

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027104.D
 Acq On : 24 Aug 2023 19:15
 Operator : MA/JU
 Sample : 03968-33
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1

Quant Time: Aug 25 03:51:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

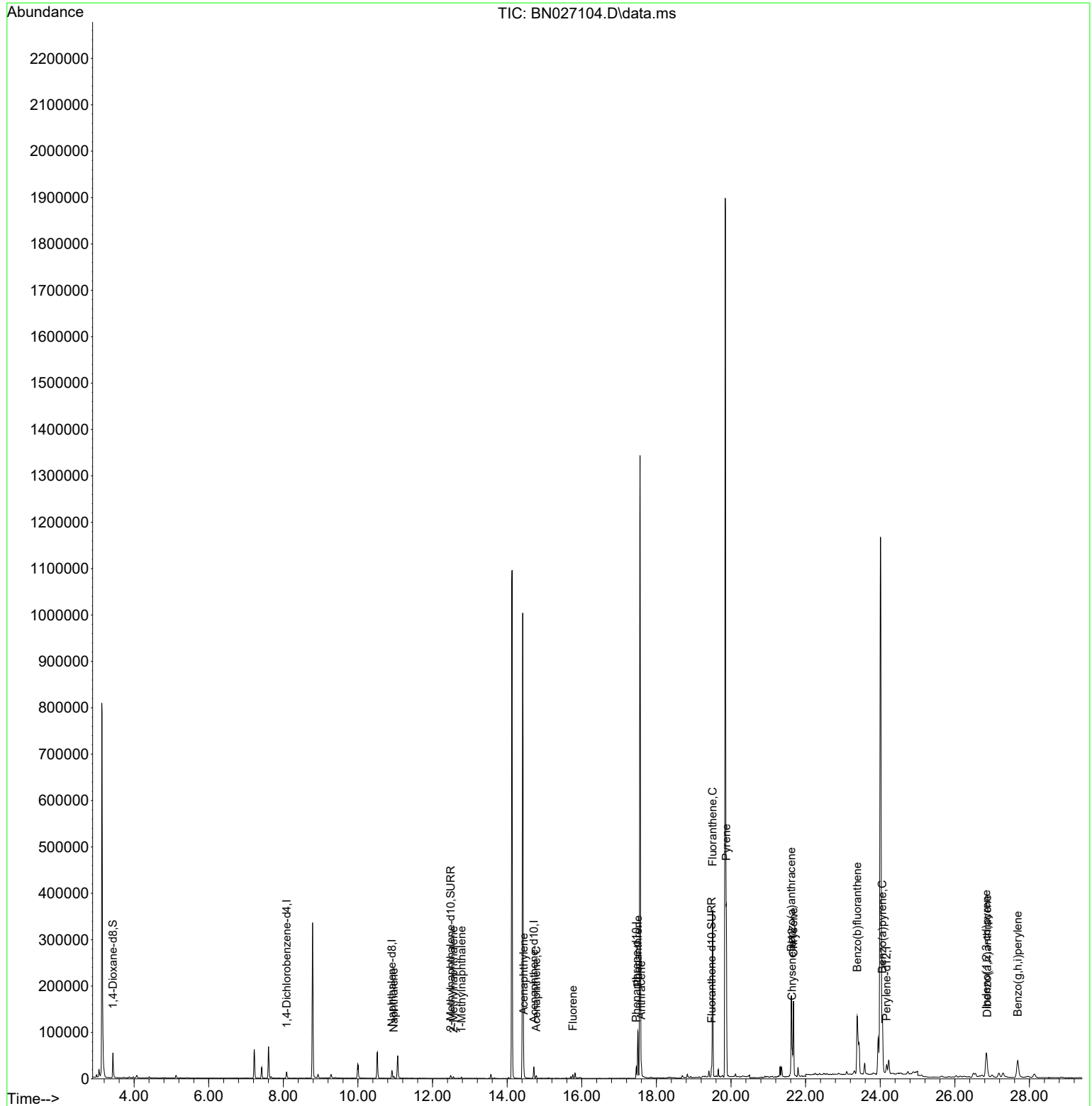
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	6669	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	22592	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	13607	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	30294	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	25800	0.400	ng/ul	# 0.00
23) Perylene-d12	24.170	264	27223	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	36511	4.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	8129	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	23004	0.282	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.960	128	5567	0.087	ng/ul#	95
7) 2-Methylnaphthalene	12.561	142	2459	0.064	ng/ul	99
8) 1-Methylnaphthalene	12.775	142	1832	0.045	ng/ul	100
10) Acenaphthylene	14.444	152	19401	0.254	ng/ul	99
11) Acenaphthene	14.777	153	3535	0.067	ng/ul	99
12) Fluorene	15.762	166	5140	0.086	ng/ul	98
15) Phenanthrene	17.502	178	107436	1.079	ng/ul	100
16) Anthracene	17.595	178	22019	0.245	ng/ul	98
19) Fluoranthene	19.510	202	316588	2.954	ng/ul	99
20) Pyrene	19.873	202	288867	2.526	ng/ul	100
21) Benzo(a)anthracene	21.618	228	165108	1.609	ng/ul	98
22) Chrysene	21.673	228	166678	1.646	ng/ul	98
24) Benzo(b)fluoranthene	23.383	252	328270	3.188	ng/ul	98
26) Benzo(a)pyrene	24.059	252	169696	1.826	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.844	276	101793	0.837	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.867	278	24182	0.250	ng/ul#	83
29) Benzo(g,h,i)perylene	27.686	276	93810	0.927	ng/ul	100

