

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027102.D
 Acq On : 24 Aug 2023 18:01
 Operator : MA/JU
 Sample : 03968-35
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q3

Quant Time: Aug 25 03:51:12 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)

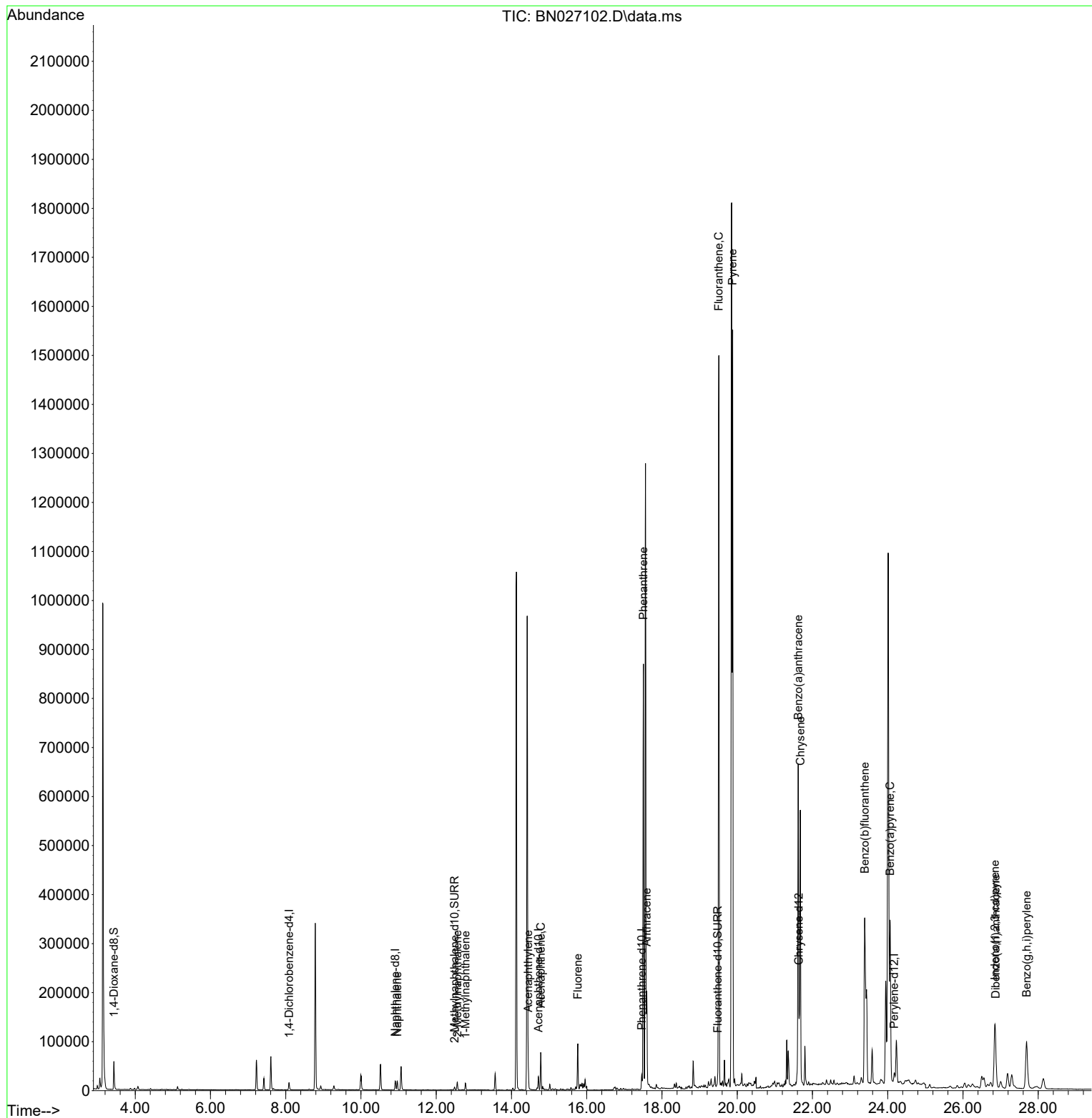
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	7522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	25247	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	15353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	34385	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.638	240	28390	0.400	ng/ul	# 0.00
23) Perylene-d12	24.173	264	27497	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	39078	4.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	7869	0.212	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	20014	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	25421	0.356	ng/ul	100
7) 2-Methylnaphthalene	12.561	142	11640	0.269	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	9709	0.215	ng/ul	99
10) Acenaphthylene	14.444	152	46087	0.536	ng/ul	100
11) Acenaphthene	14.777	153	42874	0.720	ng/ul	98
12) Fluorene	15.762	166	58241	0.865	ng/ul	98
15) Phenanthrene	17.506	178	915639	8.106	ng/ul	100
16) Anthracene	17.595	178	208793	2.045	ng/ul	100
19) Fluoranthene	19.511	202	1249611	10.597	ng/ul	99
20) Pyrene	19.878	202	1251710	9.948	ng/ul	98
21) Benzo(a)anthracene	21.621	228	608649	5.390	ng/ul	99
22) Chrysene	21.676	228	571981	5.132	ng/ul	97
24) Benzo(b)fluoranthene	23.389	252	904367	8.695	ng/ul	99
26) Benzo(a)pyrene	24.062	252	511495	5.450	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.851	276	252496	2.057	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	63184	0.646	ng/ul#	91
29) Benzo(g,h,i)perylene	27.692	276	226896	2.220	ng/ul	99

