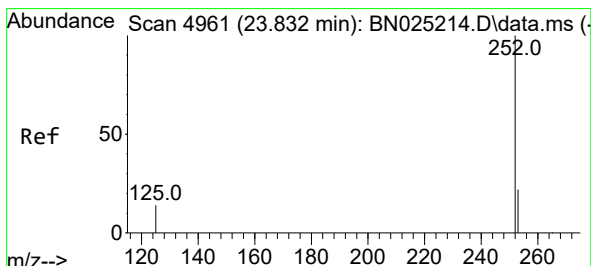
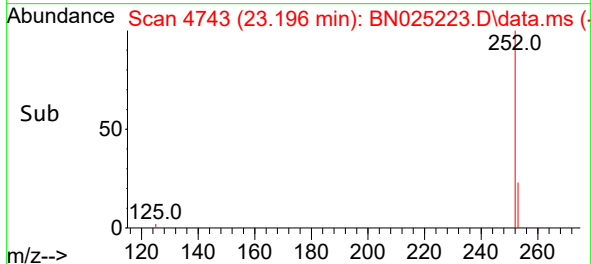
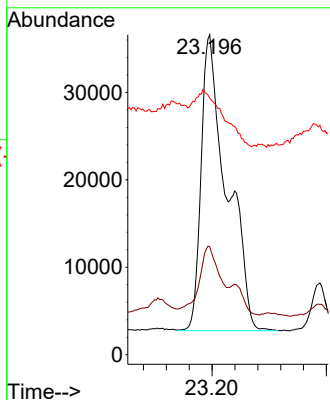
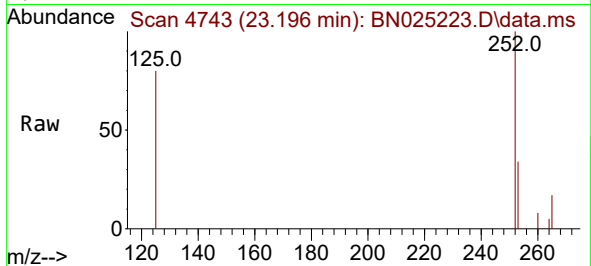




#24
Benzo(b)fluoranthene
Concen: 0.826 ng/ul
RT: 23.196 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

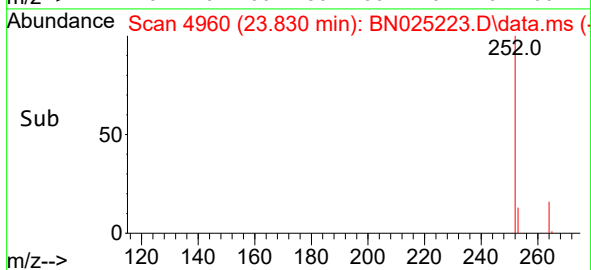
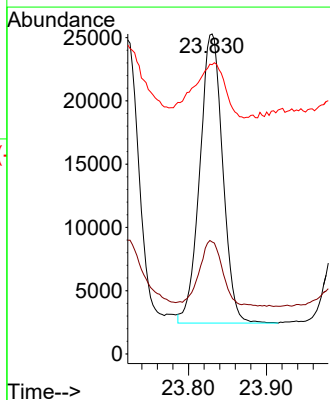
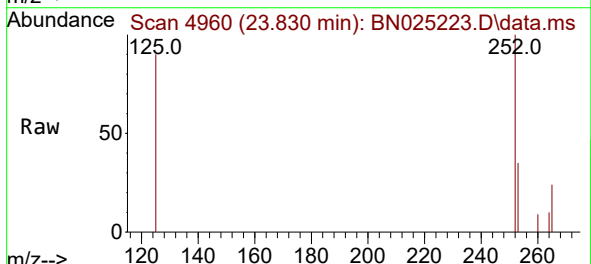
Instrument :
BNA_N
ClientSampleId :
EW920DL

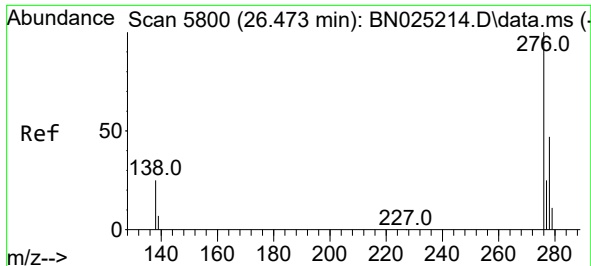
Tgt Ion:252 Resp: 105222
Ion Ratio Lower Upper
252 100
253 33.8 0.0 50.2
125 80.2 0.0 30.4#



#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.830 min Scan# 4960
Delta R.T. -0.001 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

Tgt Ion:252 Resp: 46700
Ion Ratio Lower Upper
252 100
253 35.0 21.4 32.2#
125 90.4 14.6 22.0#

