

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028863.D
 Acq On : 24 Nov 2023 18:10
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4331

Quant Time: Nov 25 01:03:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

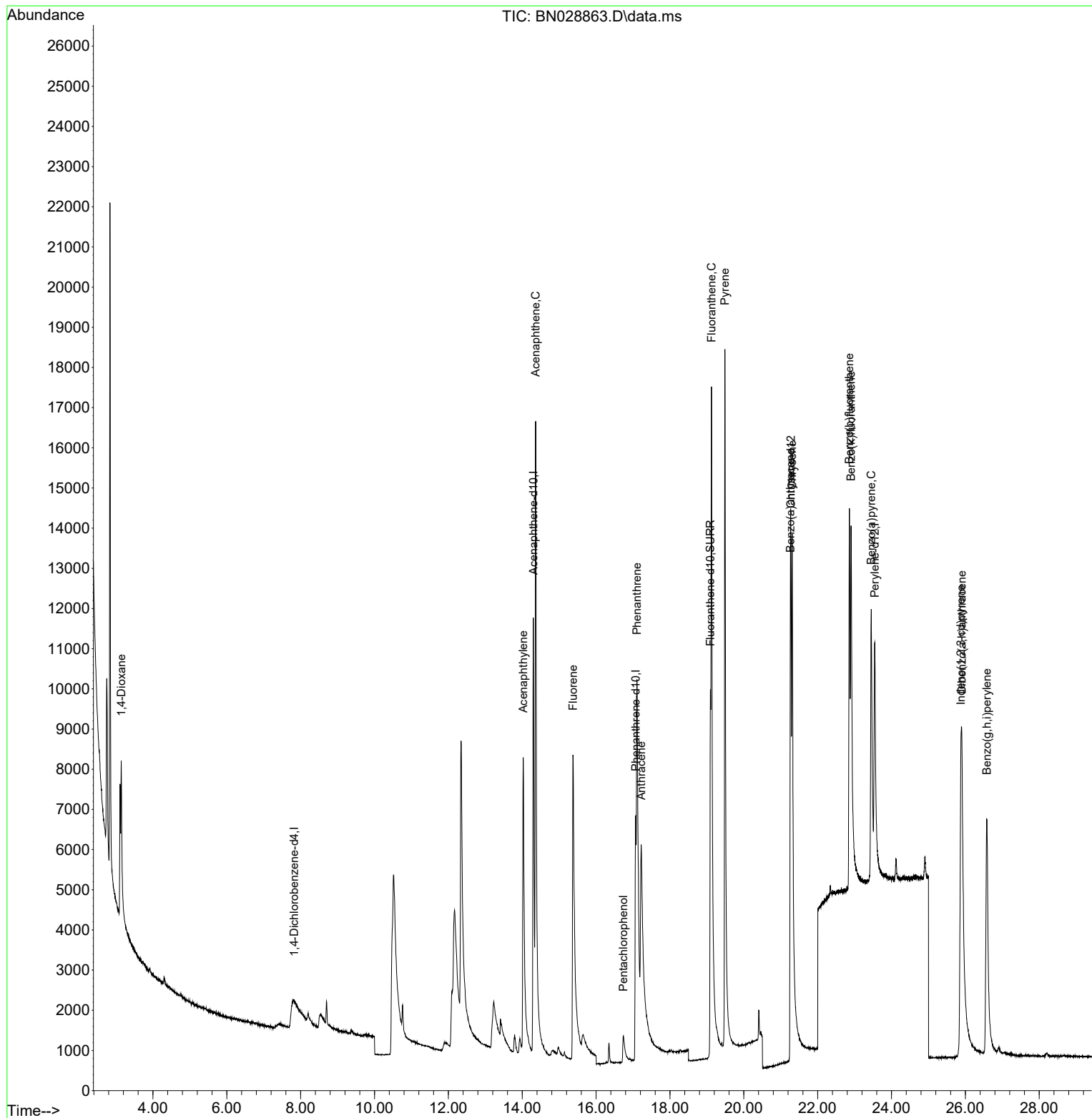
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	2275	0.400	ng/ul	# 0.08
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.46
9) Acenaphthene-d10	14.302	164	9320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.073	188	12609	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.275	240	10576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	10385	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.101	152	4651	0.000	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	15987	0.470	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.141	88	3241	1.166	ng/ul#	71
10) Acenaphthylene	14.024	152	17963	0.386	ng/ul	98
11) Acenaphthene	14.362	153	14517	0.424	ng/ul	99
12) Fluorene	15.375	166	12576	0.316	ng/ul	100
14) Pentachlorophenol	16.739	266	1129	0.373	ng/ul	99
15) Phenanthrene	17.106	178	18209	0.470	ng/ul	97
16) Anthracene	17.220	178	11438	0.322	ng/ul	95
19) Fluoranthene	19.126	202	21120	0.470	ng/ul	98
20) Pyrene	19.489	202	23770	0.510	ng/ul	96
21) Benzo(a)anthracene	21.260	228	12297	0.294	ng/ul	97
22) Chrysene	21.310	228	16056	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.859	252	14366	0.369	ng/ul	81
25) Benzo(k)fluoranthene	22.906	252	17058	0.418	ng/ul#	87
26) Benzo(a)pyrene	23.449	252	15403	0.419	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.877	276	19188	0.470	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.904	278	14766	0.452	ng/ul#	92
29) Benzo(g,h,i)perylene	26.581	276	16900	0.505	ng/ul	96