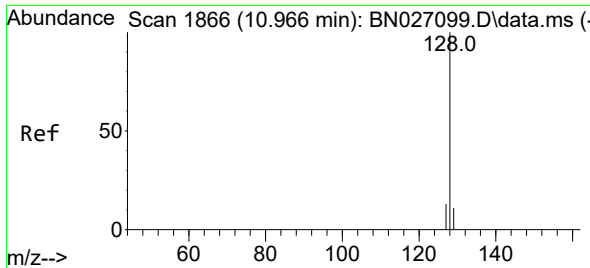
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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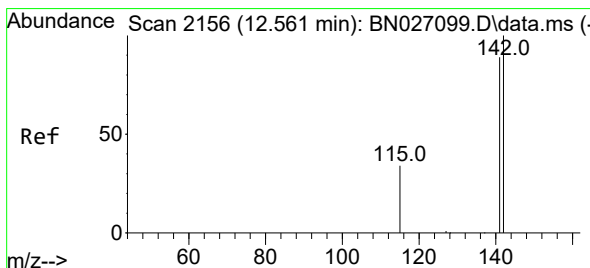
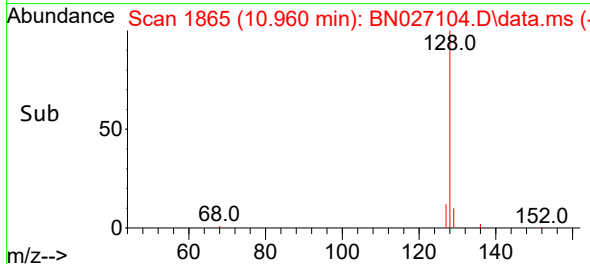
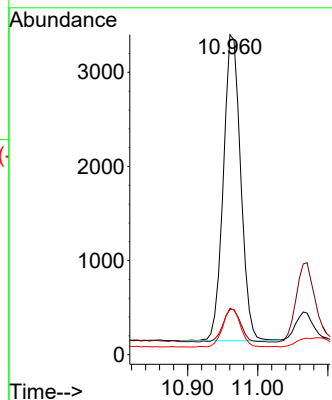
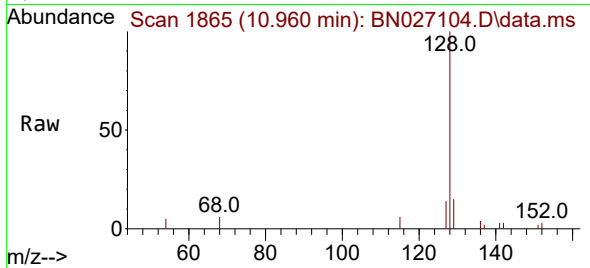




#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.960 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

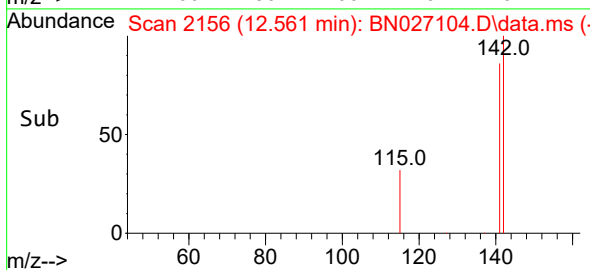
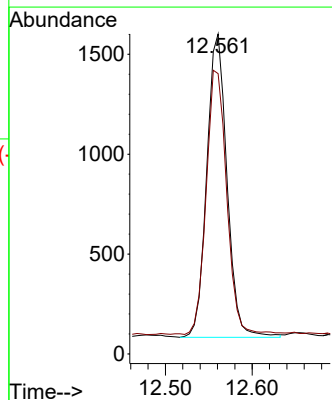
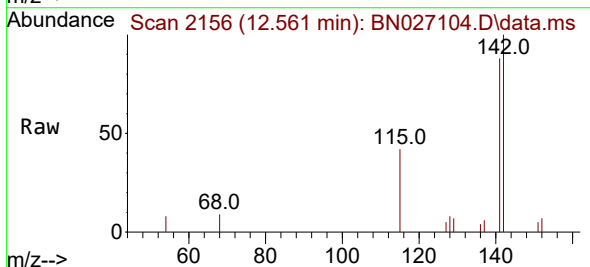
Instrument :
BNA_N
ClientSampleId :
A48Q1

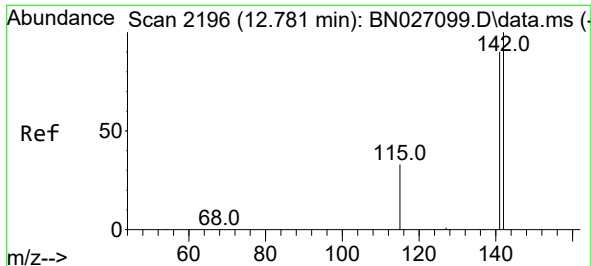
Tgt Ion:128 Resp: 5567
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8#
127 14.1 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Tgt Ion:142 Resp: 2459
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3

