

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027899.D
 Acq On : 27 Sep 2023 14:56
 Operator : MA/JU
 Sample : 04472-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYZE9

Quant Time: Sep 28 00:00:51 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)

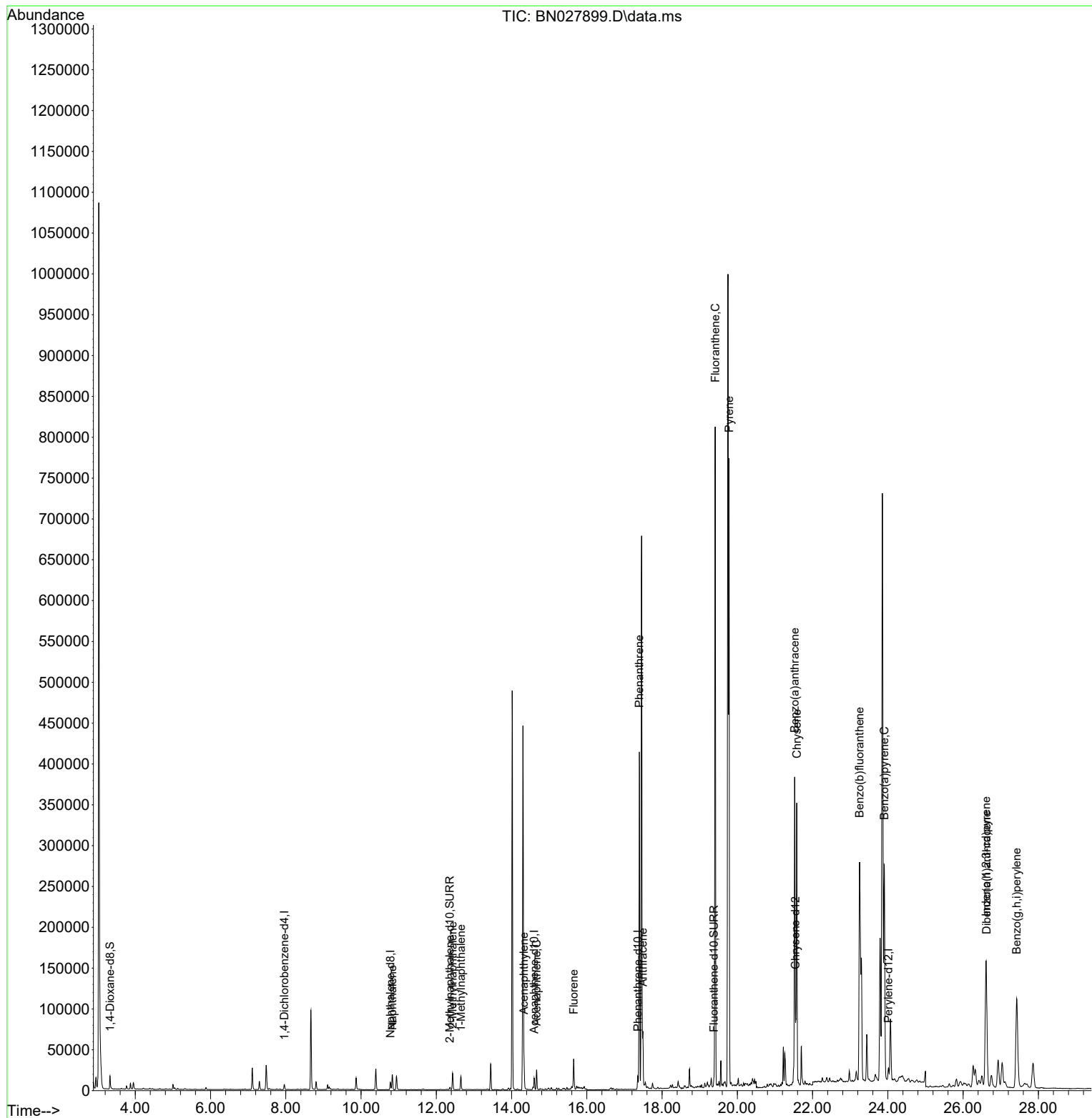
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11969	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	18370	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	18486	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	19742	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	11100	2.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3575	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	10416	0.184	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	25185	0.736	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	14455	0.666	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	11209	0.501	ng/ul	99
10) Acenaphthylene	14.333	152	36101	1.035	ng/ul	99
11) Acenaphthene	14.666	153	13945	0.463	ng/ul	98
12) Fluorene	15.651	166	23581	0.665	ng/ul	100
15) Phenanthrene	17.396	178	429983	7.449	ng/ul	99
16) Anthracene	17.489	178	68233	1.412	ng/ul	98
19) Fluoranthene	19.413	202	680251	9.100	ng/ul	100
20) Pyrene	19.780	202	605914	7.868	ng/ul	98
21) Benzo(a)anthracene	21.524	228	339719	4.749	ng/ul	99
22) Chrysene	21.580	228	338535	4.580	ng/ul	97
24) Benzo(b)fluoranthene	23.249	252	686761	7.804	ng/ul	95
26) Benzo(a)pyrene	23.907	252	398055	5.624	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.609	276	278284	3.069	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.623	278	68209	0.934	ng/ul	96
29) Benzo(g,h,i)perylene	27.424	276	258512	3.357	ng/ul	96