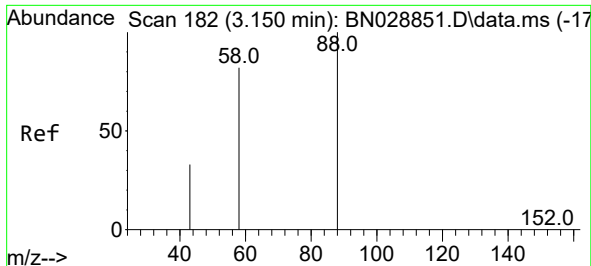
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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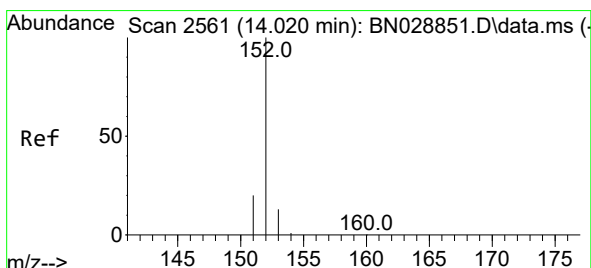
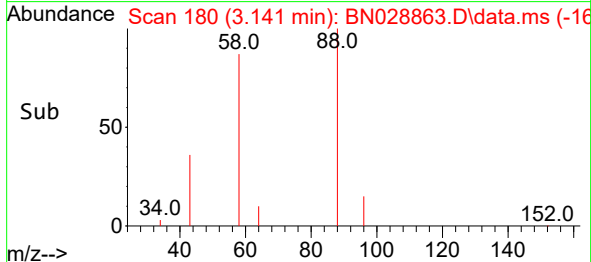
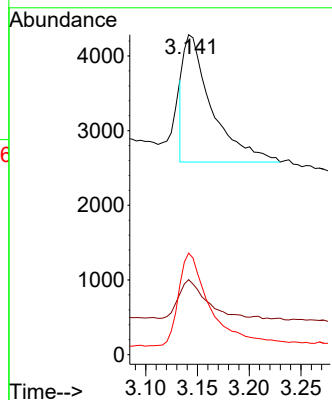
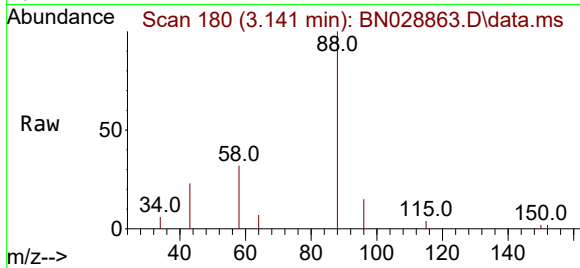




#2
1,4-Dioxane
Concen: 1.166 ng/ul
RT: 3.141 min Scan# 182
Delta R.T. 0.000 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

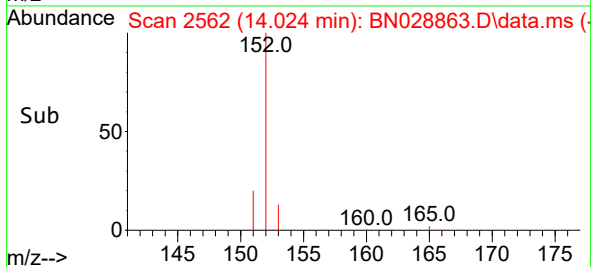
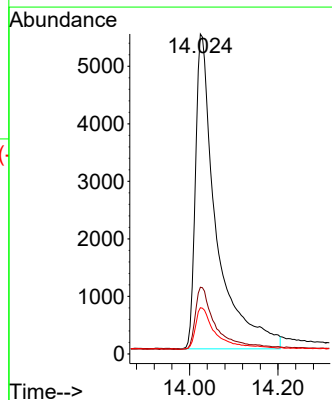
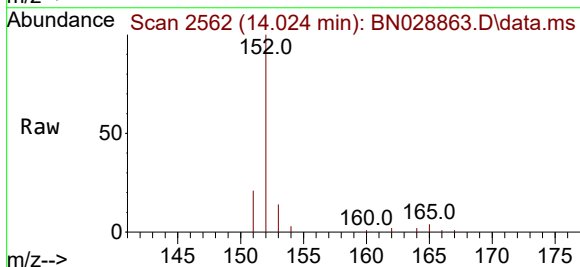
Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

