

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027913.D
 Acq On : 27 Sep 2023 23:24
 Operator : MA/JU
 Sample : 04472-21DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM8DL

Quant Time: Sep 28 00:03:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

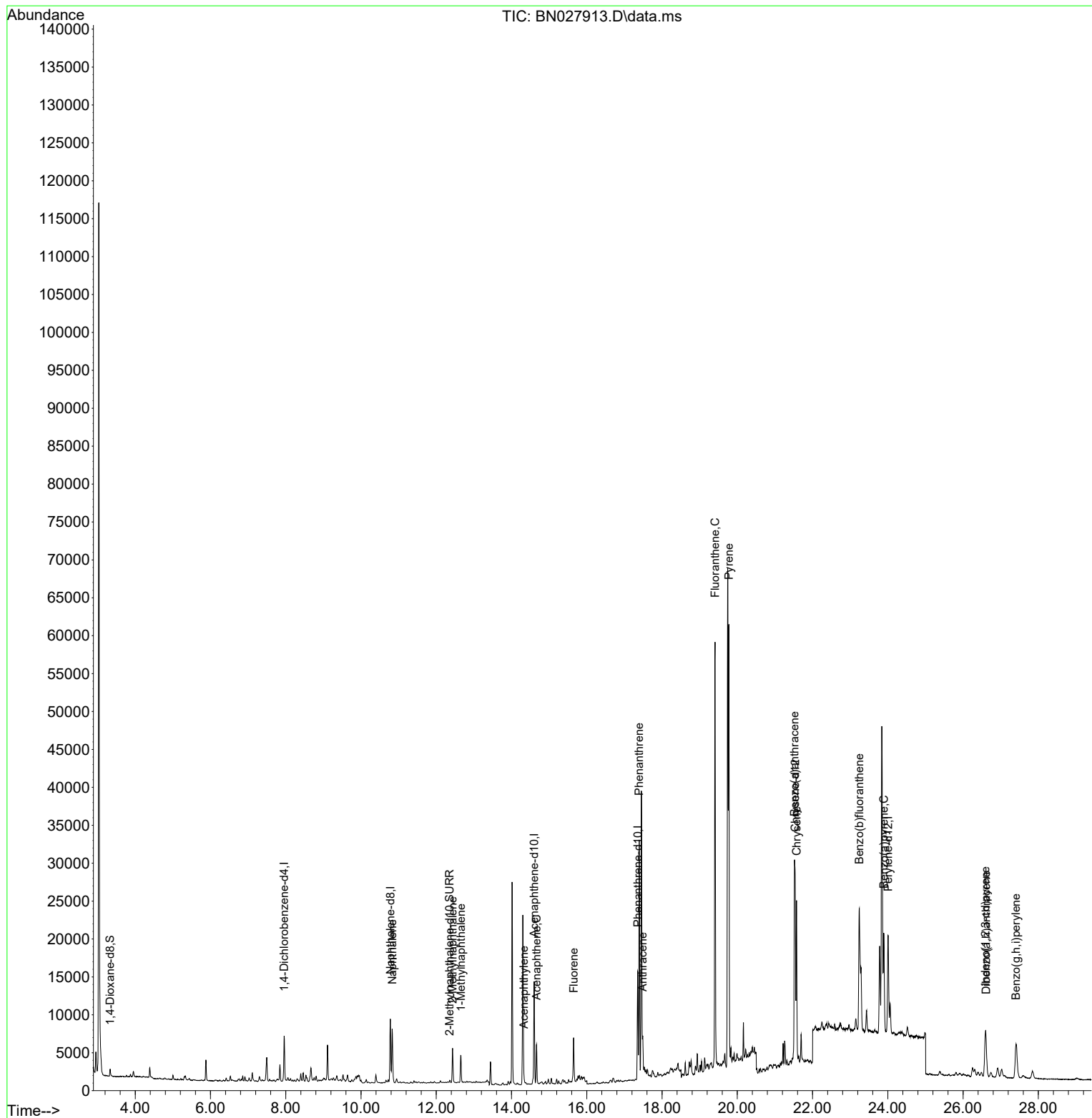
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17099	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17072	0.400	ng/ul	# 0.00
23) Perylene-d12	24.009	264	18340	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	751	0.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	383	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	1036	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	9696	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	3348	0.161	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	2518	0.118	ng/ul	97
10) Acenaphthylene	14.328	152	657	0.020	ng/ul#	58
11) Acenaphthene	14.666	153	3103	0.110	ng/ul	99
12) Fluorene	15.651	166	3749	0.113	ng/ul#	95
15) Phenanthrene	17.392	178	33648	0.626	ng/ul	99
16) Anthracene	17.485	178	4907	0.109	ng/ul#	91
19) Fluoranthene	19.408	202	49097	0.711	ng/ul	99
20) Pyrene	19.776	202	49707	0.699	ng/ul	99
21) Benzo(a)anthracene	21.519	228	21717	0.329	ng/ul#	94
22) Chrysene	21.574	228	23402	0.343	ng/ul#	91
24) Benzo(b)fluoranthene	23.240	252	39522	0.483	ng/ul	83
26) Benzo(a)pyrene	23.892	252	19223	0.292	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.596	276	11401	0.135	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.613	278	3061	0.045	ng/ul#	24
29) Benzo(g,h,i)perylene	27.407	276	11291	0.158	ng/ul	92