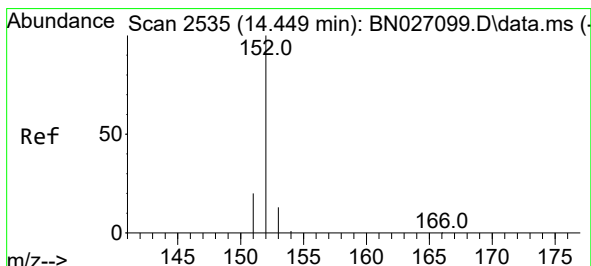
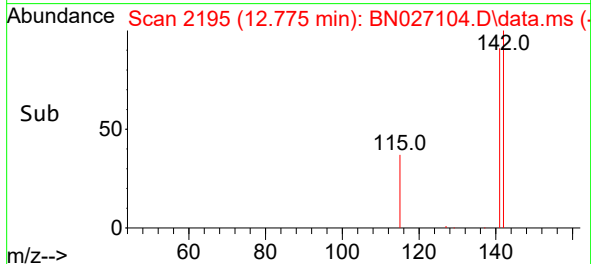
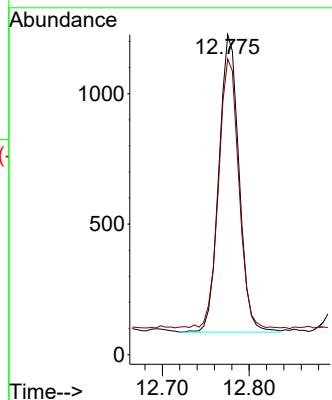
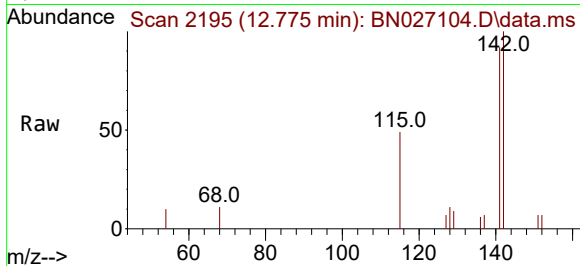




#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

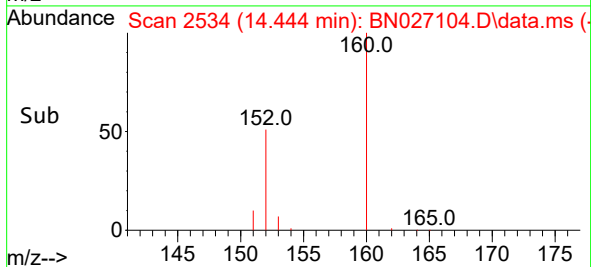
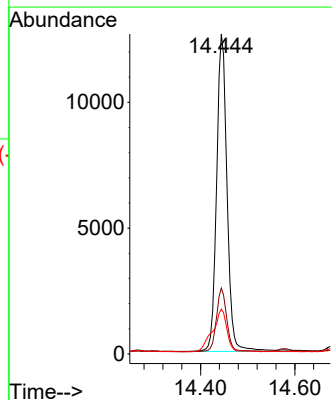
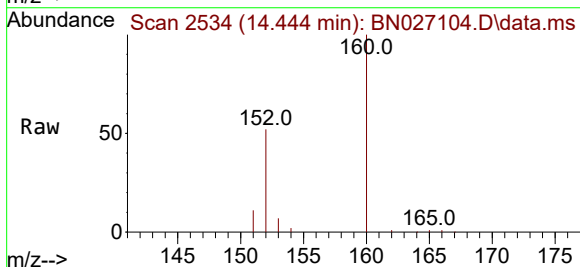
Instrument :
BNA_N
ClientSampleId :
A48Q1

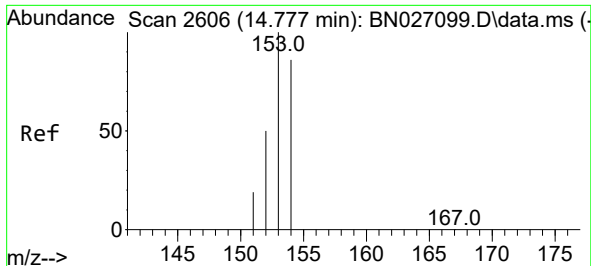
Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8



#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Tgt Ion:152 Resp: 19401
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.0 11.0 16.6

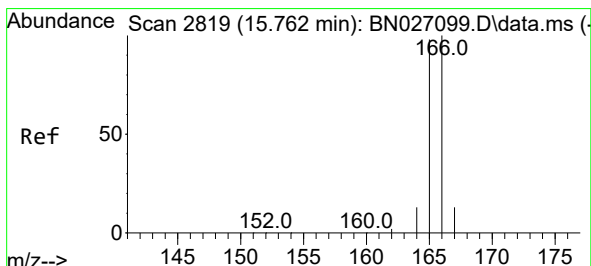
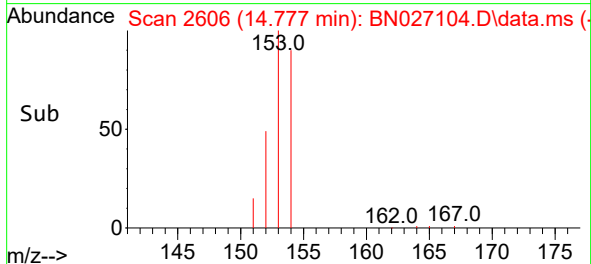
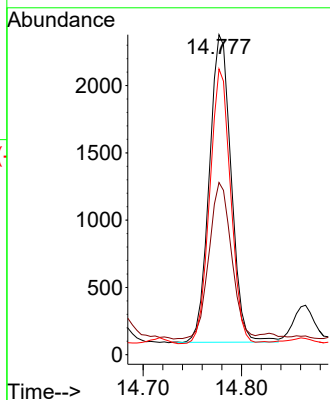
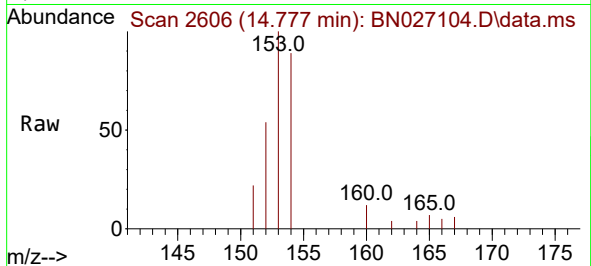