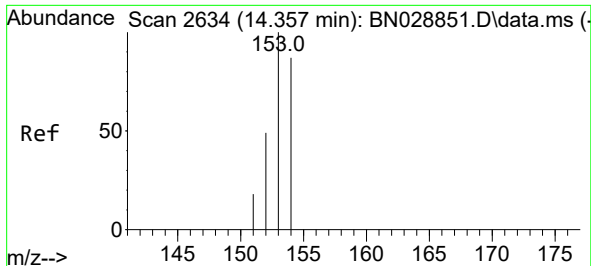
Tgt Ion: 88 Resp: 3241
Ion Ratio Lower Upper
88 100
43 23.4 32.9 49.3#
58 31.7 41.8 62.8#



#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.024 min Scan# 2562
Delta R.T. -0.001 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

Tgt Ion:152 Resp: 17963
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 14.5 10.6 15.8

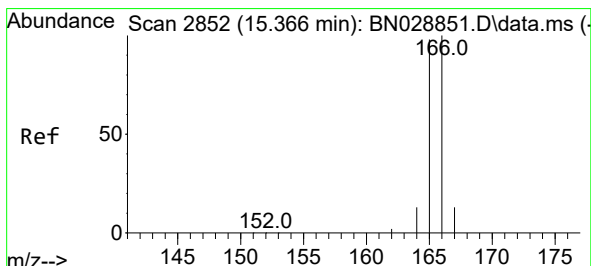
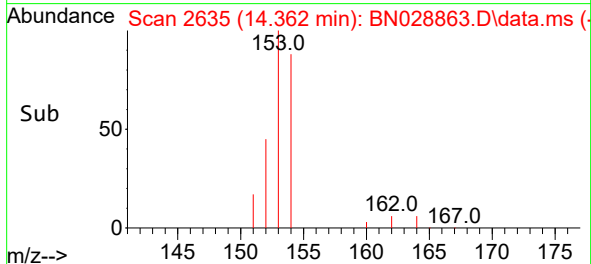
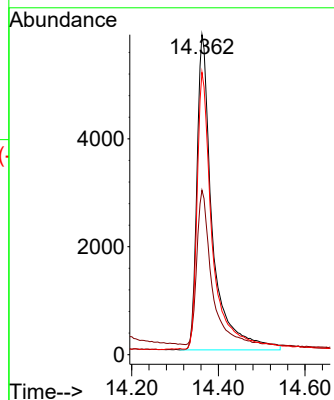
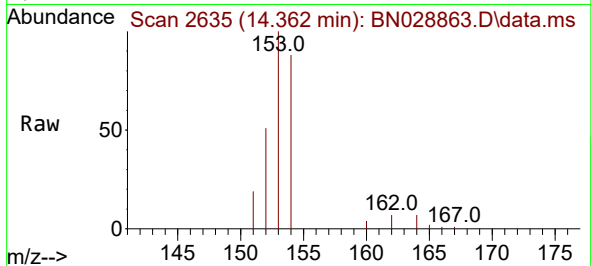




#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.362 min Scan# 2635
Delta R.T. -0.001 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

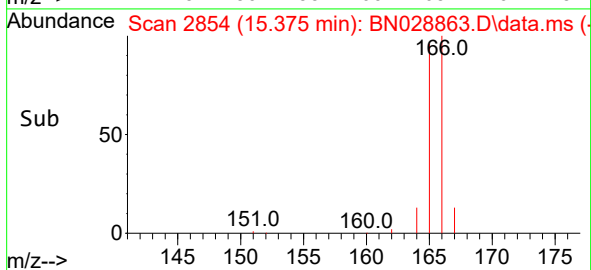
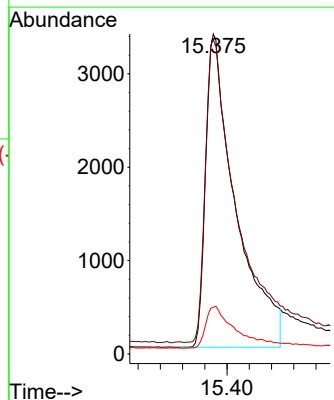
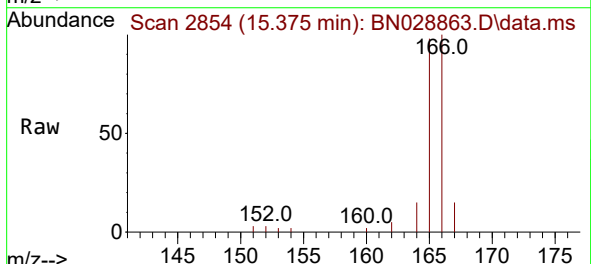
Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