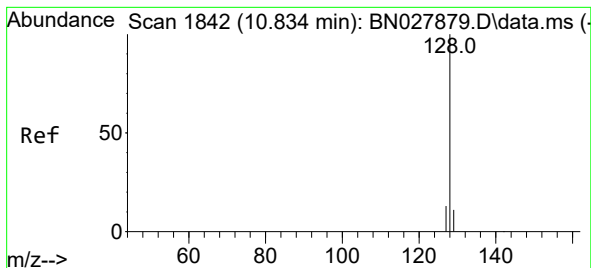
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 27 03:52:19 2023
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#5

Naphthalene

Concen: 0.296 ng/ul

RT: 10.828 min Scan# 1841

Delta R.T. -0.005 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

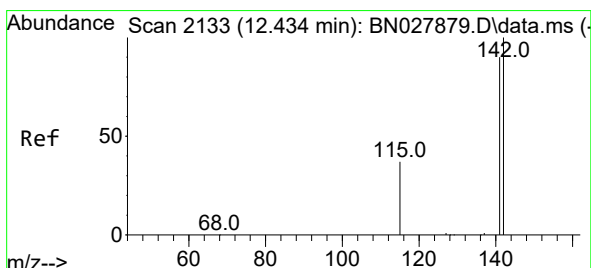
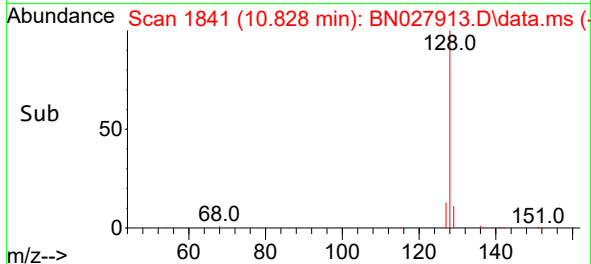
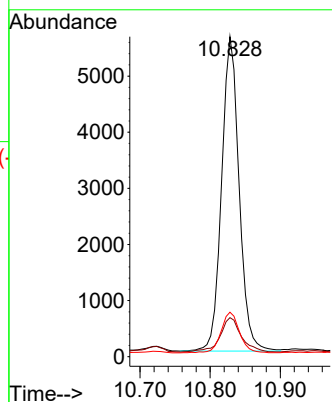
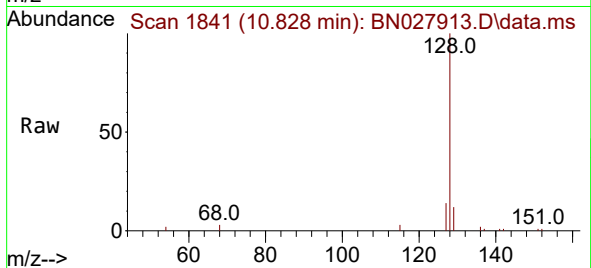
Tgt Ion:128 Resp: 9696

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

127 13.9 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.161 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BN027913.D

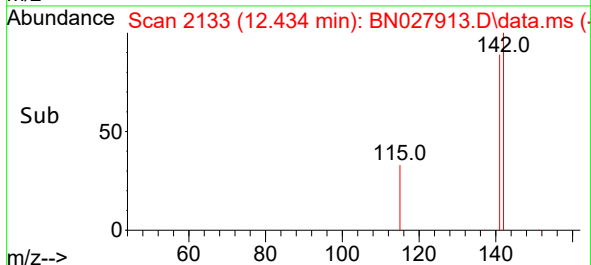
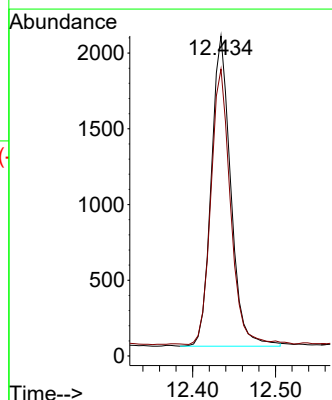
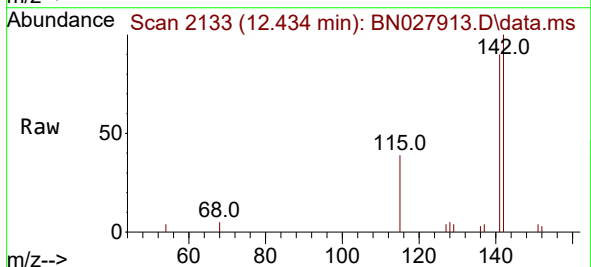
Acq: 27 Sep 2023 23:24

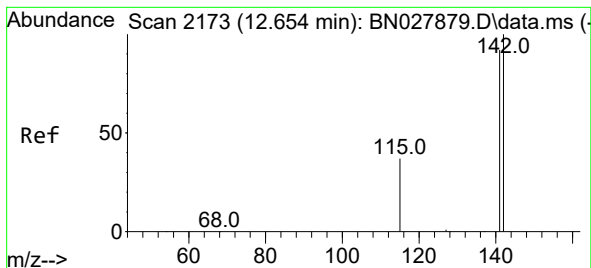
Tgt Ion:142 Resp: 3348

Ion Ratio Lower Upper

142 100

141 89.0 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.118 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