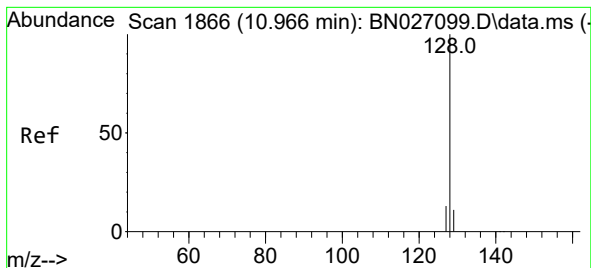
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.356 ng/ul

RT: 10.966 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BN027102.D

Acq: 24 Aug 2023 18:01

Instrument :

BNA_N

ClientSampleId :

A48Q3

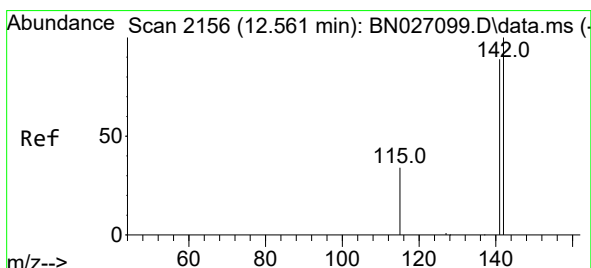
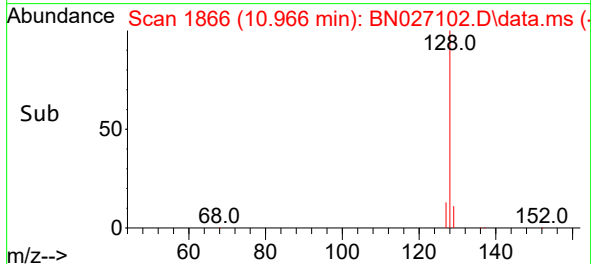
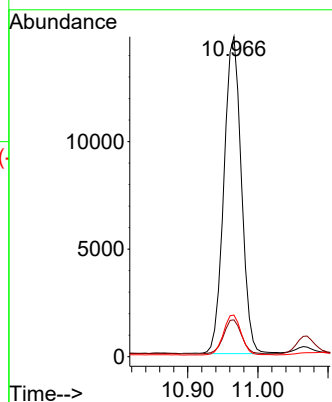
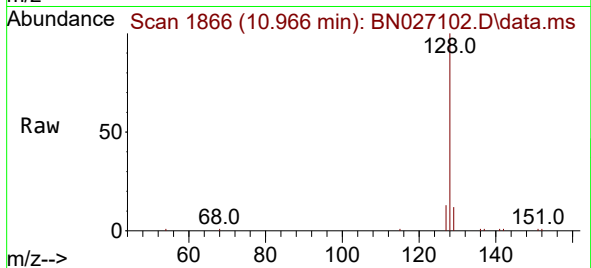
Tgt Ion:128 Resp: 25421

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.0 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.269 ng/ul

RT: 12.561 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BN027102.D

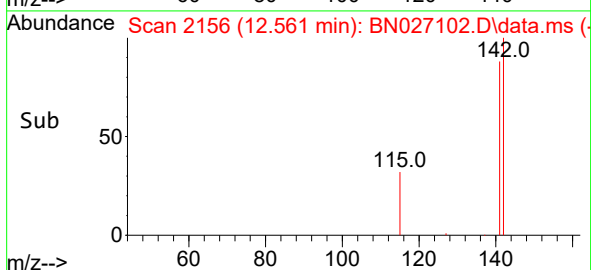
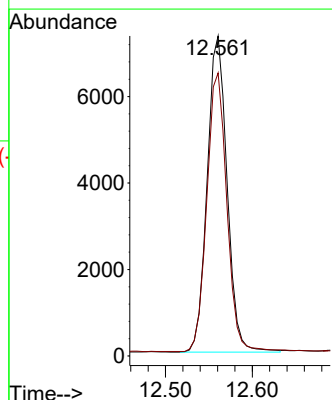
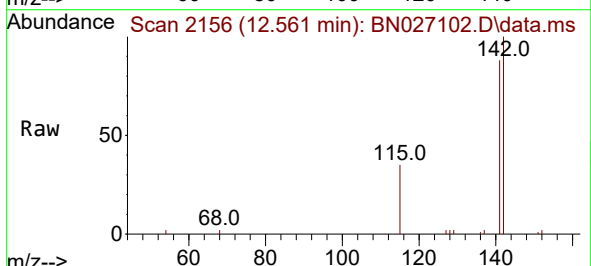
Acq: 24 Aug 2023 18:01