#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

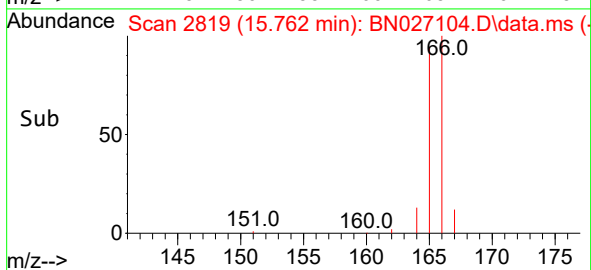
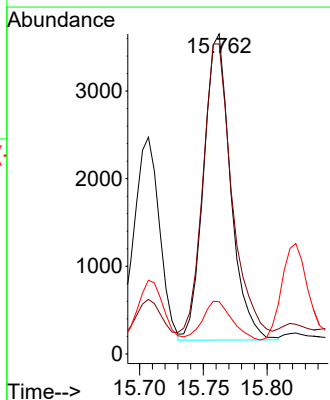
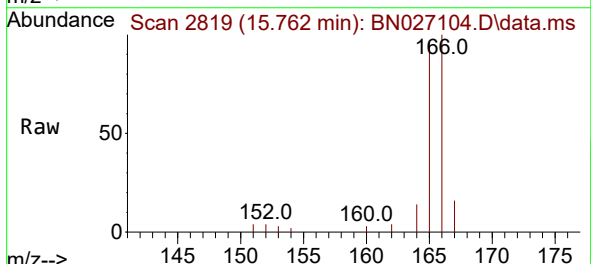
Instrument :
BNA_N
ClientSampleId :
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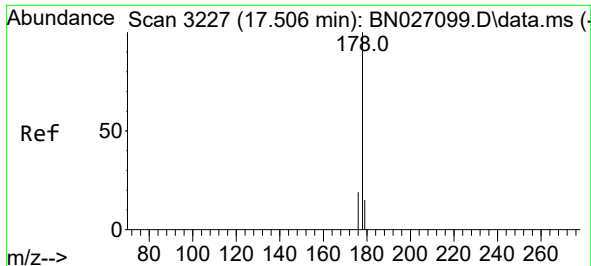
Tgt Ion:153 Resp: 3535
Ion Ratio Lower Upper
153 100
152 53.8 41.1 61.7
154 89.3 71.6 107.4



#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Tgt Ion:166 Resp: 5140
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 16.3 11.4 17.0

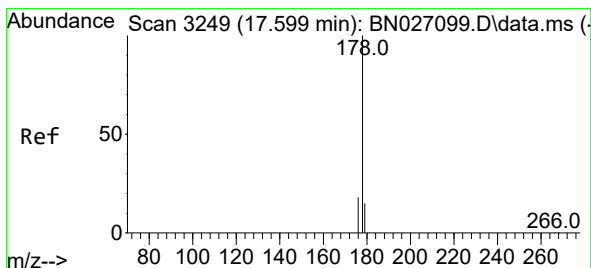
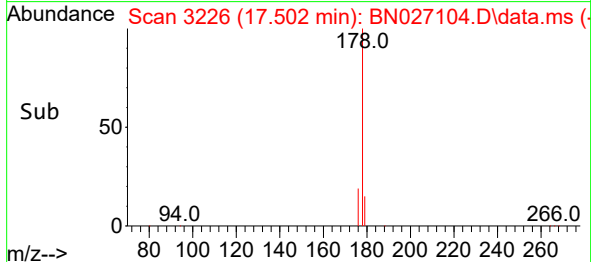
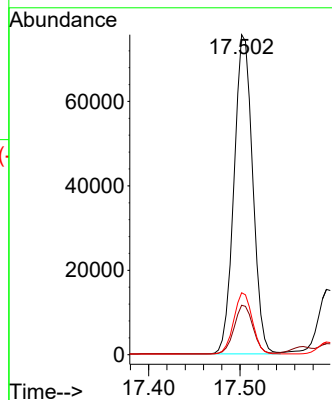
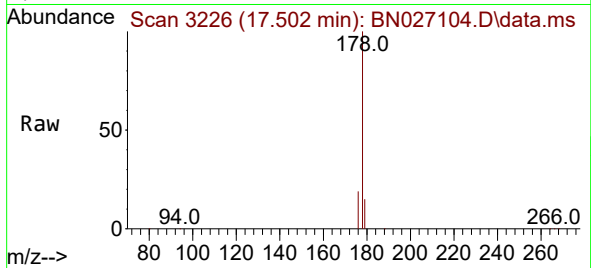




#15
Phenanthrene
Concen: 1.079 ng/ul
RT: 17.502 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