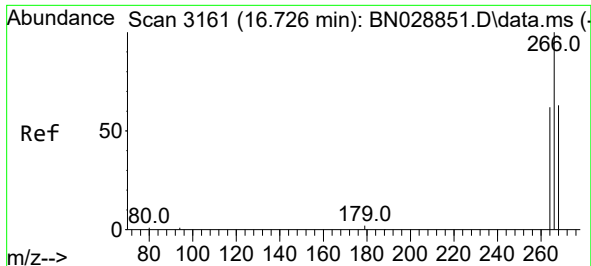
Tgt Ion:153 Resp: 14517
Ion Ratio Lower Upper
153 100
152 51.4 39.6 59.4
154 88.2 71.0 106.6



#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.375 min Scan# 2854
Delta R.T. 0.008 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

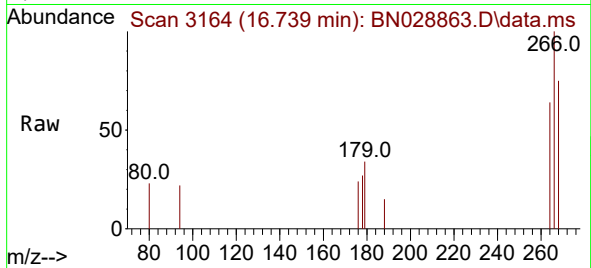
Tgt Ion:166 Resp: 12576
Ion Ratio Lower Upper
166 100
165 98.2 78.6 118.0
167 14.6 11.0 16.6





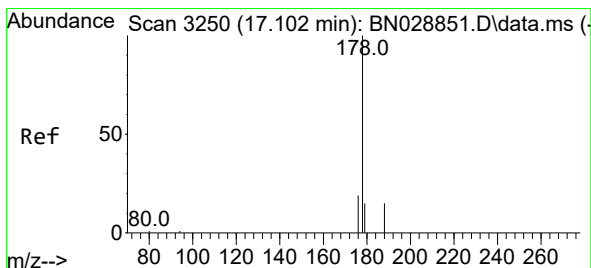
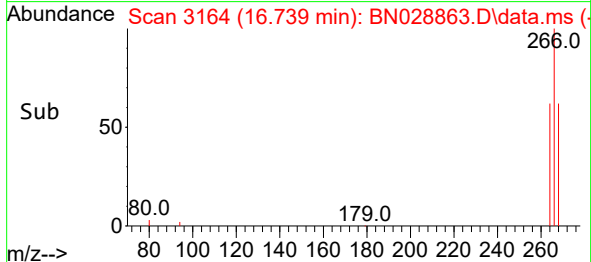
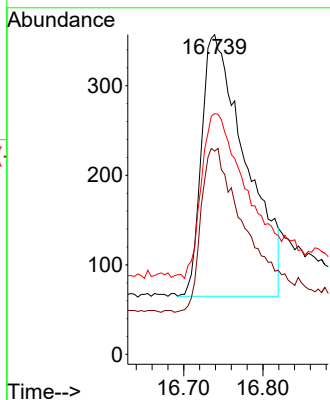
#14
 Pentachlorophenol
 Concen: 0.373 ng/ul
 RT: 16.739 min Scan# 3164
 Delta R.T. 0.016 min
 Lab File: BN028863.D
 Acq: 24 Nov 2023 18:10

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4331



Tgt Ion:266 Resp: 1129

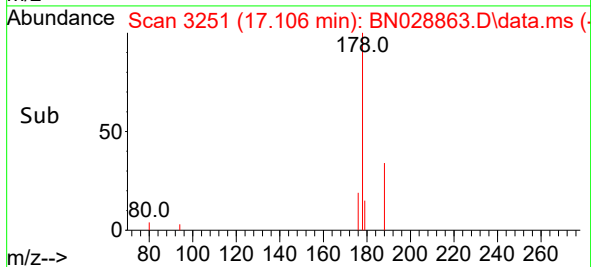
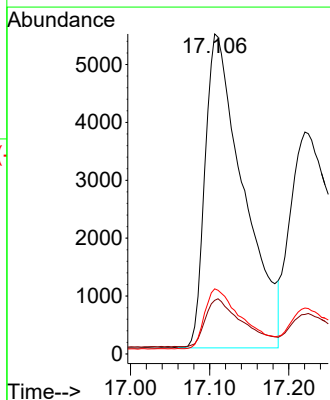
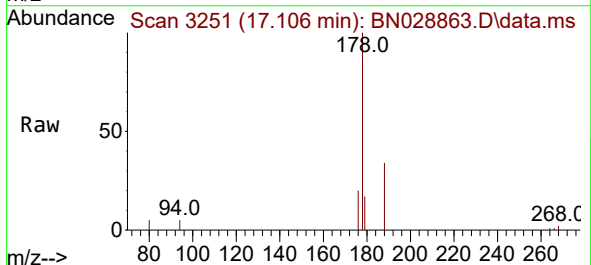
Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.1	75.1
268	62.8	50.6	75.8