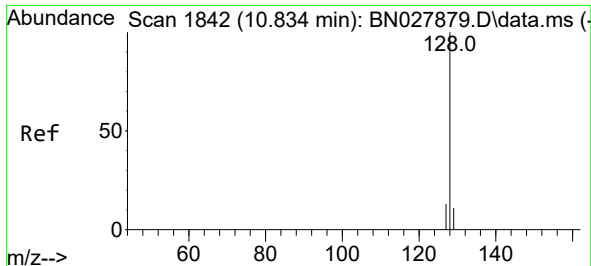
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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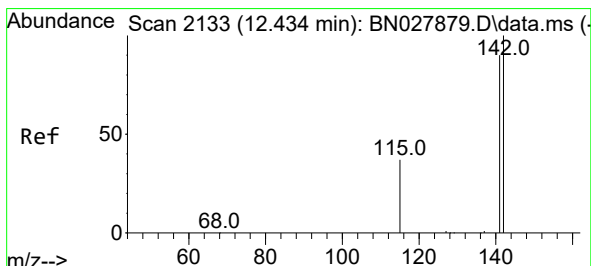
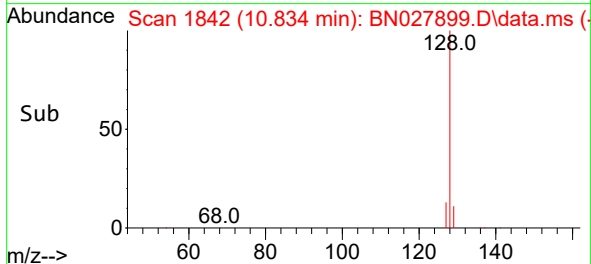
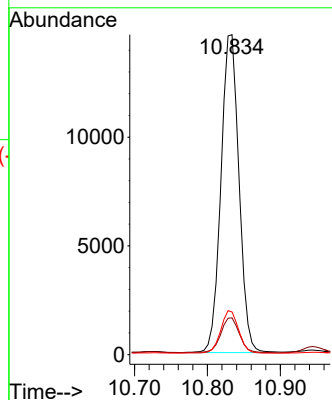
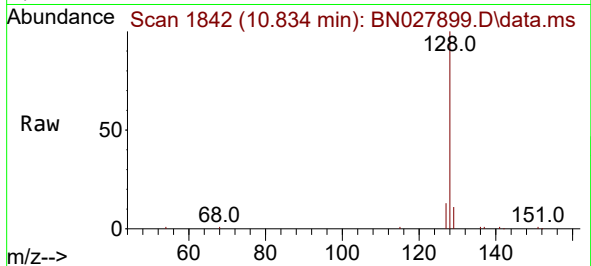




#5
Naphthalene
Concen: 0.736 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

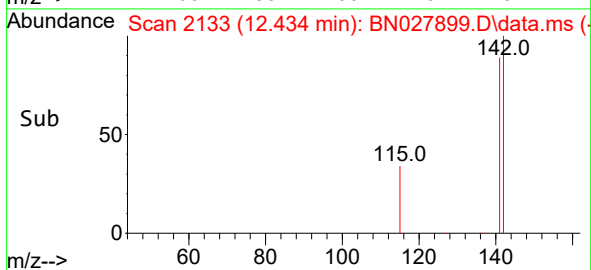
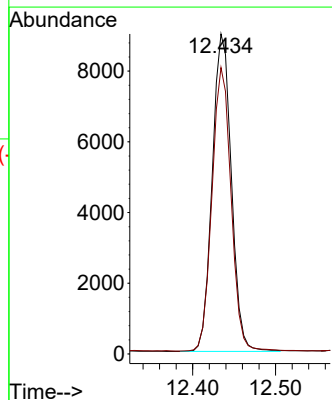
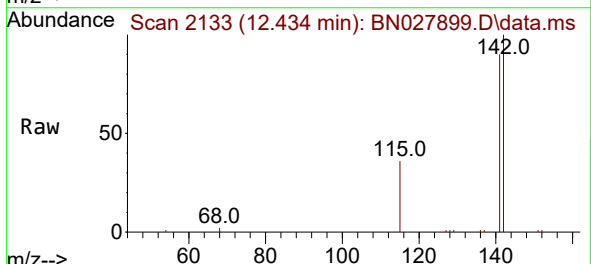
Instrument :
BNA_N
ClientSampleId :
EZY9

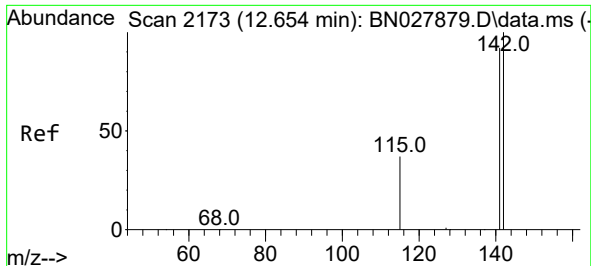
Tgt Ion:128 Resp: 25185
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.666 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:142 Resp: 14455
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7