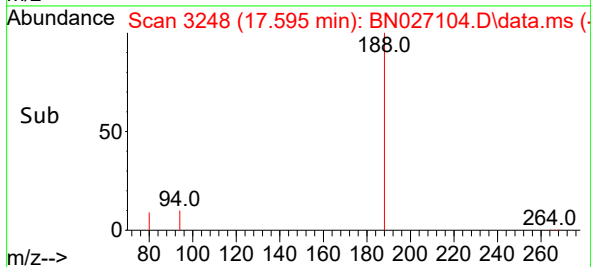
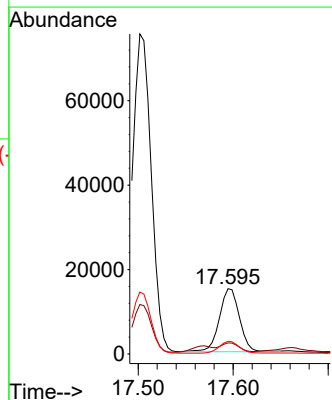
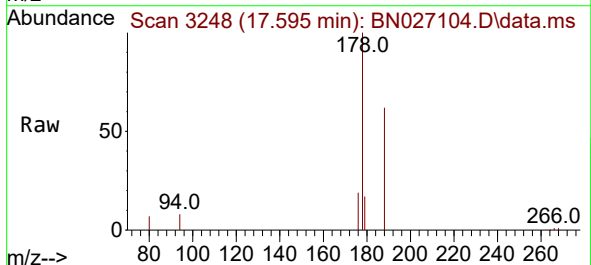
Instrument :
BNA_N
ClientSampleId :
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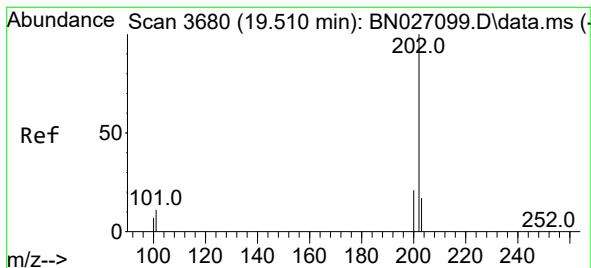
Tgt Ion:178 Resp: 107436
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.245 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Tgt Ion:178 Resp: 22019
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 19.4 15.0 22.6





#19

Fluoranthene

Concen: 2.954 ng/ul

RT: 19.510 min Scan# 3680

Delta R.T. -0.005 min

Lab File: BN027104.D

Acq: 24 Aug 2023 19:15

Instrument :

BNA_N

ClientSampleId :

A48Q1

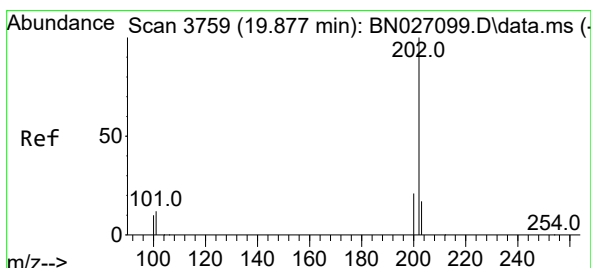
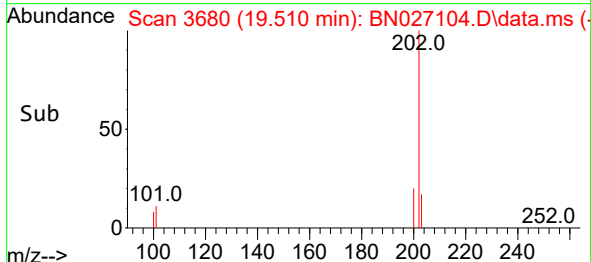
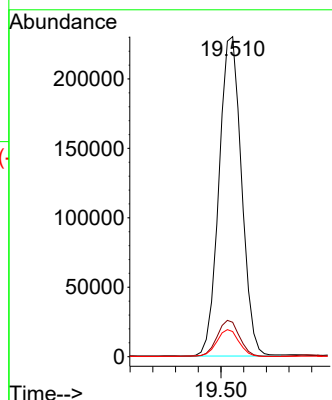
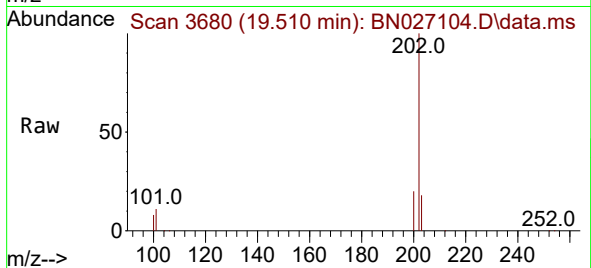
Tgt Ion:202 Resp: 316588

Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

100 7.8 6.2 9.2



#20

Pyrene

Concen: 2.526 ng/ul

RT: 19.873 min Scan# 3758

Delta R.T. -0.010 min

Lab File: BN027104.D

Acq: 24 Aug 2023 19:15

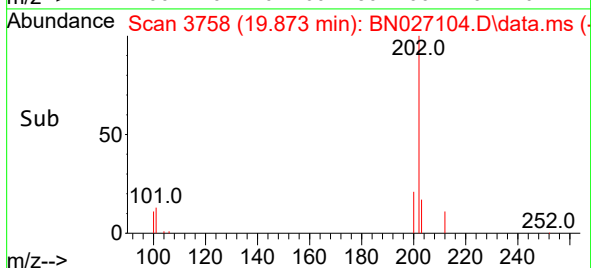
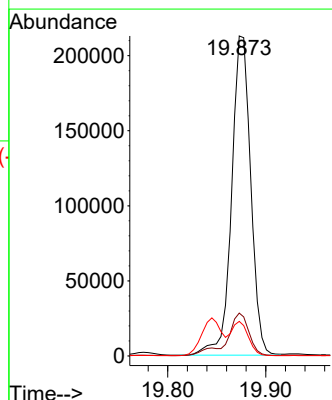
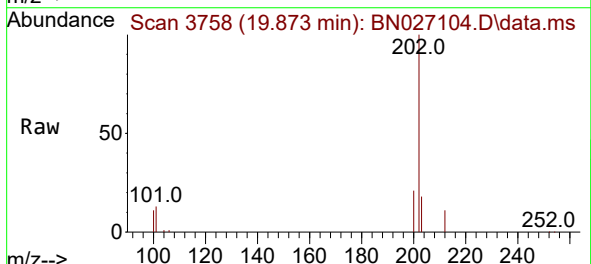
Tgt Ion:202 Resp: 288867

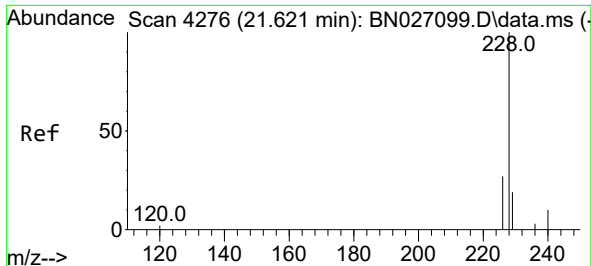
Ion Ratio Lower Upper

202 100

101 13.4 10.7 16.1

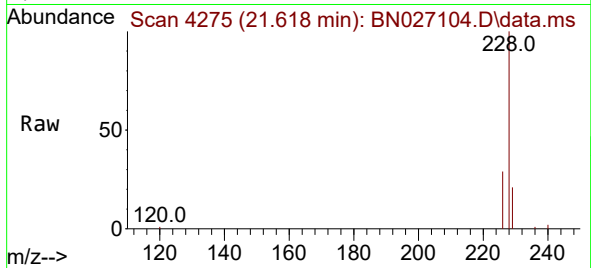
100 10.8 8.5 12.7



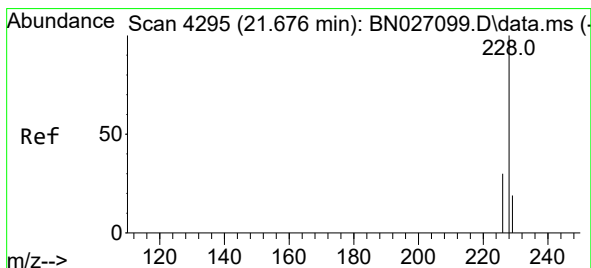
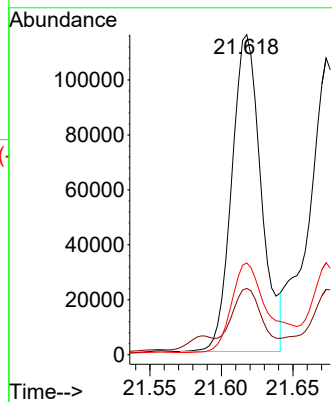
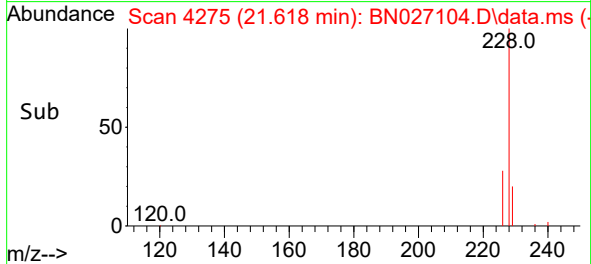


#21
Benzo(a)anthracene
Concen: 1.609 ng/ul
RT: 21.618 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Instrument :
BNA_N
ClientSampleId :
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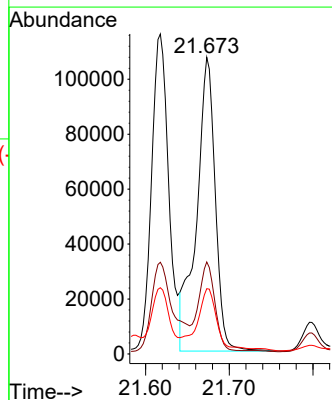
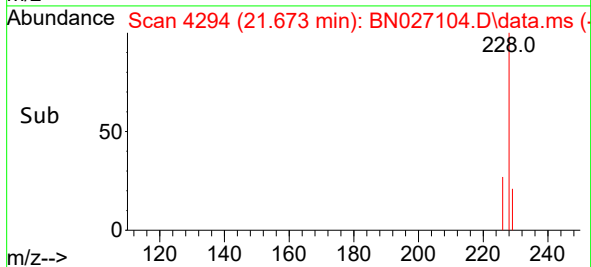
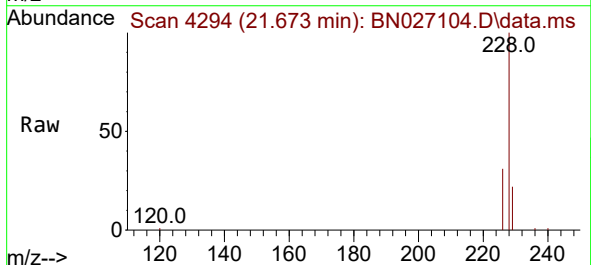