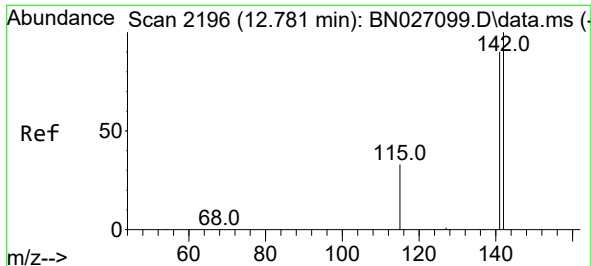
Tgt Ion:142 Resp: 11640

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

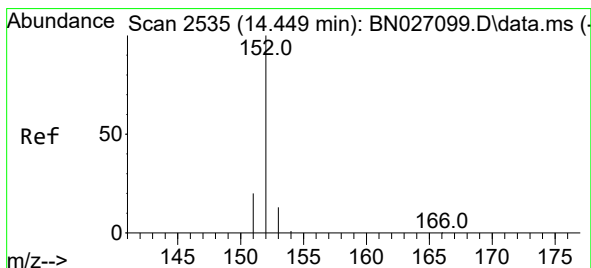
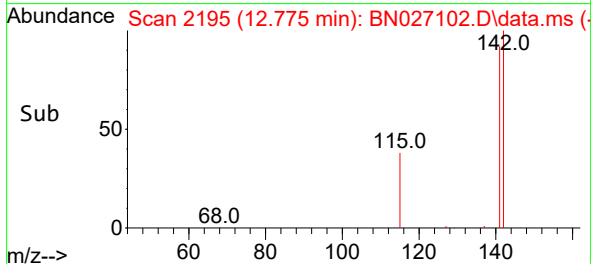
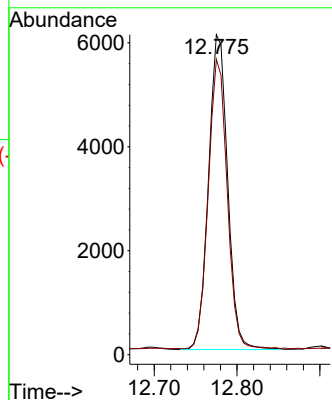
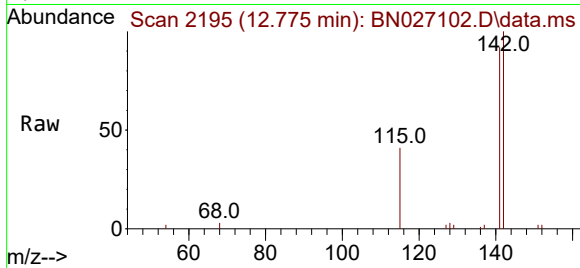




#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.775 min Scan# 2196
Delta R.T. -0.011 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

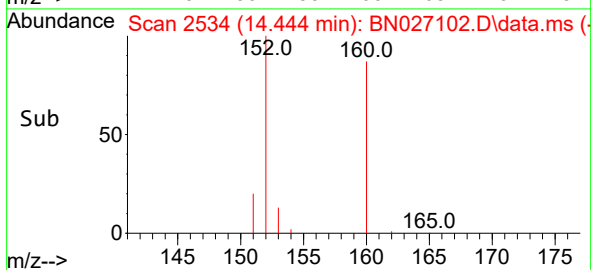
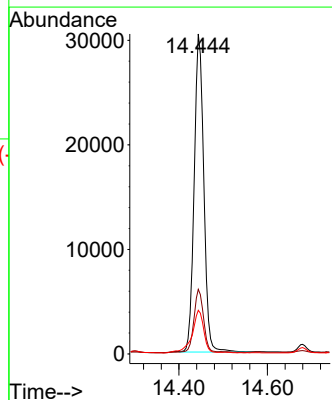
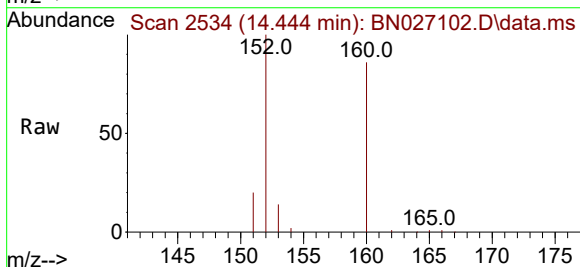
Instrument :
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A48Q3

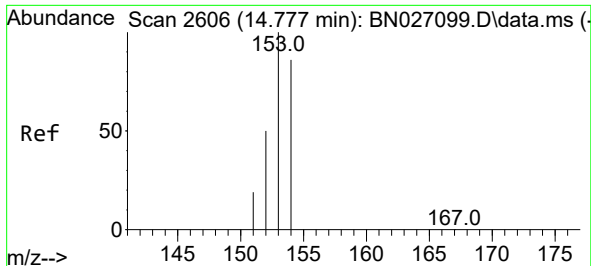
Tgt Ion:142 Resp: 9709
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8



#10
Acenaphthylene
Concen: 0.536 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Tgt Ion:152 Resp: 46087
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.7 11.0 16.6

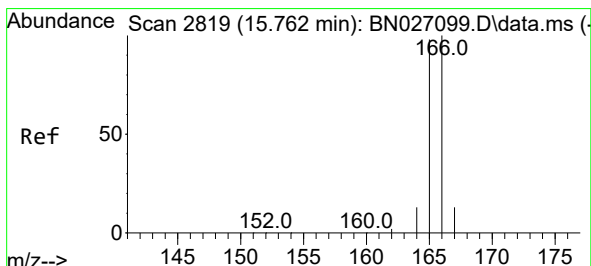
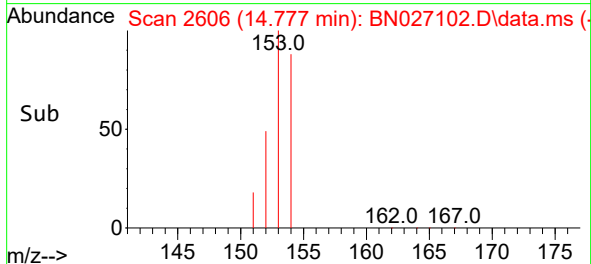
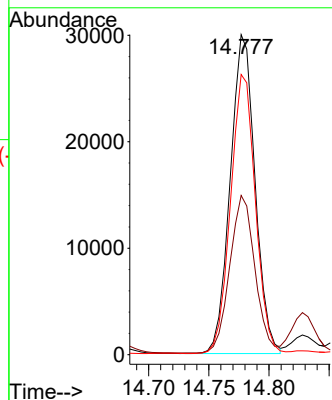
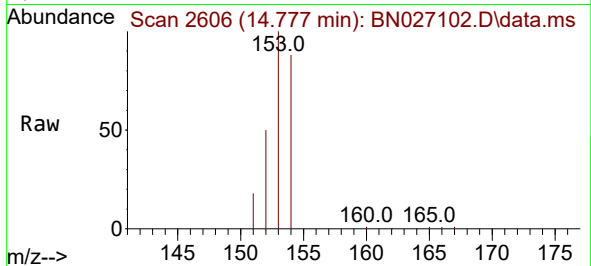