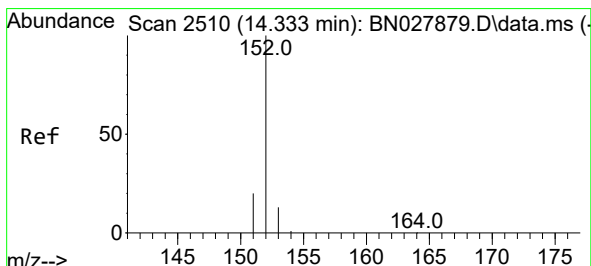
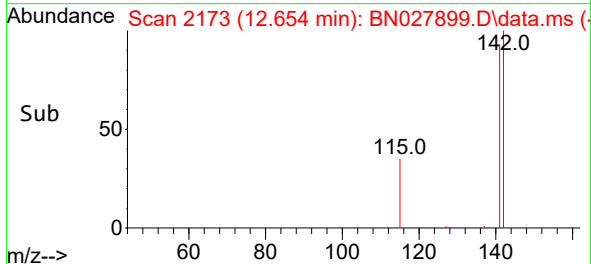
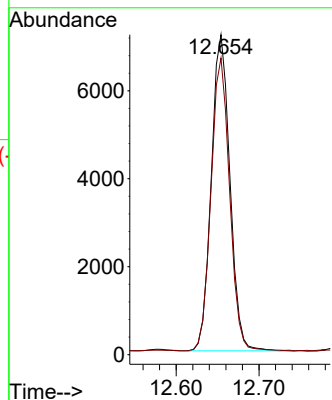
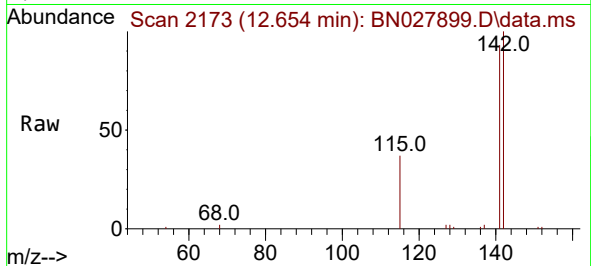




#8
1-Methylnaphthalene
Concen: 0.501 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

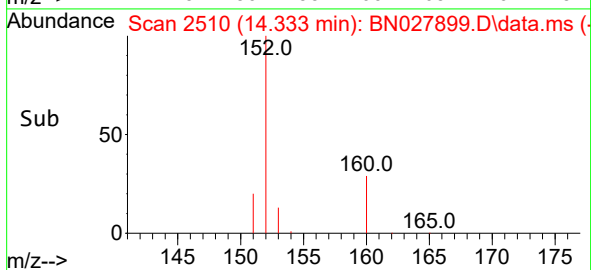
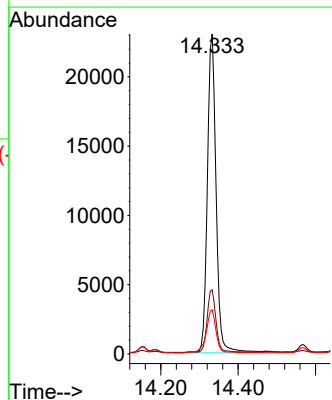
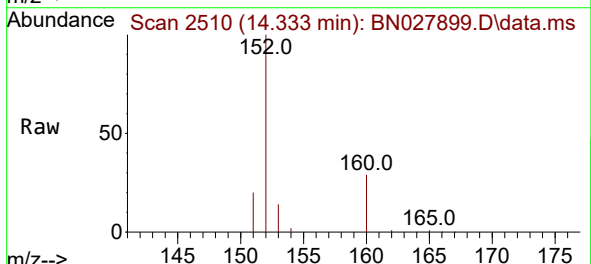
Instrument :
BNA_N
ClientSampleId :
EZY9

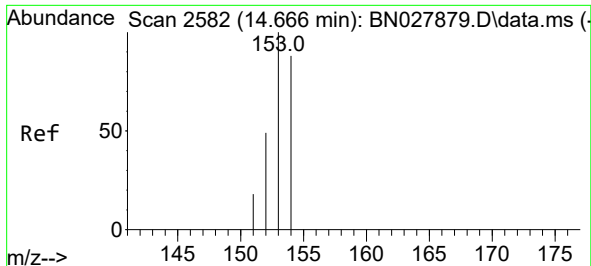
Tgt Ion:142 Resp: 11209
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2



#10
Acenaphthylene
Concen: 1.035 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:152 Resp: 36101
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.8 11.0 16.6

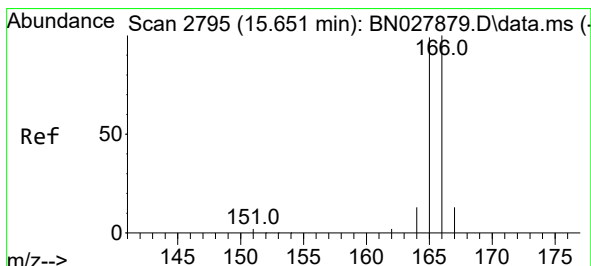
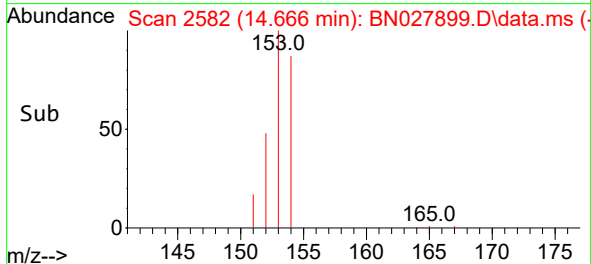
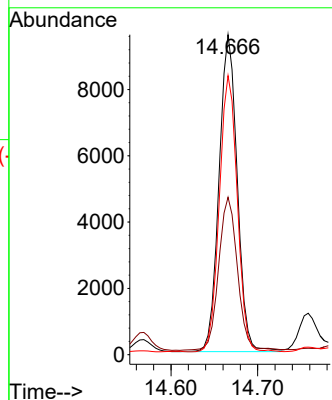
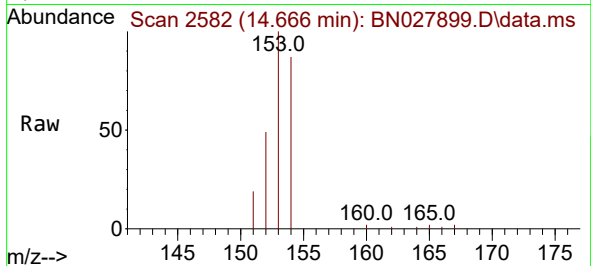