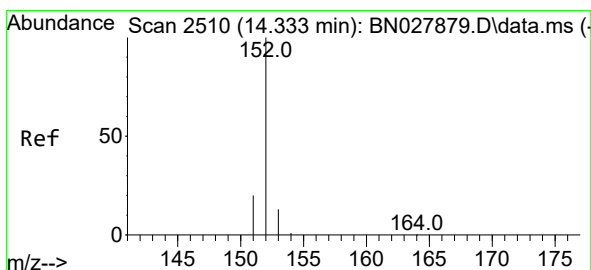
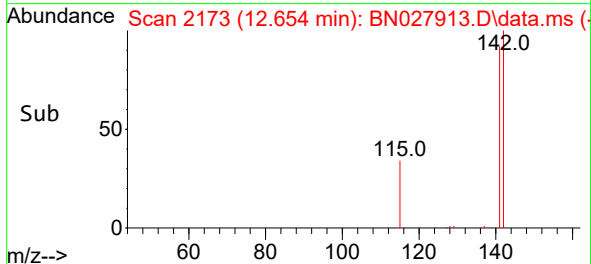
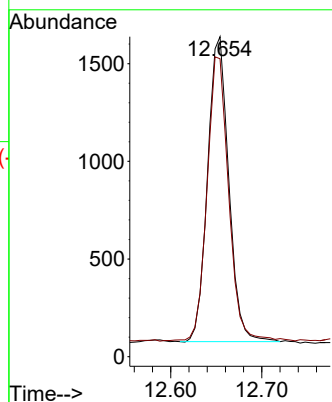
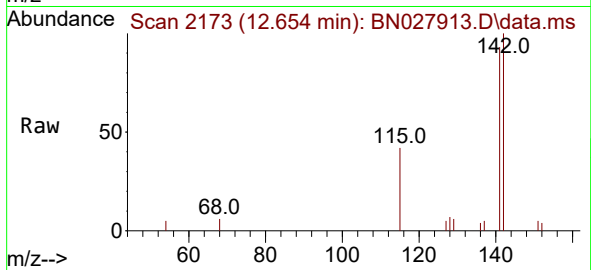
EZYM8DL

Tgt Ion:142 Resp: 2518

Ion Ratio Lower Upper

142 100

141 94.2 72.8 109.2



#10

Acenaphthylene

Concen: 0.020 ng/ul

RT: 14.328 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

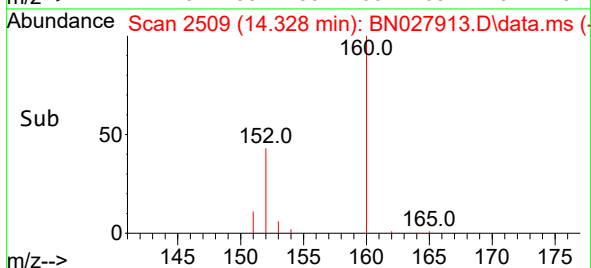
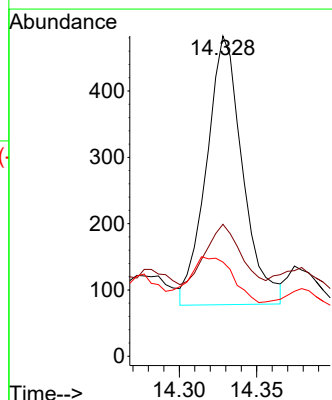
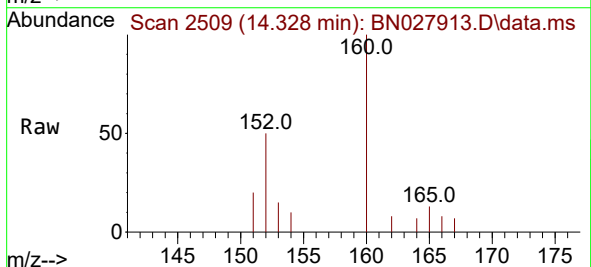
Tgt Ion:152 Resp: 657

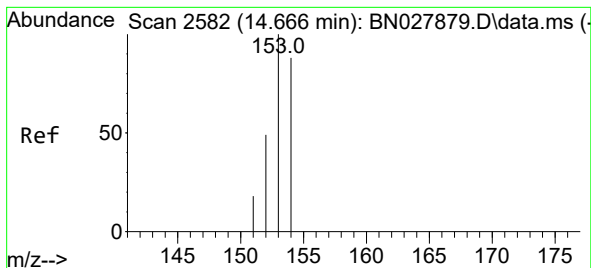
Ion Ratio Lower Upper

152 100

151 41.2 16.6 25.0#

153 29.4 11.0 16.6#





#11

Acenaphthene

Concen: 0.110 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

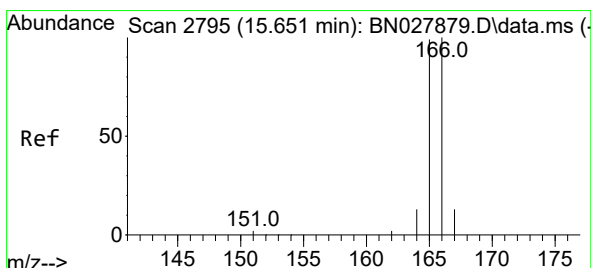
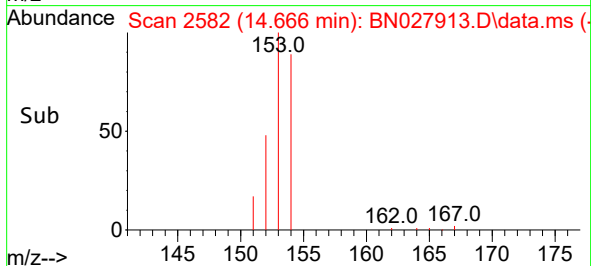
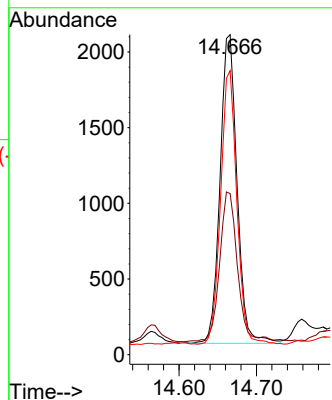
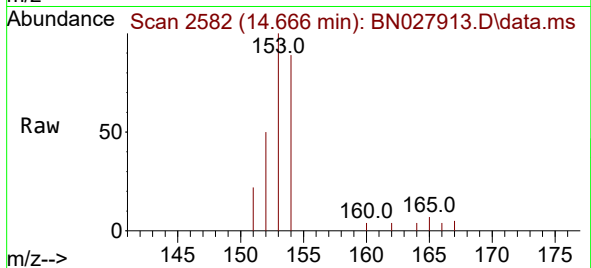
Tgt Ion:153 Resp: 3103