#11
Acenaphthene
Concen: 0.720 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

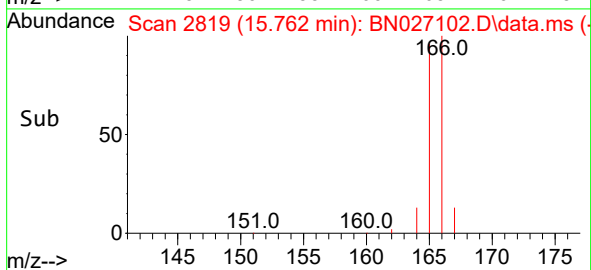
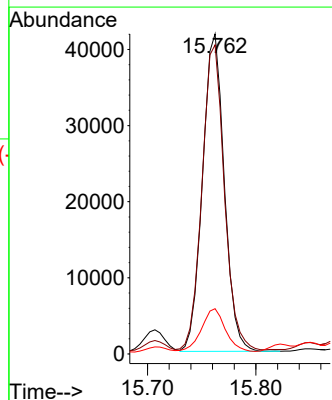
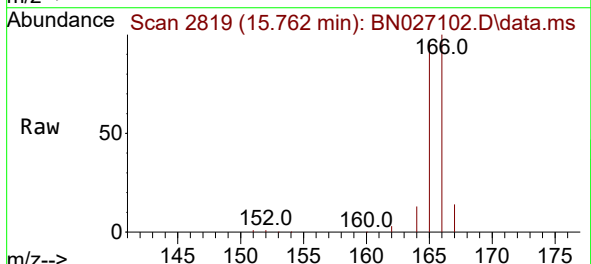
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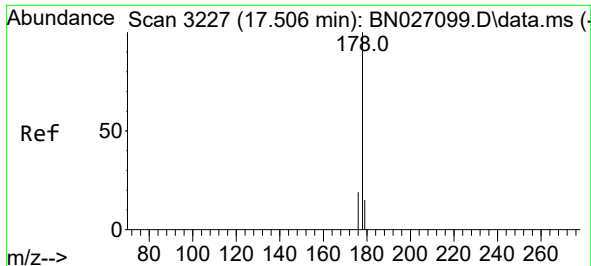
Tgt Ion:153 Resp: 42874
Ion Ratio Lower Upper
153 100
152 49.7 41.1 61.7
154 87.6 71.6 107.4



#12
Fluorene
Concen: 0.865 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Tgt Ion:166 Resp: 58241
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 14.2 11.4 17.0

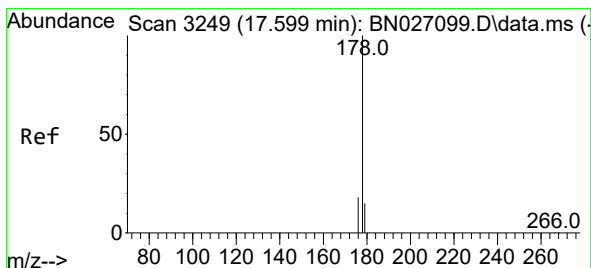
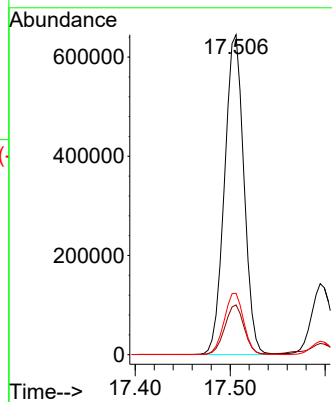
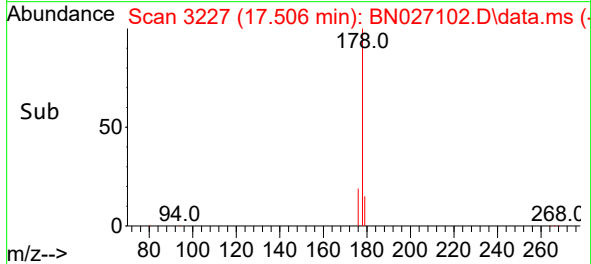
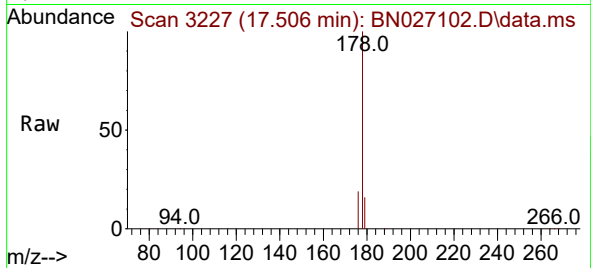




#15
Phenanthrene
Concen: 8.106 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