#11
Acenaphthene
Concen: 0.463 ng/ul
RT: 14.666 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

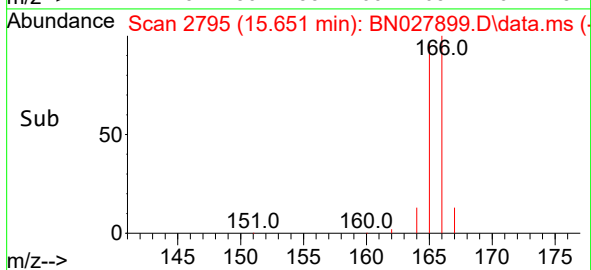
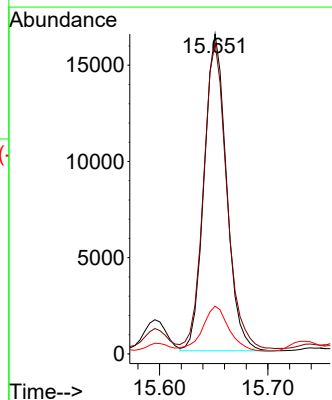
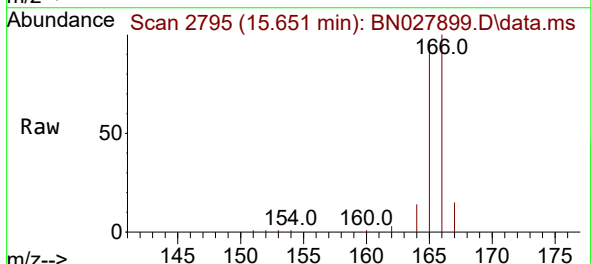
Instrument :
BNA_N
ClientSampleId :
EZY9

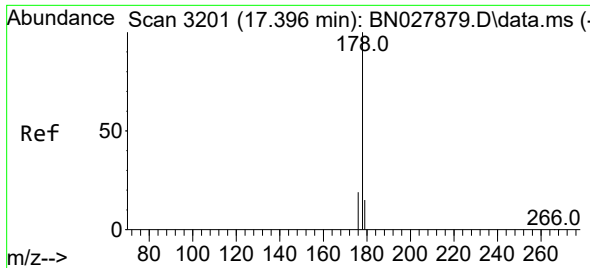
Tgt Ion:153 Resp: 13945
Ion Ratio Lower Upper
153 100
152 49.2 41.7 62.5
154 87.2 70.3 105.5



#12
Fluorene
Concen: 0.665 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:166 Resp: 23581
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 14.9 11.4 17.2

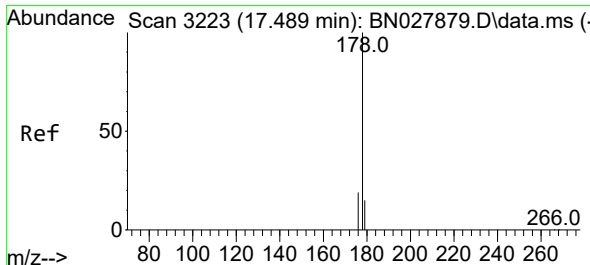
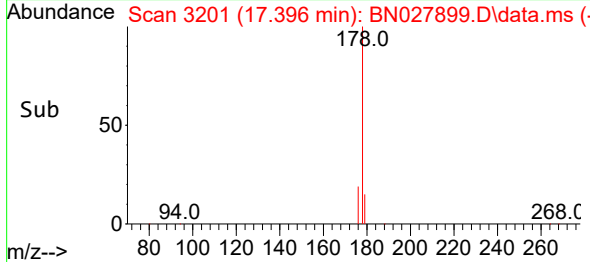
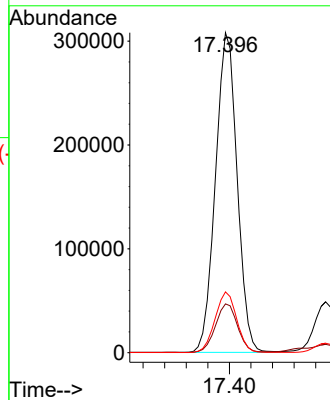
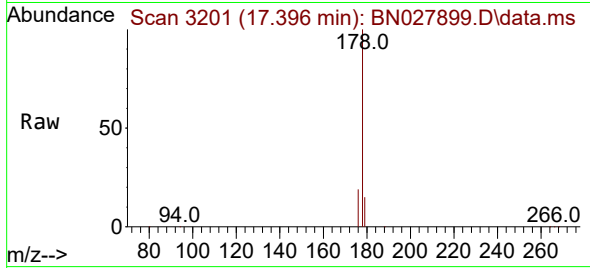




#15
Phenanthrene
Concen: 7.449 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