Ion Ratio Lower Upper

153 100

152 50.4 41.7 62.5

154 88.7 70.3 105.5



#12

Fluorene

Concen: 0.113 ng/ul

RT: 15.651 min Scan# 2795

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

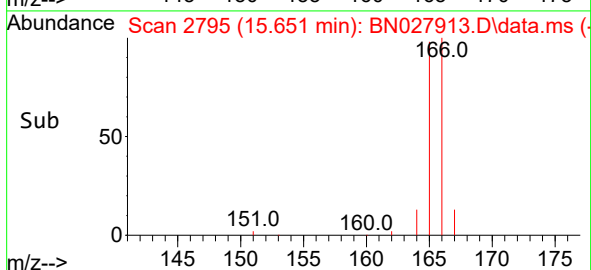
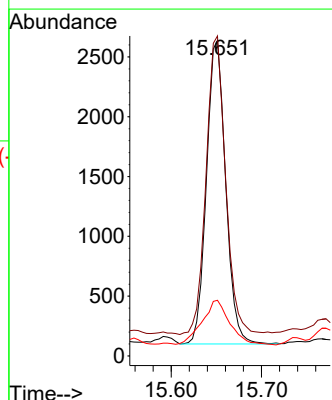
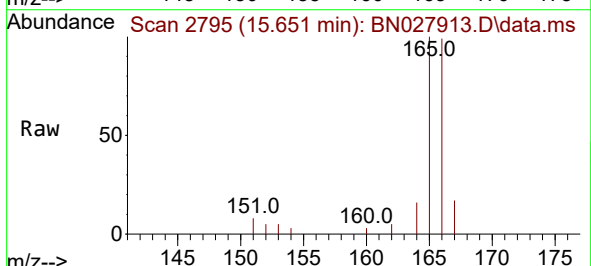
Tgt Ion:166 Resp: 3749

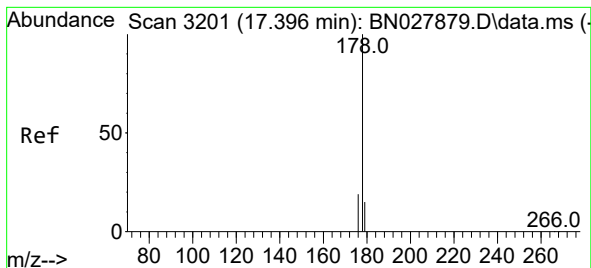
Ion Ratio Lower Upper

166 100

165 101.4 78.0 117.0

167 17.7 11.4 17.2#





#15

Phenanthrene

Concen: 0.626 ng/ul

RT: 17.392 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

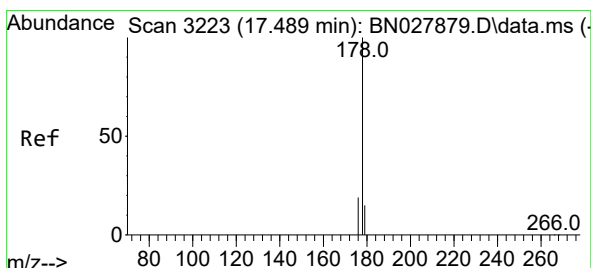
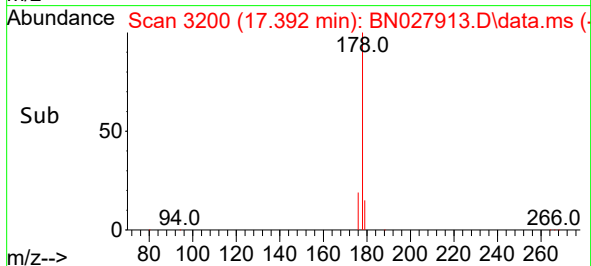
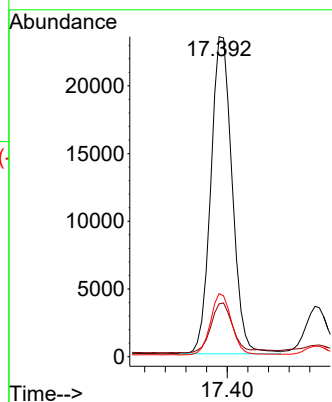
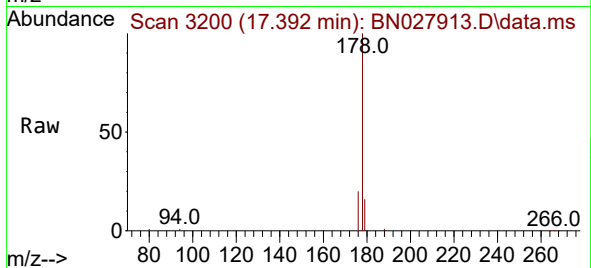
Tgt Ion:178 Resp: 33648