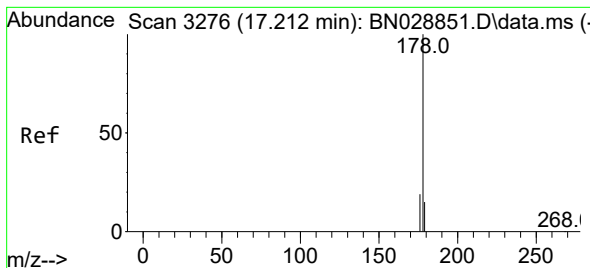


#15
 Phenanthrene
 Concen: 0.470 ng/ul
 RT: 17.106 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: BN028863.D
 Acq: 24 Nov 2023 18:10

Tgt Ion:178 Resp: 18209

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.4	18.6
176	20.4	15.4	23.2





#16

Anthracene

Concen: 0.322 ng/ul

RT: 17.220 min Scan# 31

Delta R.T. 0.016 min

Lab File: BN028863.D

Acq: 24 Nov 2023 18:10

Instrument :

BNA_N

ClientSampleId :

SSTD0.4331

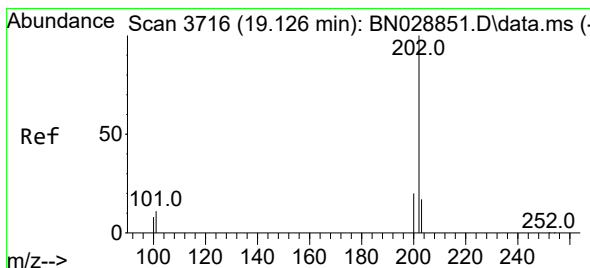
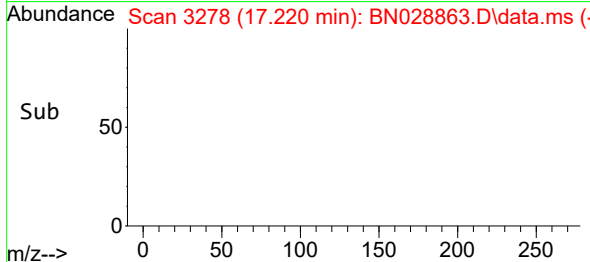
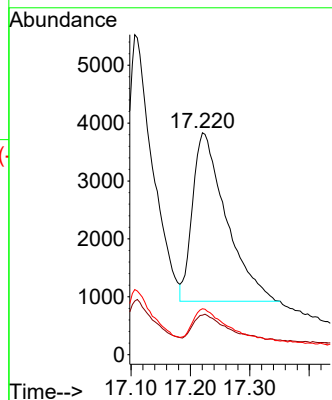
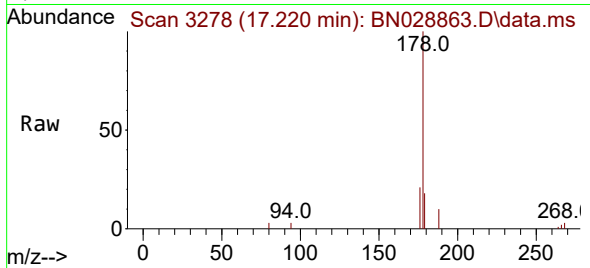
Tgt Ion:178 Resp: 11438

Ion Ratio Lower Upper

178 100

179 17.8 12.6 18.8

176 20.7 14.9 22.3



#19

Fluoranthene

Concen: 0.470 ng/ul

RT: 19.126 min Scan# 3716

Delta R.T. 0.004 min

Lab File: BN028863.D

Acq: 24 Nov 2023 18:10

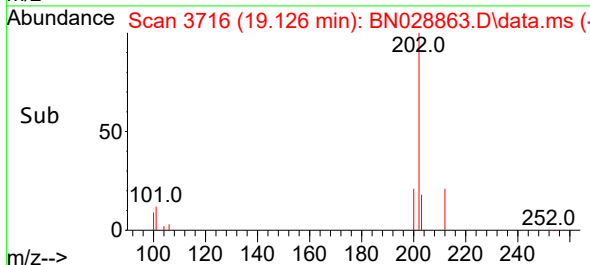
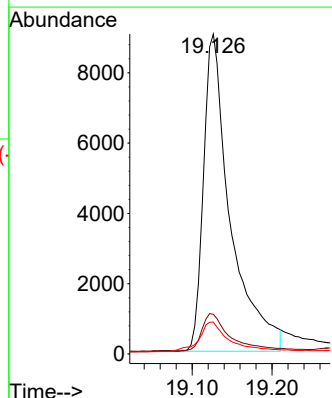
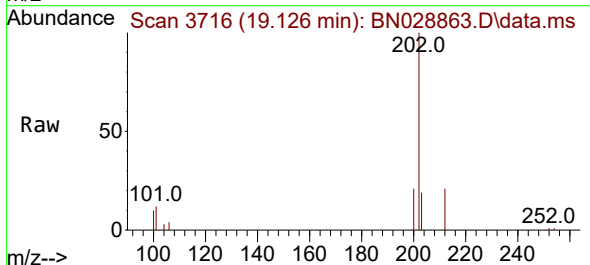
Tgt Ion:202 Resp: 21120