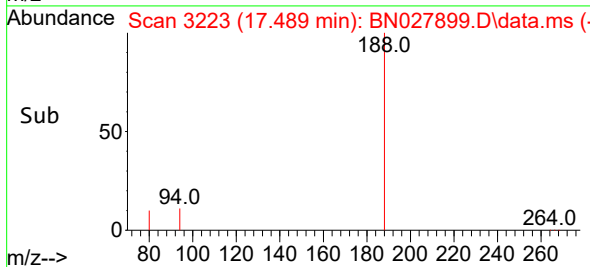
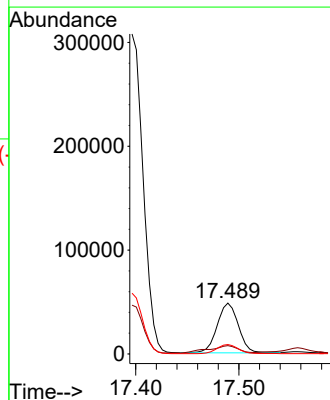
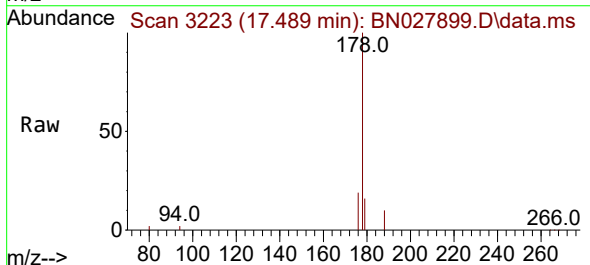
Instrument :
BNA_N
ClientSampleId :
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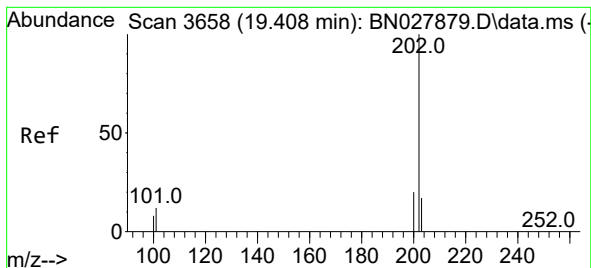
Tgt Ion:178 Resp: 429983
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.0 16.0 24.0



#16
Anthracene
Concen: 1.412 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. -0.000 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:178 Resp: 68233
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 18.5 15.5 23.3





#19

Fluoranthene

Concen: 9.100 ng/u1

RT: 19.413 min Scan# 3659

Delta R.T. 0.005 min

Lab File: BN027899.D

Acq: 27 Sep 2023 14:56

Instrument :

BNA_N

ClientSampleId :

EZY9

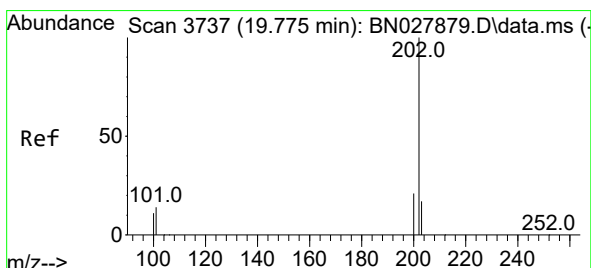
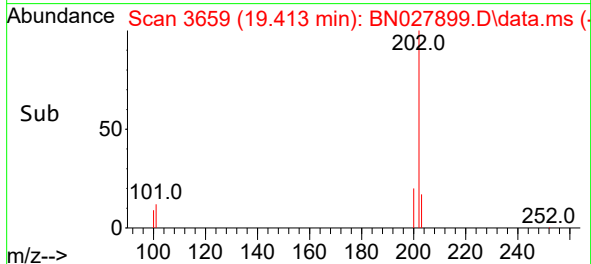
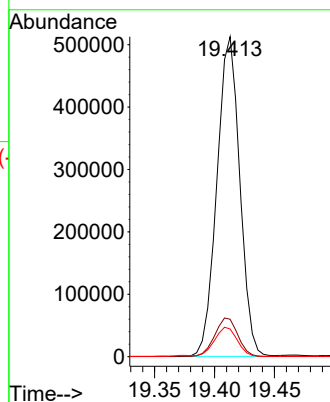
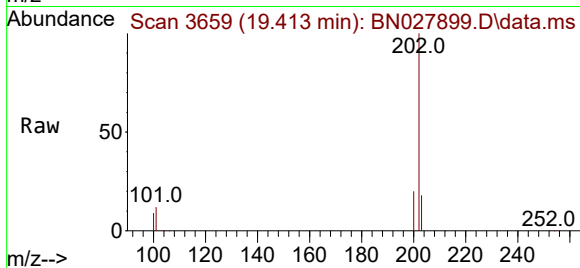
Tgt Ion:202 Resp: 680251