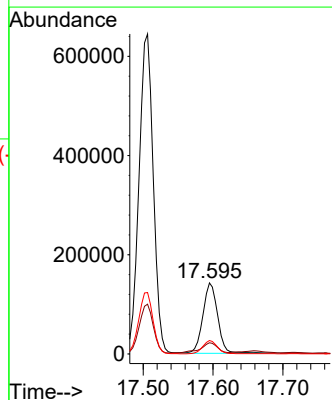
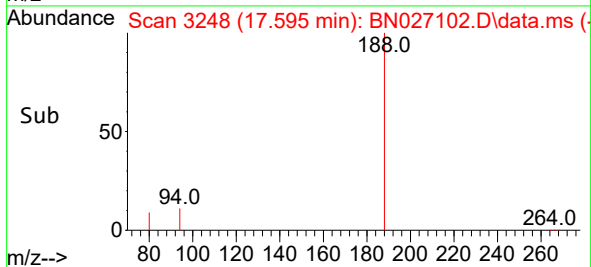
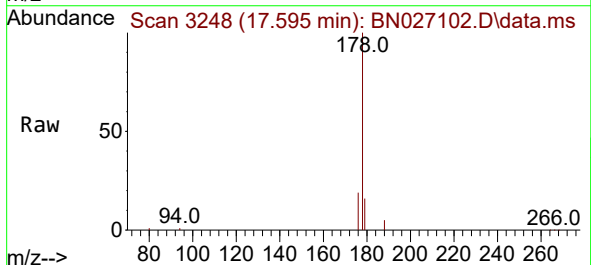
Instrument :
BNA_N
ClientSampleId :
A48Q3

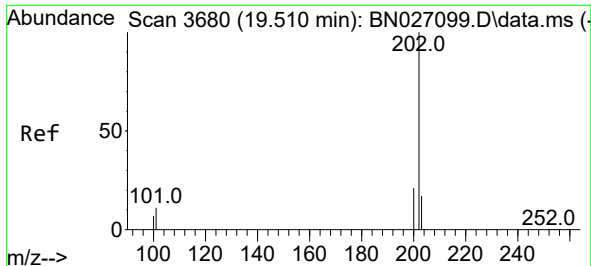
Tgt Ion:178 Resp: 915639
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 2.045 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Tgt Ion:178 Resp: 208793
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.8 15.0 22.6

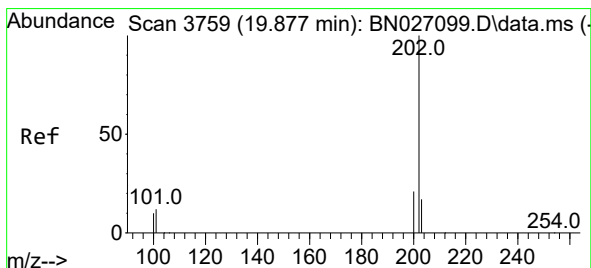
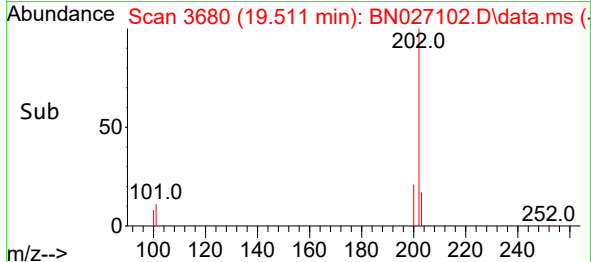
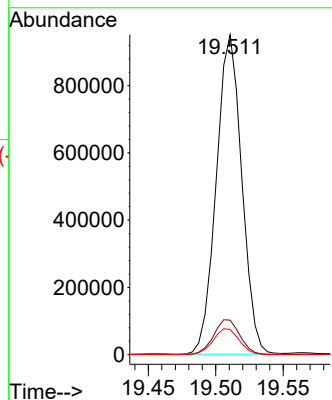
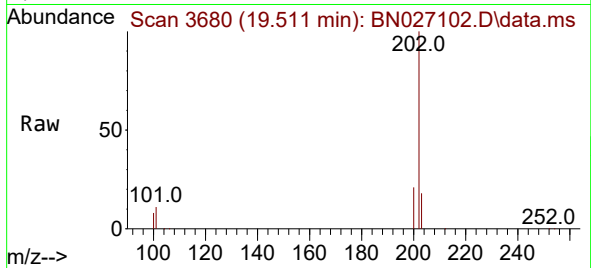




#19
Fluoranthene
Concen: 10.597 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

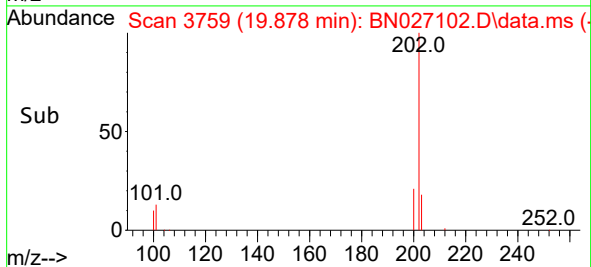
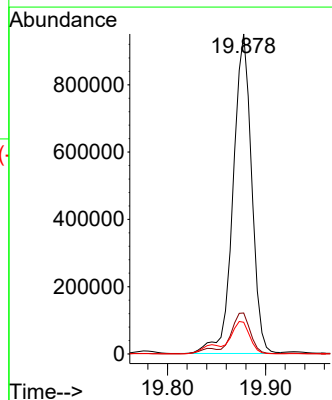
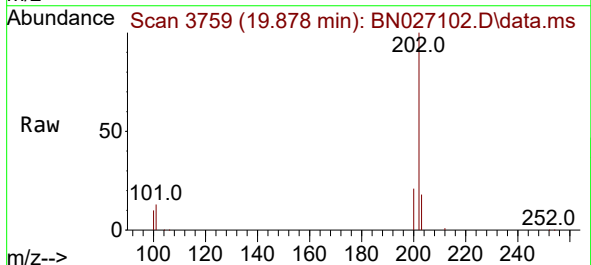
Instrument :
BNA_N
ClientSampleId :
A48Q3