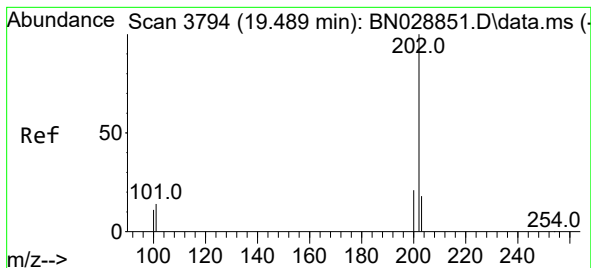
Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

100 9.9 7.2 10.8





#20

Pyrene

Concen: 0.510 ng/ul

RT: 19.489 min Scan# 3794

Delta R.T. 0.004 min

Lab File: BN028863.D

Acq: 24 Nov 2023 18:10

Instrument :

BNA_N

ClientSampleId :

SSTD0.4331

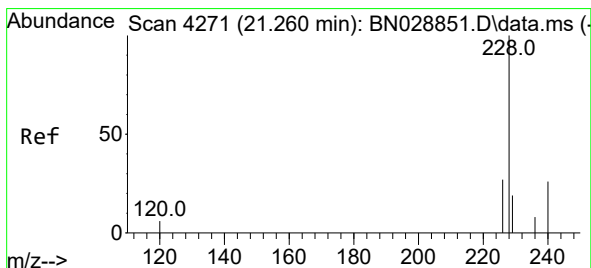
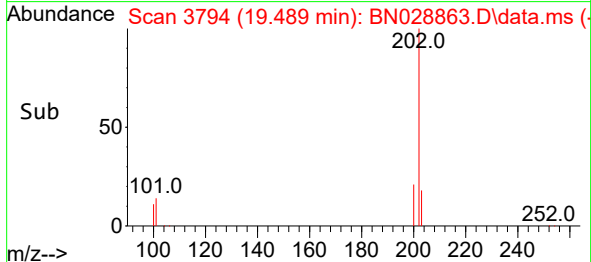
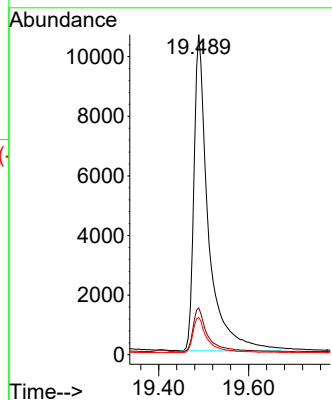
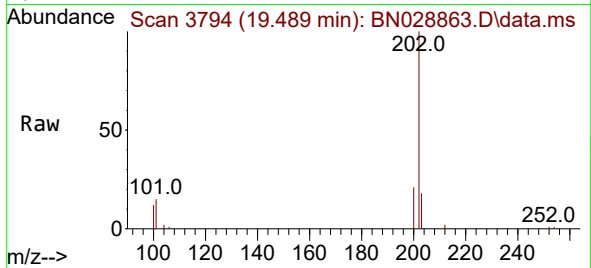
Tgt Ion:202 Resp: 23770

Ion Ratio Lower Upper

202 100

101 14.6 10.3 15.5

100 11.6 8.2 12.2



#21

Benzo(a)anthracene

Concen: 0.294 ng/ul

RT: 21.260 min Scan# 4271

Delta R.T. 0.005 min

Lab File: BN028863.D

Acq: 24 Nov 2023 18:10

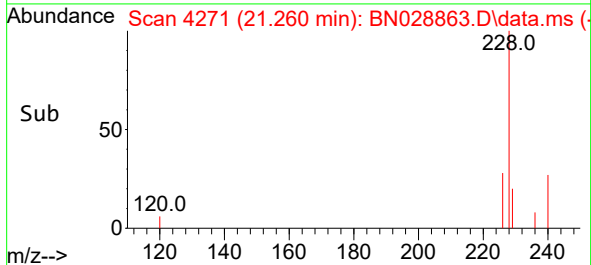
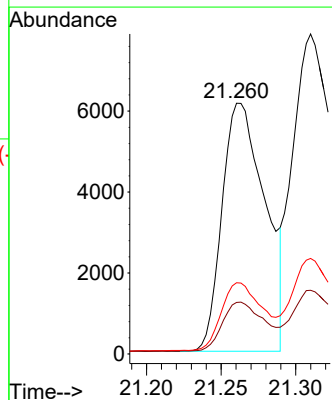
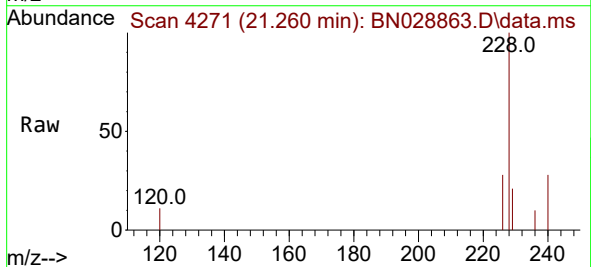
Tgt Ion:228 Resp: 12297