Ion Ratio Lower Upper

202 100

101 11.7 9.3 13.9

100 8.7 7.0 10.4



#20

Pyrene

Concen: 7.868 ng/u1

RT: 19.780 min Scan# 3738

Delta R.T. 0.005 min

Lab File: BN027899.D

Acq: 27 Sep 2023 14:56

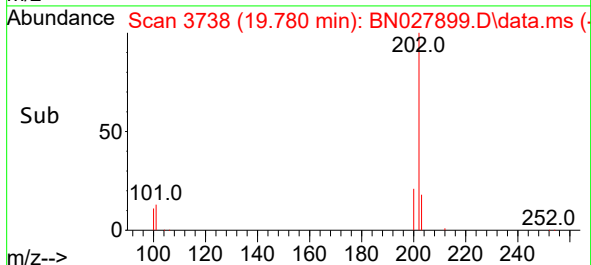
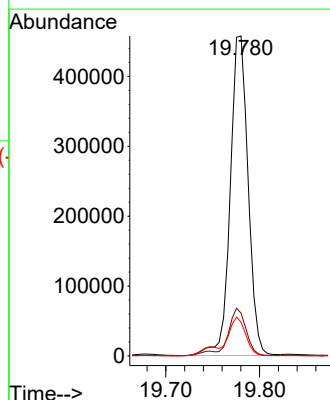
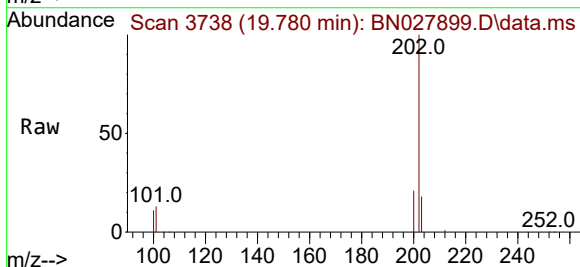
Tgt Ion:202 Resp: 605914

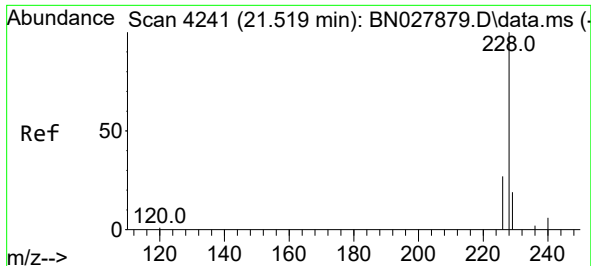
Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.0

100 10.6 9.1 13.7

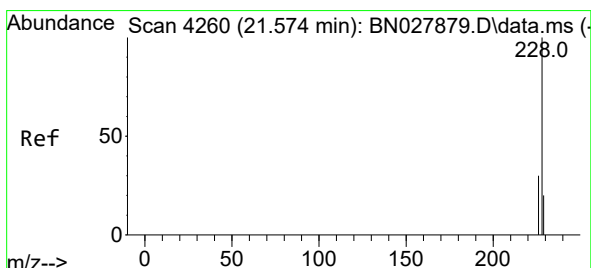
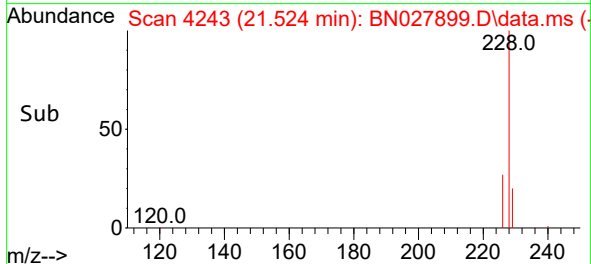
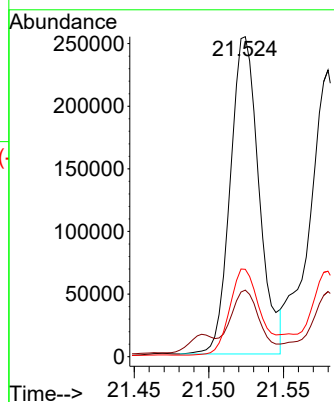
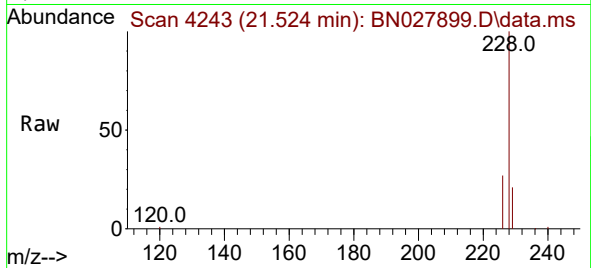




#21
Benzo(a)anthracene
Concen: 4.749 ng/ul
RT: 21.524 min Scan# 4241
Delta R.T. 0.006 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

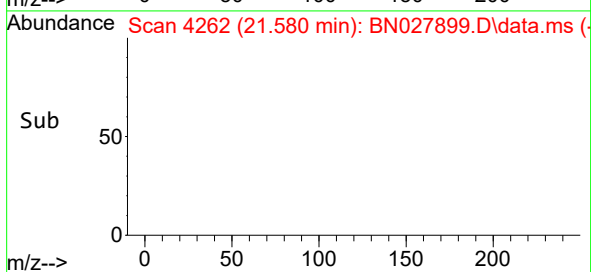
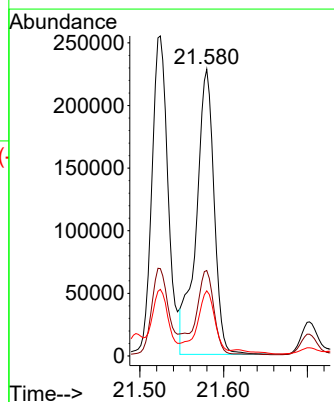
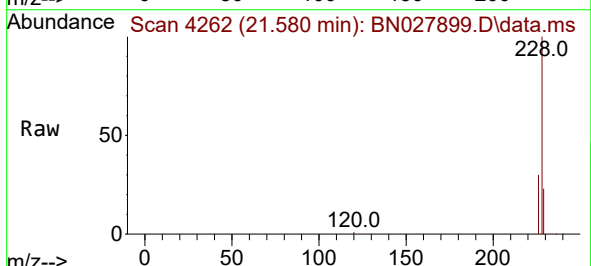
Instrument :
BNA_N
ClientSampleId :
EZY9