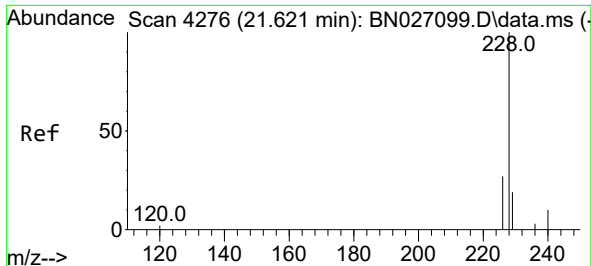
Tgt Ion:202 Resp: 1249611
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 9.948 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

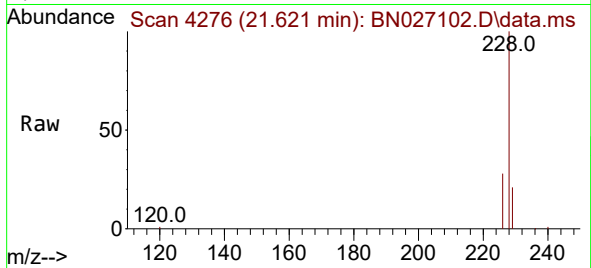
Tgt Ion:202 Resp: 1251710
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.9 8.5 12.7



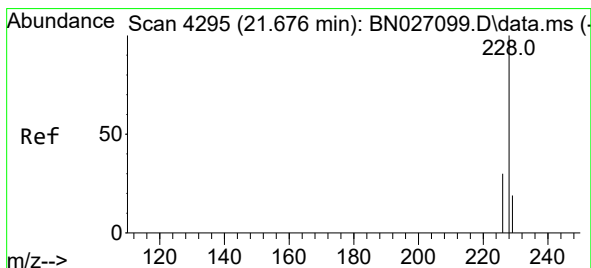
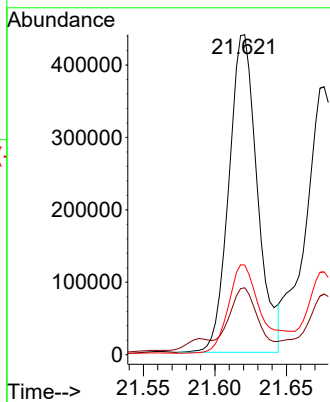
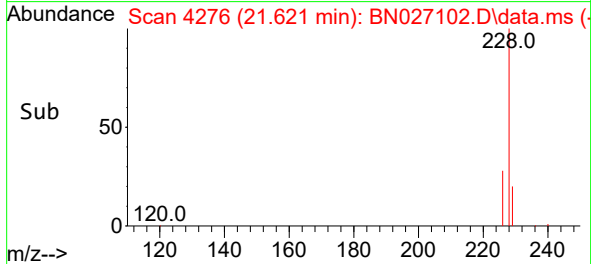


#21
Benzo(a)anthracene
Concen: 5.390 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

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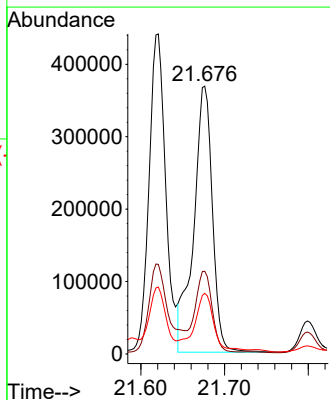
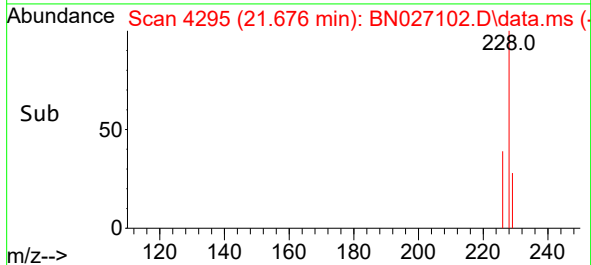
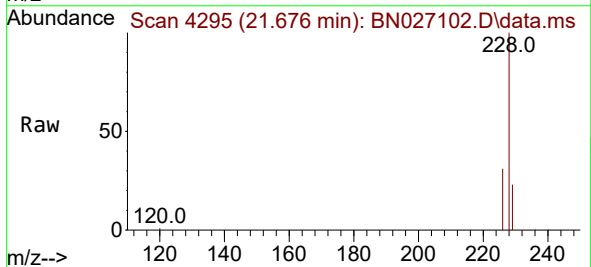


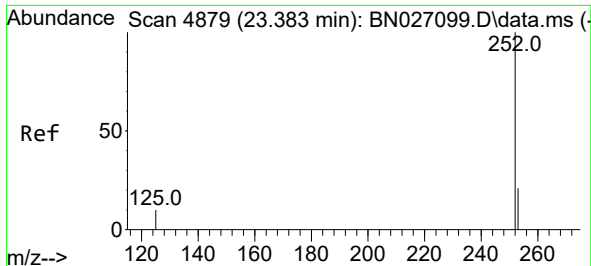
Tgt Ion:228 Resp: 608649
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.0 22.2 33.2