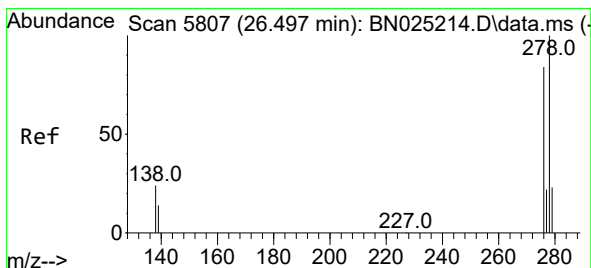
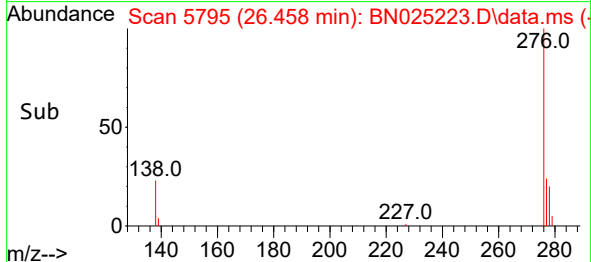
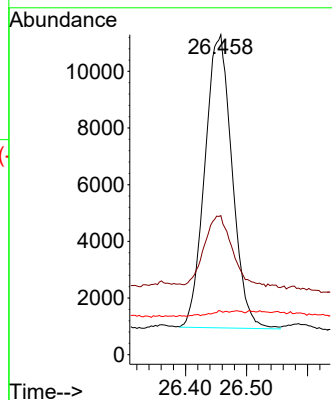
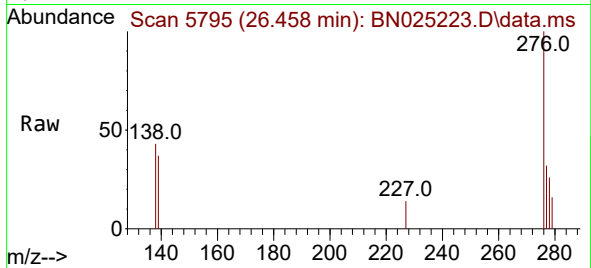




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. -0.015 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

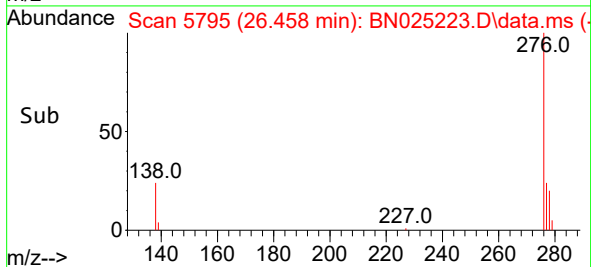
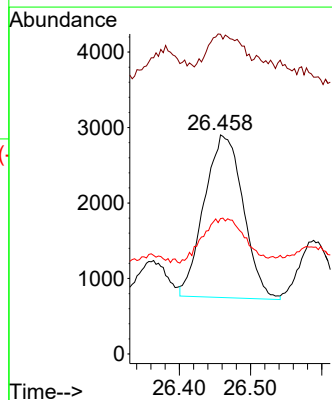
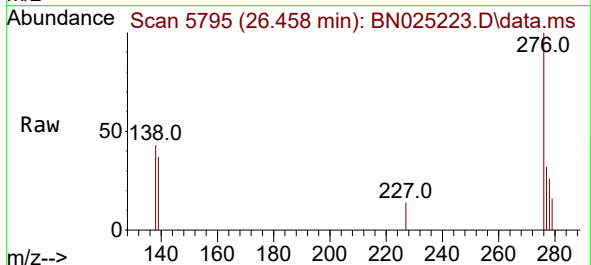
Instrument :
BNA_N
ClientSampleId :
EW920DL

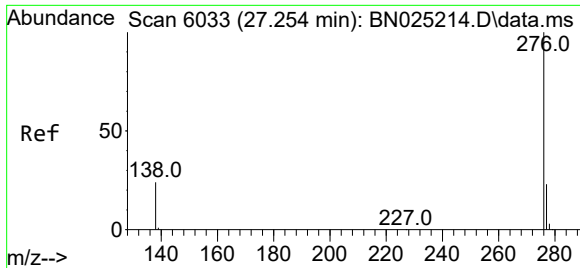
Tgt Ion:276 Resp: 32058
Ion Ratio Lower Upper
276 100
138 28.5 21.9 32.9
227 2.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. -0.039 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

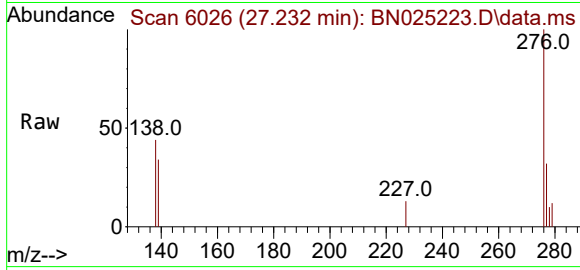
Tgt Ion:278 Resp: 8206
Ion Ratio Lower Upper
278 100
139 145.9 17.0 25.6#
279 61.8 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 27.232 min Scan# 60
Delta R.T. -0.022 min
Lab File: BN025223.D
Acq: 02 May 2023 16:48

Instrument :
BNA_N
ClientSampleId :
EW920DL



Tgt Ion:276 Resp: 26316
Ion Ratio Lower Upper
276 100
138 43.6 20.3 30.5#
277 31.5 19.8 29.6#