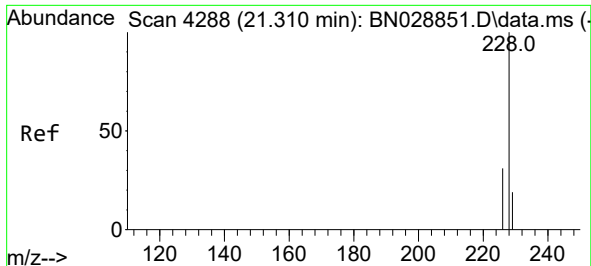
Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

226 28.4 21.4 32.0





#22

Chrysene

Concen: 0.393 ng/ul

RT: 21.310 min Scan# 4288

Delta R.T. 0.005 min

Lab File: BN028863.D

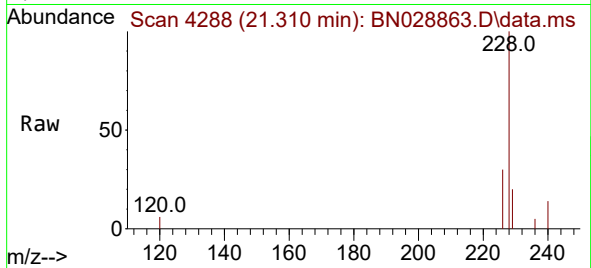
Acq: 24 Nov 2023 18:10

Instrument :

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ClientSampleId :

SSTD0.4331



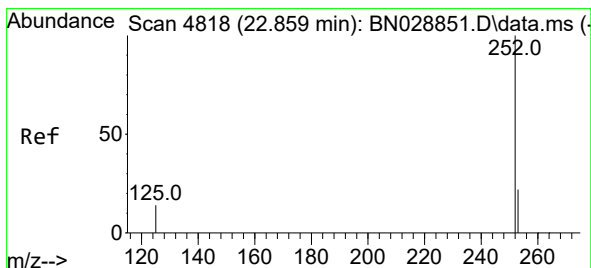
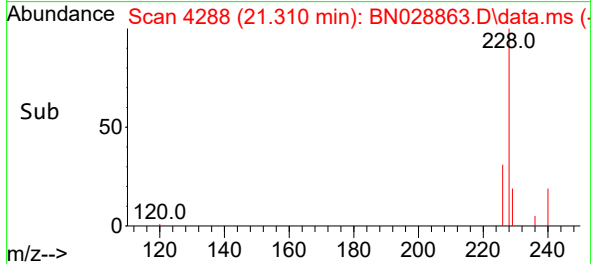
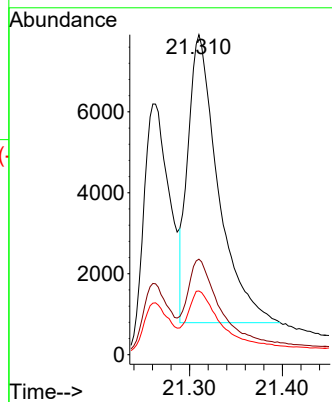
Tgt Ion:228 Resp: 16056

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.9 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 0.369 ng/ul

RT: 22.859 min Scan# 4818

Delta R.T. 0.005 min

Lab File: BN028863.D

Acq: 24 Nov 2023 18:10

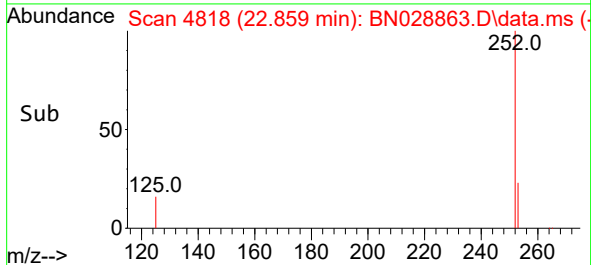
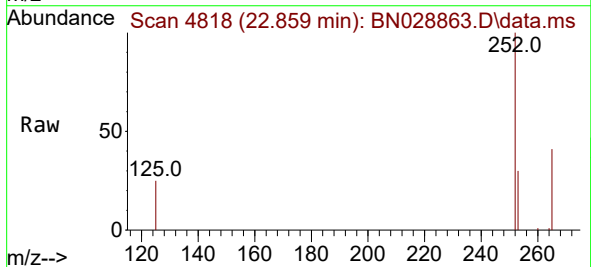
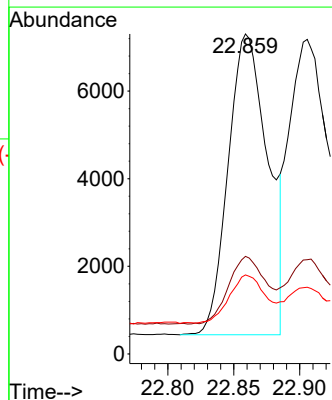
Tgt Ion:252 Resp: 14366