#22
Chrysene
Concen: 5.132 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Tgt Ion:228 Resp: 571981
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 22.6 15.8 23.6

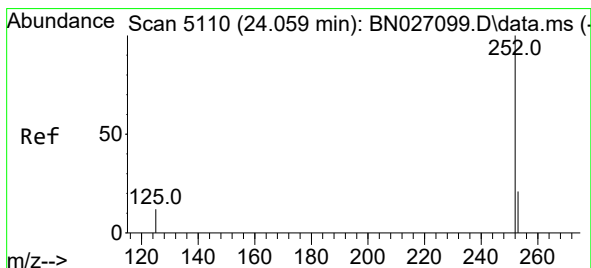
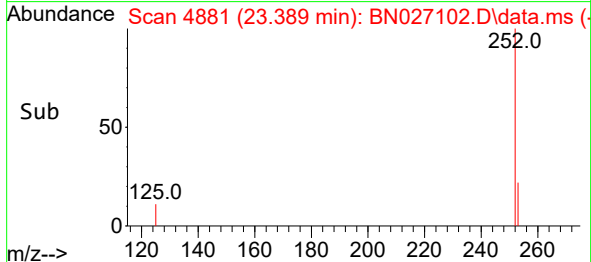
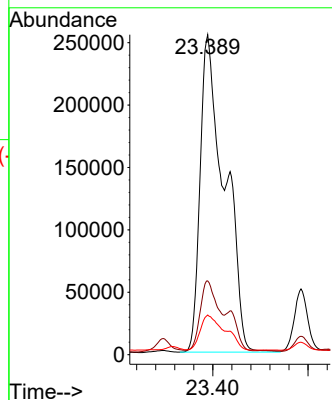
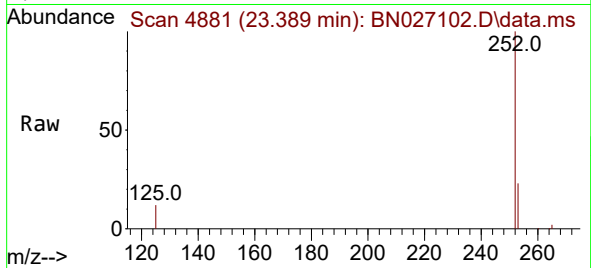




#24
Benzo(b)fluoranthene
Concen: 8.695 ng/ul
RT: 23.389 min Scan# 4879
Delta R.T. 0.003 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

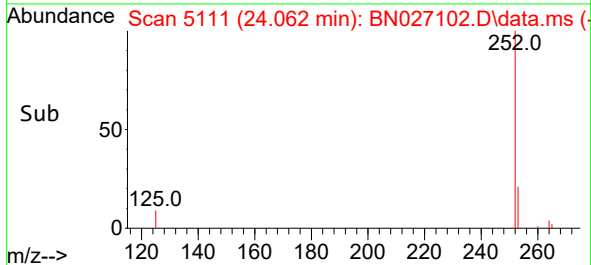
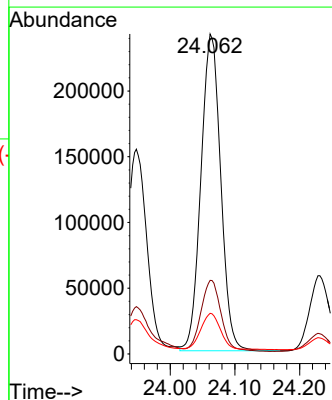
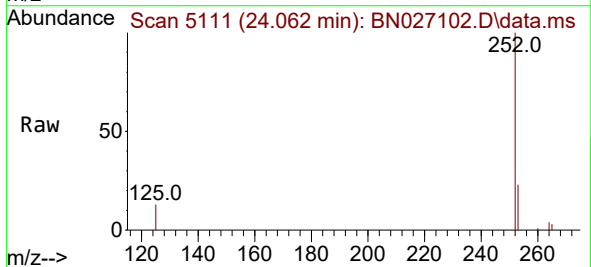
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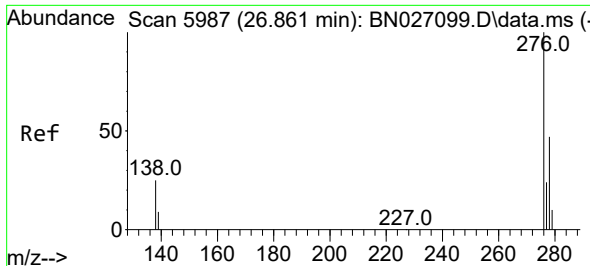
Tgt Ion:252 Resp: 904367
Ion Ratio Lower Upper
252 100
253 23.1 0.0 46.8
125 12.4 0.0 25.2



#26
Benzo(a)pyrene
Concen: 5.450 ng/ul
RT: 24.062 min Scan# 5111
Delta R.T. -0.000 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Tgt Ion:252 Resp: 511495
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 12.7 11.4 17.0