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

176 19.7 16.0 24.0



#16

Anthracene

Concen: 0.109 ng/ul

RT: 17.485 min Scan# 3222

Delta R.T. -0.004 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

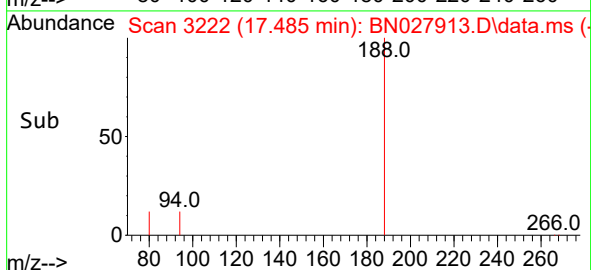
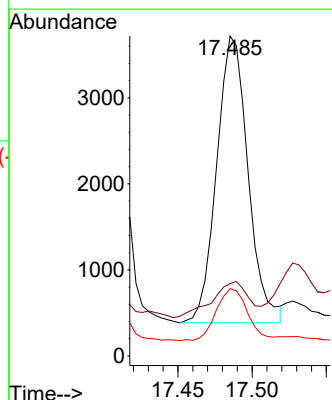
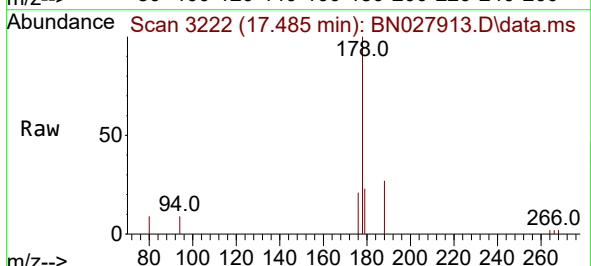
Tgt Ion:178 Resp: 4907

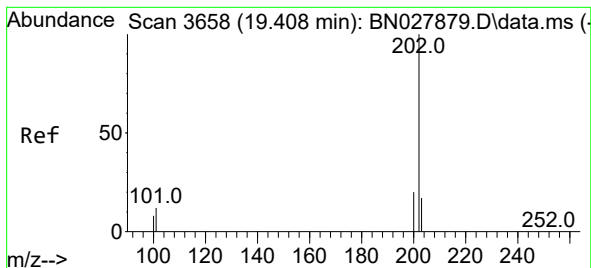
Ion Ratio Lower Upper

178 100

179 22.7 12.6 19.0#

176 21.0 15.5 23.3





#19

Fluoranthene

Concen: 0.711 ng/ul

RT: 19.408 min Scan# 3658

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

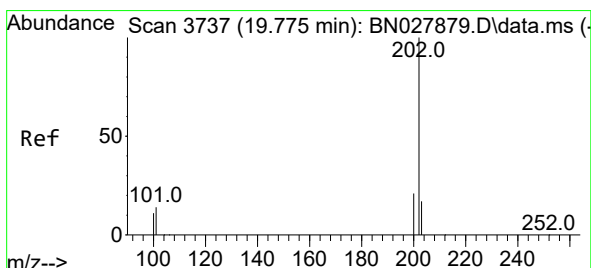
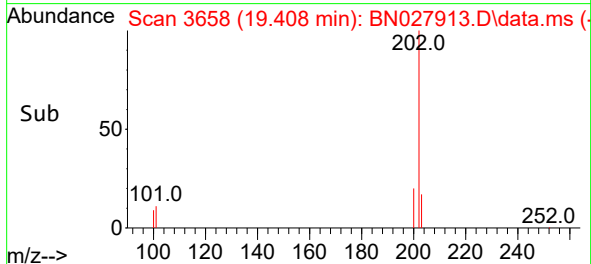
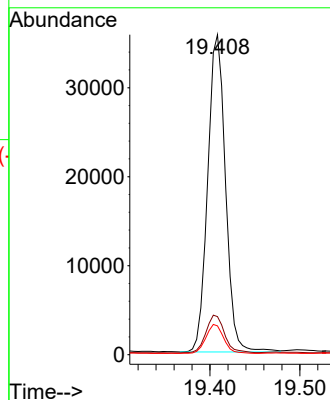
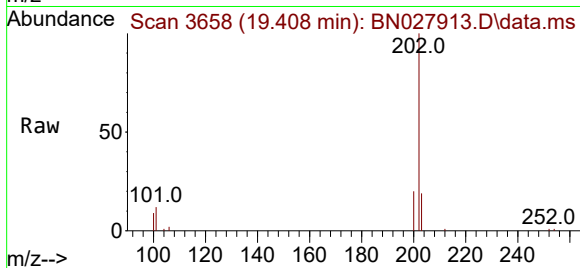
Tgt Ion:202 Resp: 49097

Ion Ratio Lower Upper

202 100

101 11.9 9.3 13.9

100 9.0 7.0 10.4



#20

Pyrene

Concen: 0.699 ng/ul

RT: 19.776 min Scan# 3737

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

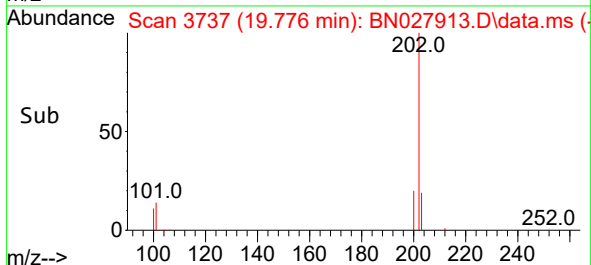
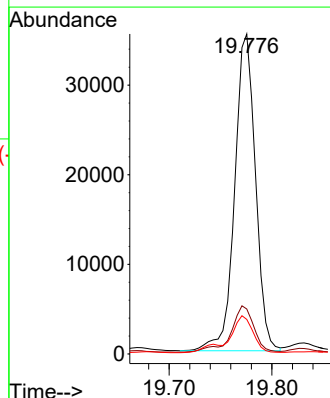
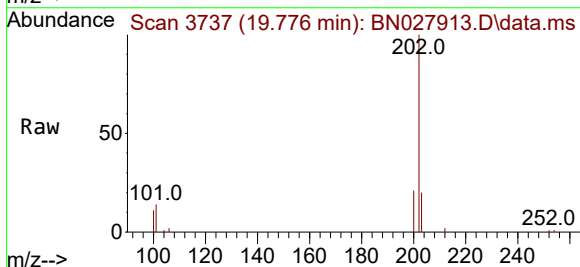
Tgt Ion:202 Resp: 49707