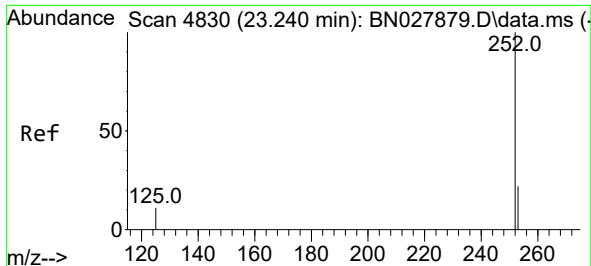
Tgt Ion:228 Resp: 339719
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.3 22.0 33.0



#22
Chrysene
Concen: 4.580 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:228 Resp: 338535
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 22.7 16.0 24.0

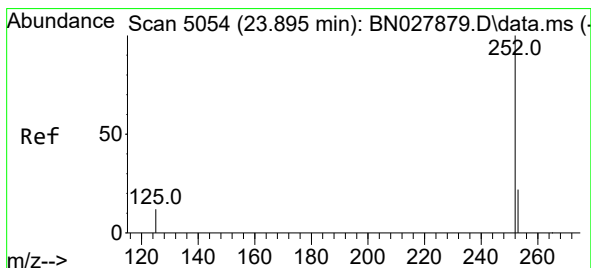
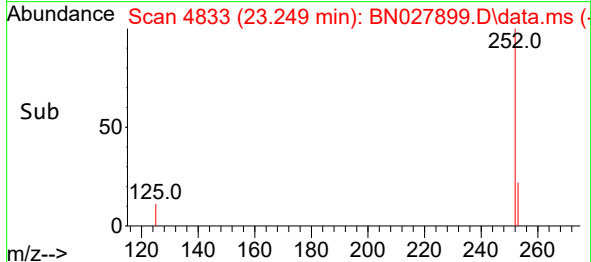
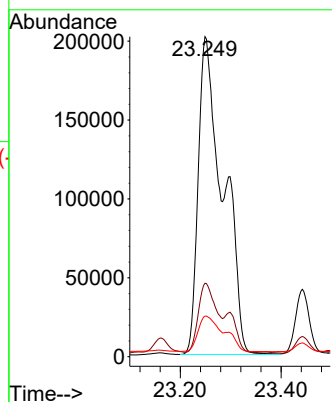
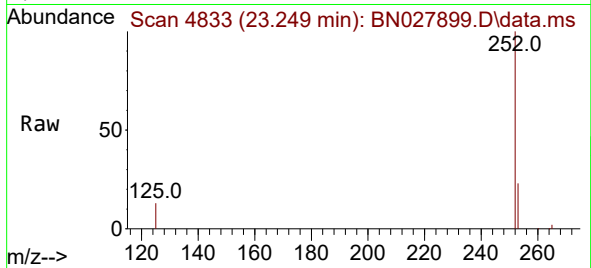




#24
Benzo(b)fluoranthene
Concen: 7.804 ng/ul
RT: 23.249 min Scan# 4830
Delta R.T. 0.009 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

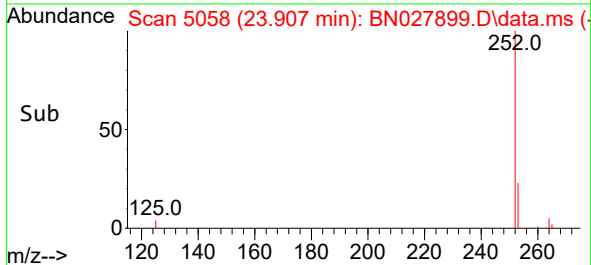
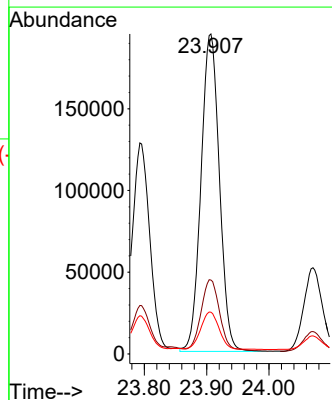
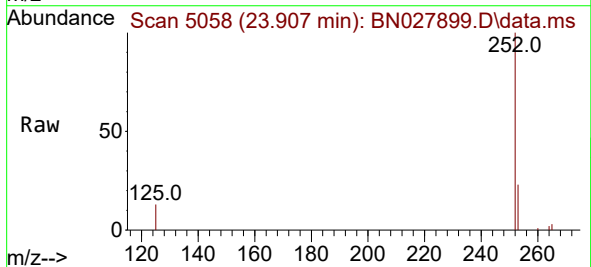
Instrument :
BNA_N
ClientSampleId :
EZY9

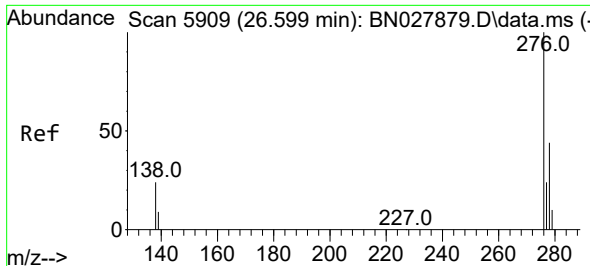
Tgt Ion:252 Resp: 686761
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.7 0.0 31.4



#26
Benzo(a)pyrene
Concen: 5.624 ng/ul
RT: 23.907 min Scan# 5058
Delta R.T. 0.012 min
Lab File: BN027899.D
Acq: 27 Sep 2023 14:56