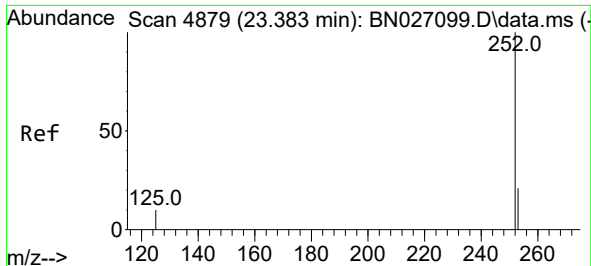
Tgt Ion:228 Resp: 165108
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.7 22.2 33.2



#22
Chrysene
Concen: 1.646 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

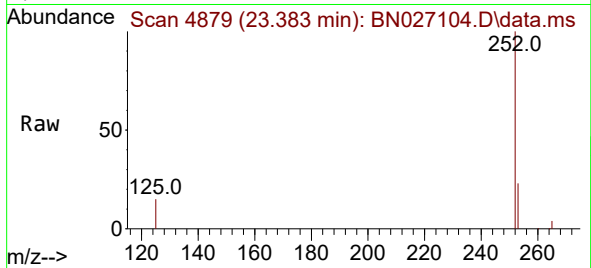
Tgt Ion:228 Resp: 166678
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 22.0 15.8 23.6



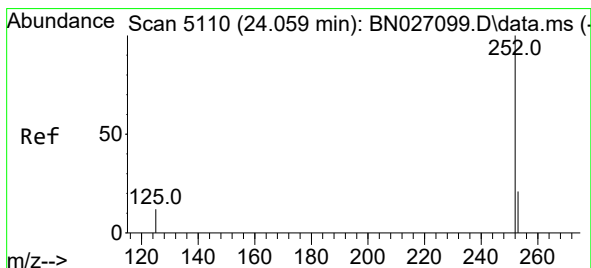
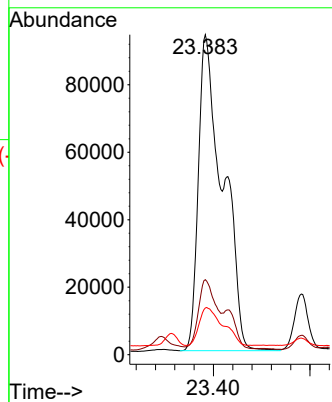
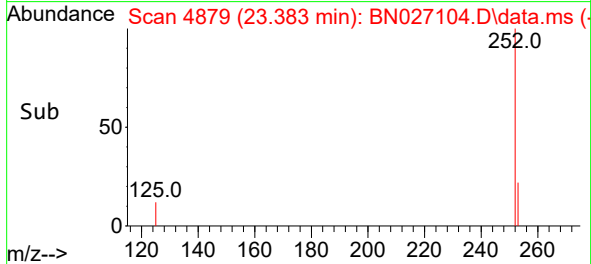


#24
Benzo(b)fluoranthene
Concen: 3.188 ng/ul
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Instrument :
BNA_N
ClientSampleId :
A48Q1

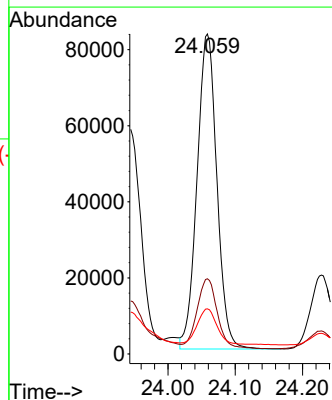
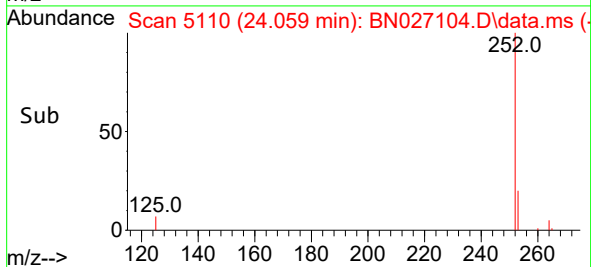
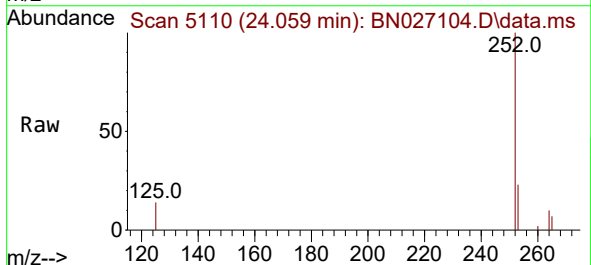


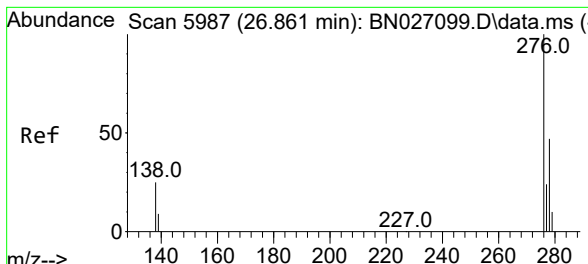
Tgt Ion:252 Resp: 328270
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.8
125 14.6 0.0 25.2