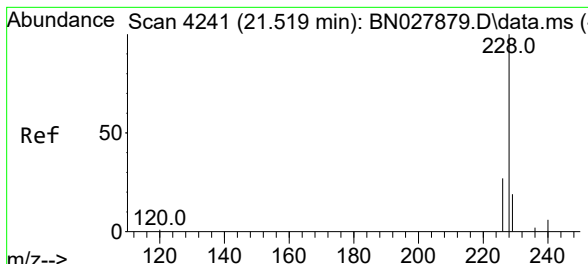
Ion Ratio Lower Upper

202 100

101 14.1 11.4 17.0

100 10.8 9.1 13.7



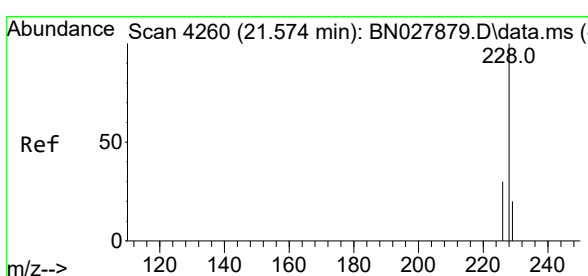
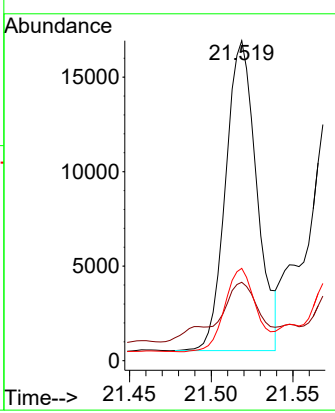
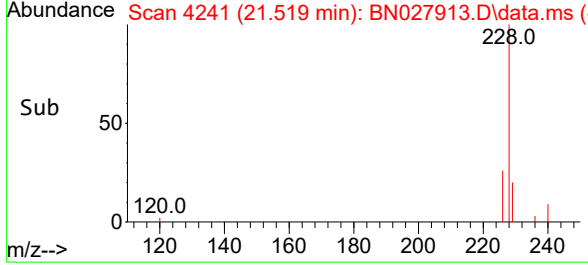
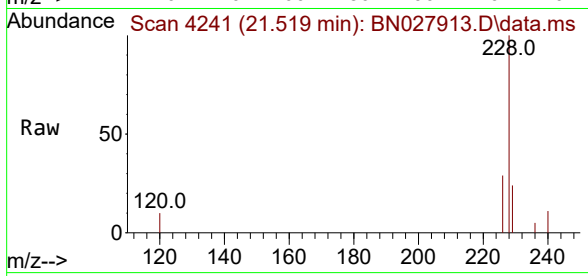


#21
 Benzo(a)anthracene
 Concen: 0.329 ng/ul
 RT: 21.519 min Scan# 4241
 Delta R.T. 0.000 min
 Lab File: BN027913.D
 Acq: 27 Sep 2023 23:24

Instrument :
 BNA_N
 ClientSampleId :
 EZYM8DL

Tgt Ion:228 Resp: 21717

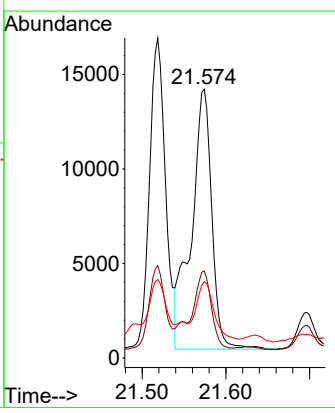
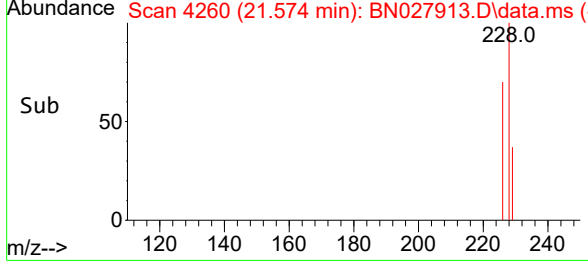
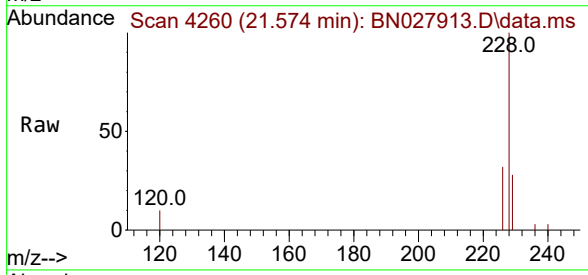
Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.8	23.8#
226	28.9	22.0	33.0