Tgt Ion:252 Resp: 398055
Ion Ratio Lower Upper
252 100
253 23.1 21.9 32.9
125 13.1 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.069 ng/ul

RT: 26.609 min Scan# 5912

Delta R.T. 0.010 min

Lab File: BN027899.D

Acq: 27 Sep 2023 14:56

Instrument :

BNA_N

ClientSampleId :

EZY9

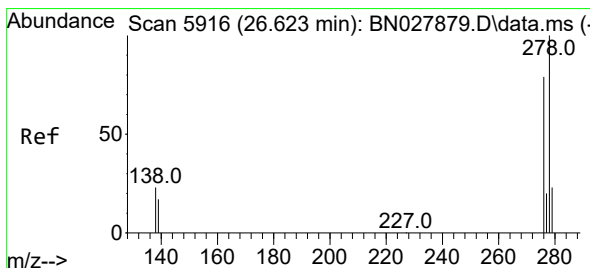
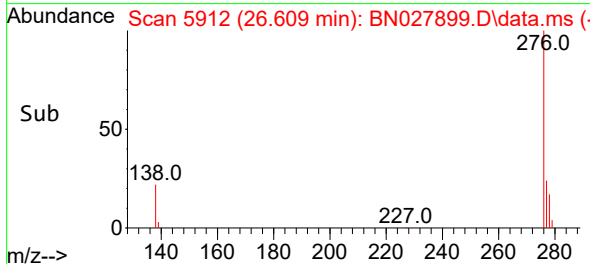
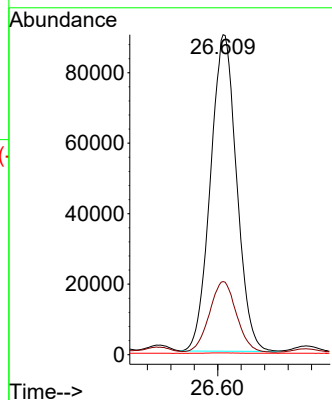
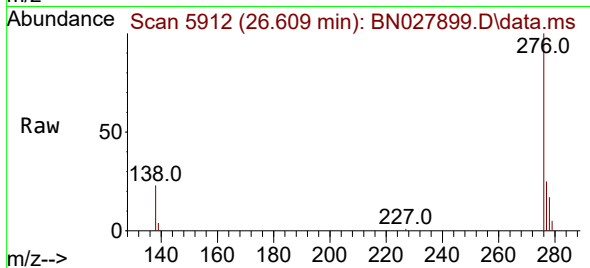
Tgt Ion:276 Resp: 278284

Ion Ratio Lower Upper

276 100

138 23.0 24.3 36.5#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.934 ng/ul

RT: 26.623 min Scan# 5916

Delta R.T. -0.000 min

Lab File: BN027899.D

Acq: 27 Sep 2023 14:56

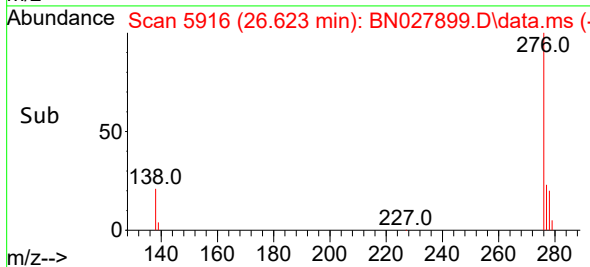
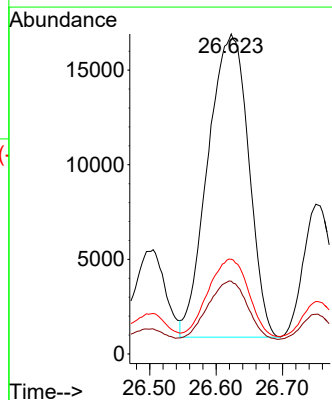
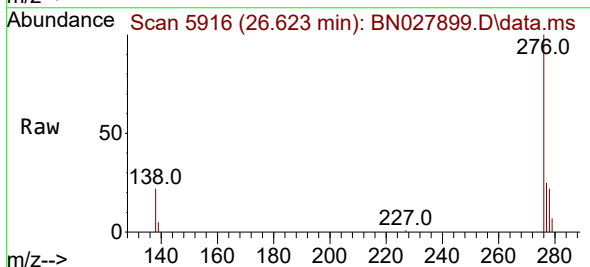
Tgt Ion:278 Resp: 68209

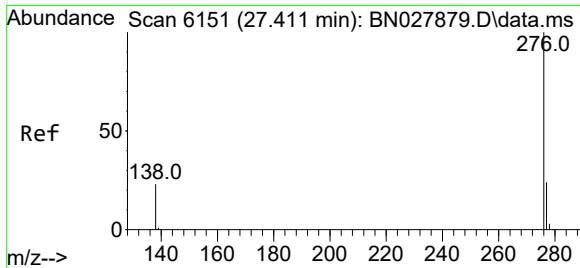
Ion Ratio Lower Upper

278 100

139 22.7 17.2 25.8

279 29.6 21.4 32.0





#29
 Benzo(g,h,i)perylene
 Concen: 3.357 ng/ul
 RT: 27.424 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: BN027899.D
 Acq: 27 Sep 2023 14:56

Instrument :
 BNA_N
 ClientSampleId :
 EZYE9

Tgt Ion:276 Resp: 258512
 Ion Ratio Lower Upper
 276 100
 138 24.1 21.7 32.5
 277 24.5 20.2 30.2