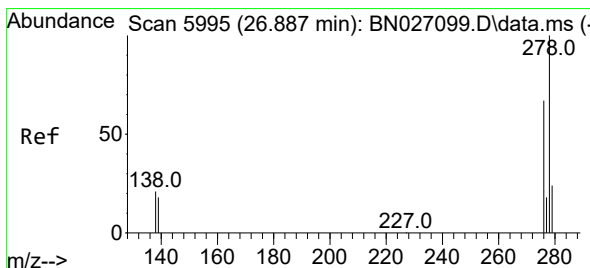
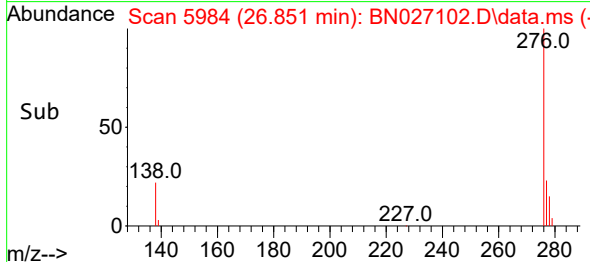
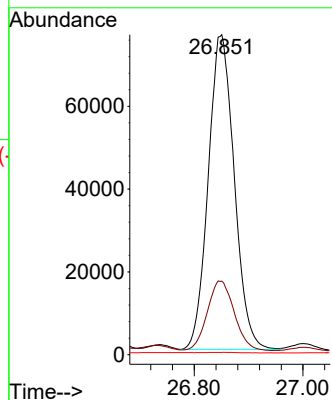
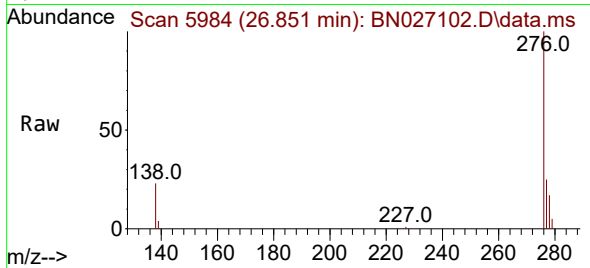




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.057 ng/ul
 RT: 26.851 min Scan# 5987
 Delta R.T. -0.003 min
 Lab File: BN027102.D
 Acq: 24 Aug 2023 18:01

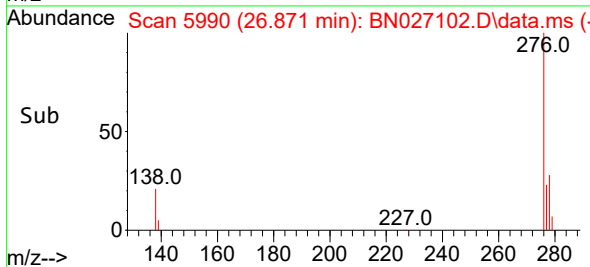
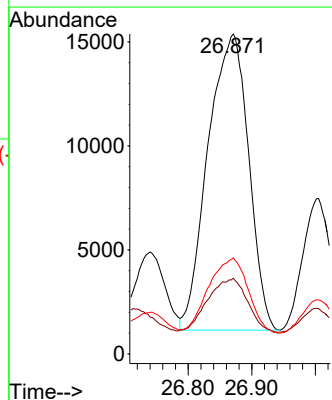
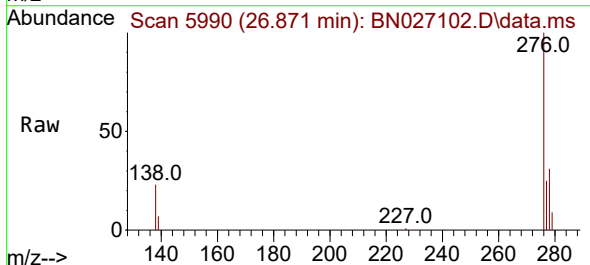
Instrument :
 BNA_N
 ClientSampleId :
 A48Q3

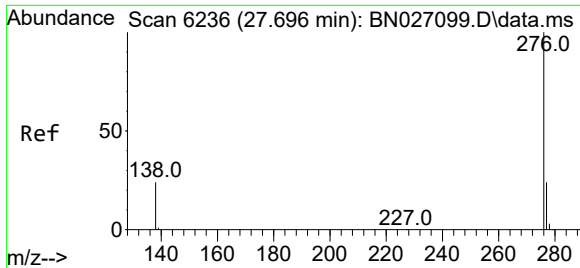
Tgt Ion:276 Resp: 252496
 Ion Ratio Lower Upper
 276 100
 138 22.9 21.6 32.4
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.646 ng/ul
 RT: 26.871 min Scan# 5990
 Delta R.T. -0.013 min
 Lab File: BN027102.D
 Acq: 24 Aug 2023 18:01

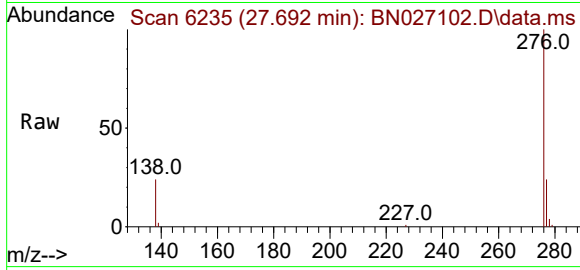
Tgt Ion:278 Resp: 63184
 Ion Ratio Lower Upper
 278 100
 139 23.6 15.7 23.5#
 279 30.0 20.2 30.4





#29
Benzo(g,h,i)perylene
Concen: 2.220 ng/ul
RT: 27.692 min Scan# 61
Delta R.T. -0.003 min
Lab File: BN027102.D
Acq: 24 Aug 2023 18:01

Instrument :
BNA_N
ClientSampleId :
A48Q3



Tgt Ion:276 Resp: 226896
Ion Ratio Lower Upper
276 100
138 23.6 19.3 28.9
277 24.2 19.8 29.8