#26
Benzo(a)pyrene
Concen: 1.826 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027104.D
Acq: 24 Aug 2023 19:15

Tgt Ion:252 Resp: 169696
Ion Ratio Lower Upper
252 100
253 23.5 19.0 28.6
125 14.1 11.4 17.0

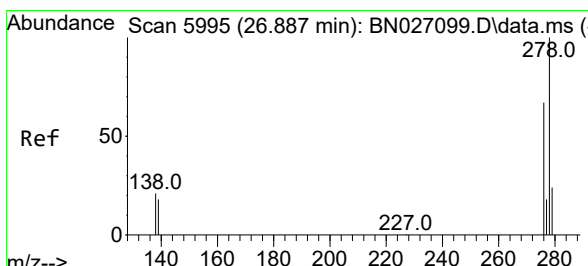
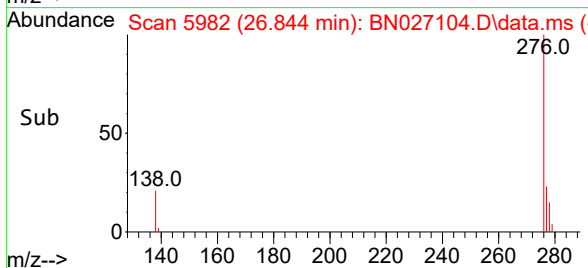
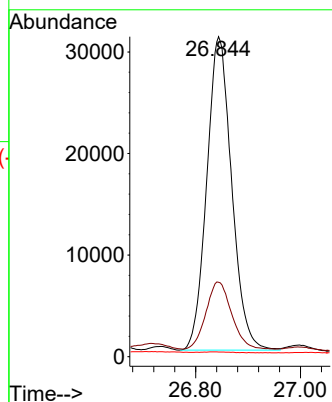
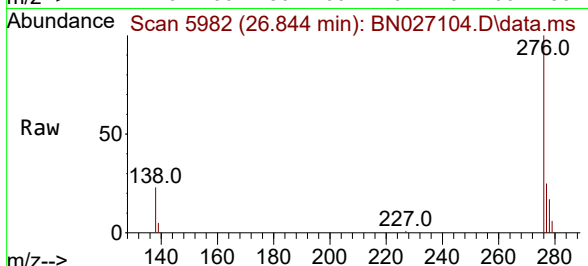




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.837 ng/ul
 RT: 26.844 min Scan# 5982
 Delta R.T. -0.010 min
 Lab File: BN027104.D
 Acq: 24 Aug 2023 19:15

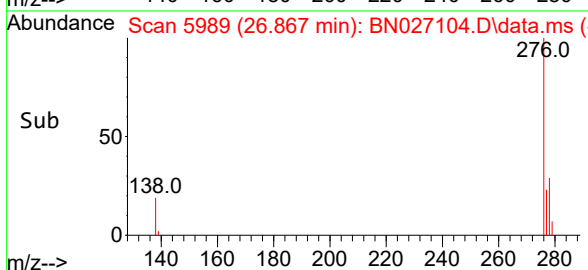
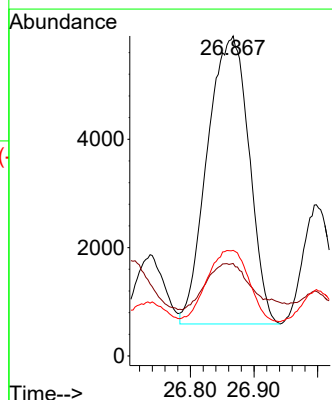
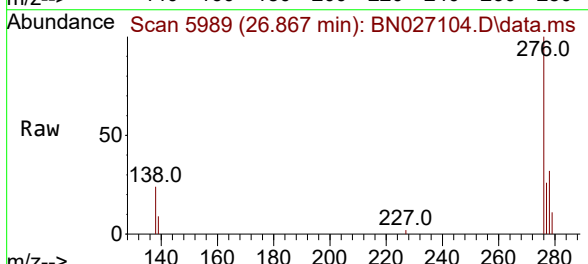
Instrument :
 BNA_N
 ClientSampleId :
 A48Q1

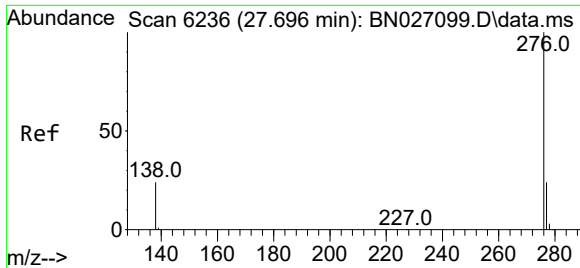
Tgt Ion:276 Resp: 101793
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.6 32.4
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.250 ng/ul
 RT: 26.867 min Scan# 5989
 Delta R.T. -0.017 min
 Lab File: BN027104.D
 Acq: 24 Aug 2023 19:15

Tgt Ion:278 Resp: 24182
 Ion Ratio Lower Upper
 278 100
 139 28.9 15.7 23.5#
 279 33.0 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.927 ng/ul
 RT: 27.686 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: BN027104.D
 Acq: 24 Aug 2023 19:15

Instrument :
 BNA_N
 ClientSampleId :
 A48Q1

Tgt Ion:	276	Resp:	93810
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.3	28.9
277	24.9	19.8	29.8