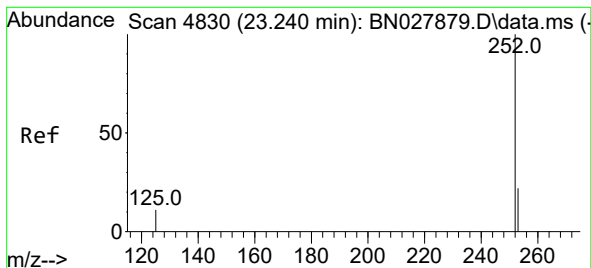


#22
 Chrysene
 Concen: 0.343 ng/ul
 RT: 21.574 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: BN027913.D
 Acq: 27 Sep 2023 23:24

Tgt Ion:228 Resp: 23402

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.5	36.7
229	28.4	16.0	24.0#





#24

Benzo(b)fluoranthene

Concen: 0.483 ng/ul

RT: 23.240 min Scan# 4830

Delta R.T. 0.000 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

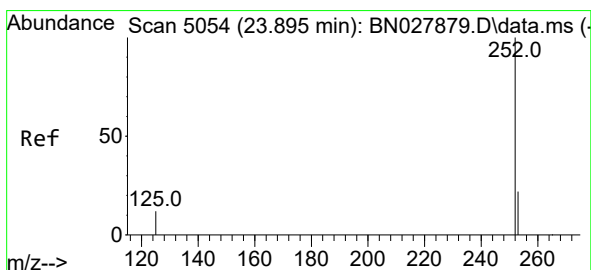
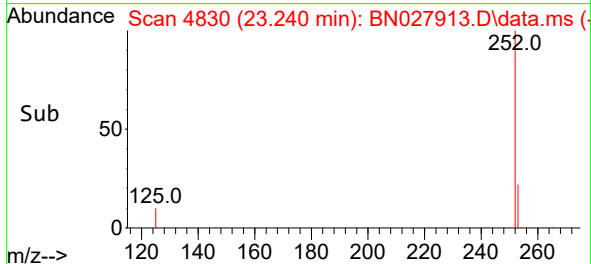
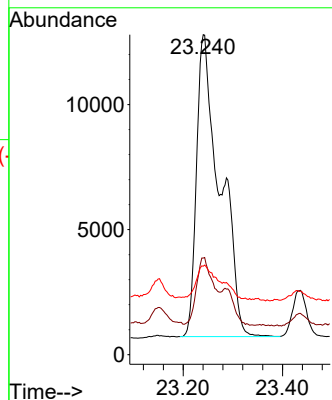
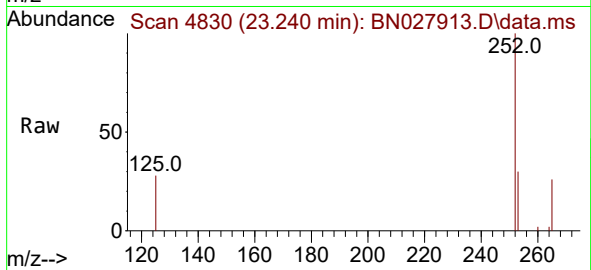
Tgt Ion:252 Resp: 39522

Ion Ratio Lower Upper

252 100

253 30.2 0.0 50.2

125 27.7 0.0 31.4



#26

Benzo(a)pyrene

Concen: 0.292 ng/ul

RT: 23.892 min Scan# 5053

Delta R.T. -0.003 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

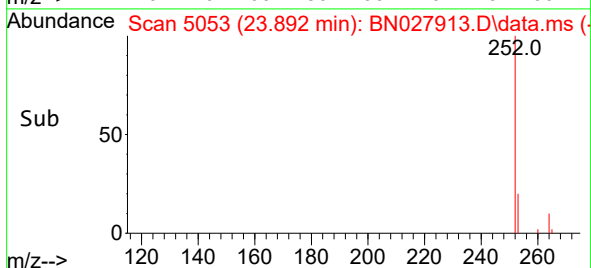
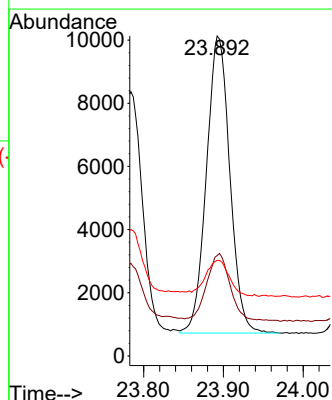
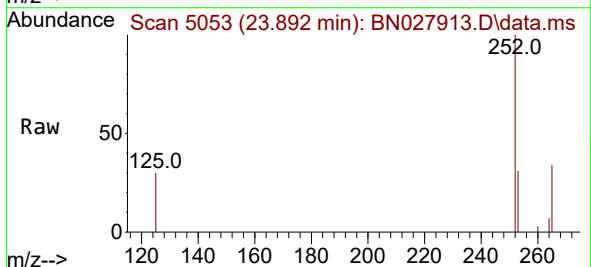
Tgt Ion:252 Resp: 19223

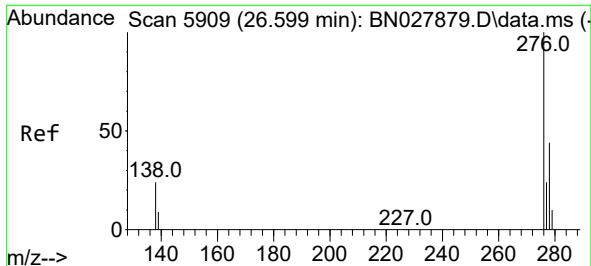
Ion Ratio Lower Upper

252 100

253 31.4 21.9 32.9

125 29.8 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

RT: 26.596 min Scan# 5909

Delta R.T. -0.003 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

Instrument :

BNA_N

ClientSampleId :

EZYM8DL

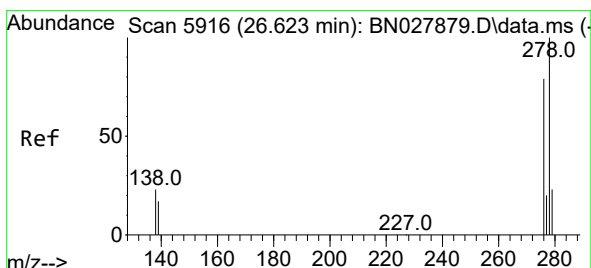
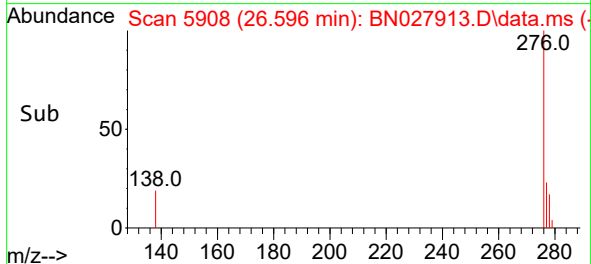
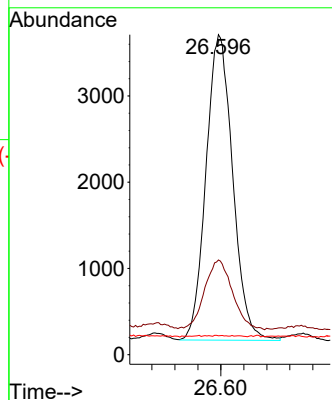
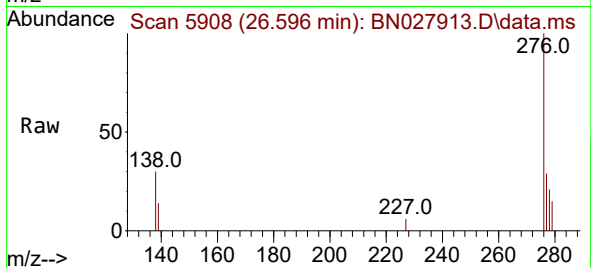
Tgt Ion:276 Resp: 11401

Ion Ratio Lower Upper

276 100

138 24.1 24.3 36.5#

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.045 ng/ul

RT: 26.613 min Scan# 5913

Delta R.T. -0.010 min

Lab File: BN027913.D

Acq: 27 Sep 2023 23:24

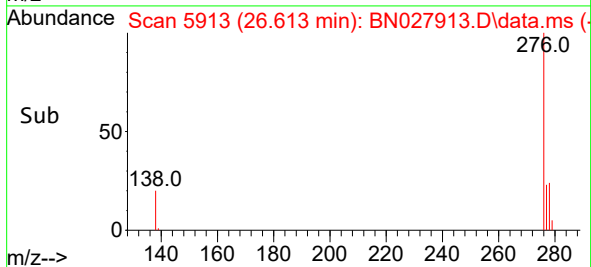
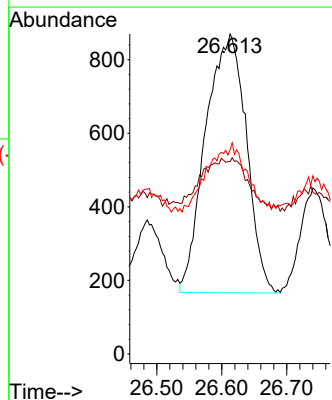
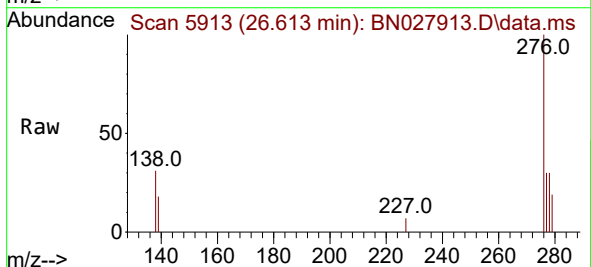
Tgt Ion:278 Resp: 3061

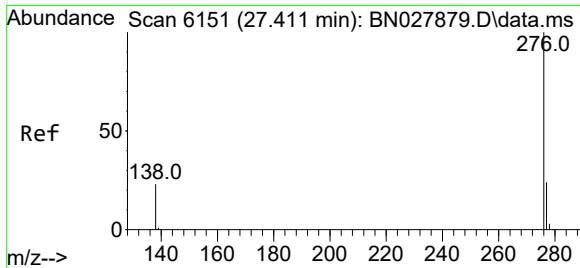
Ion Ratio Lower Upper

278 100

139 60.1 17.2 25.8#

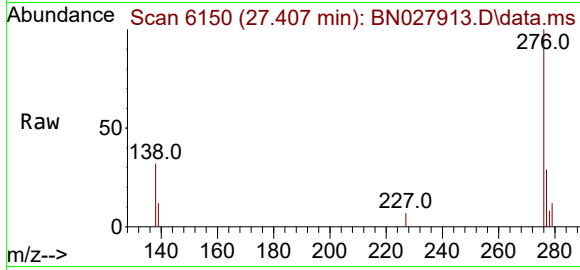
279 63.8 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 27.407 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: BN027913.D
 Acq: 27 Sep 2023 23:24

Instrument :
 BNA_N
 ClientSampleId :
 EZYM8DL



Tgt Ion:	276	Resp:	11291
Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.7	32.5
277	28.8	20.2	30.2