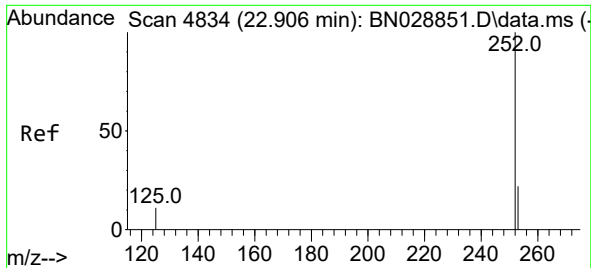
Ion Ratio Lower Upper

252 100

253 30.5 0.0 46.6

125 24.7 0.0 27.6

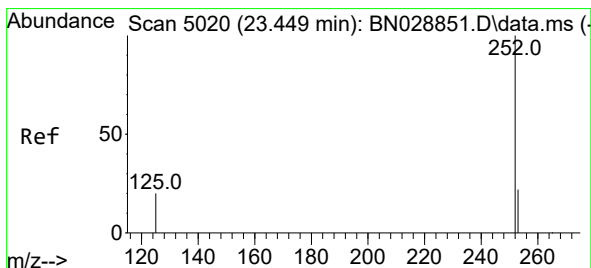
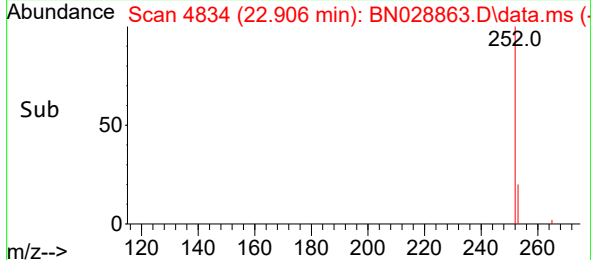
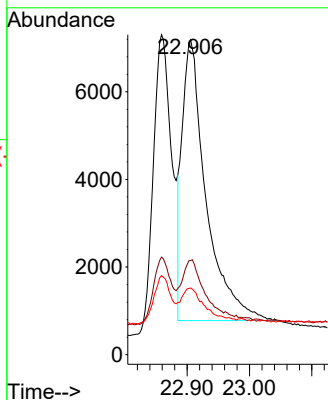
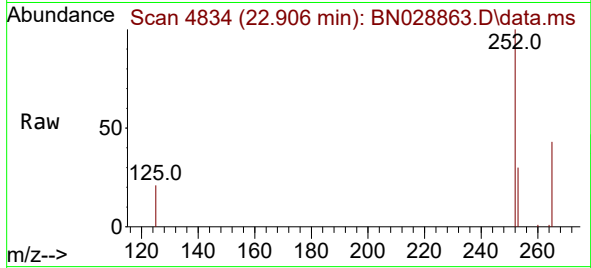




#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.906 min Scan# 4834
Delta R.T. 0.002 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

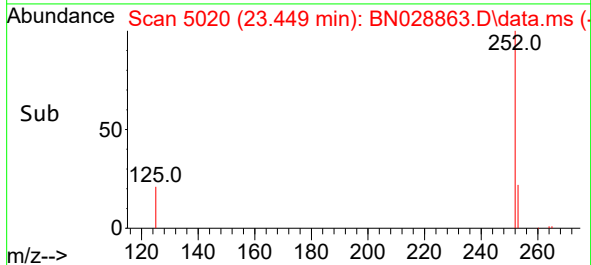
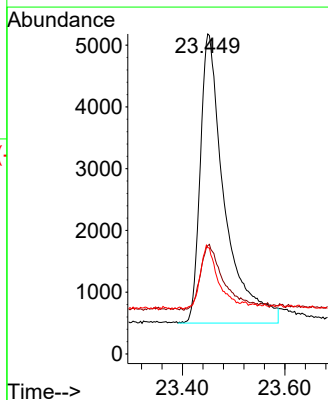
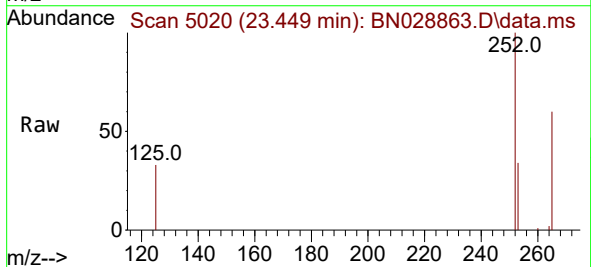
Instrument :
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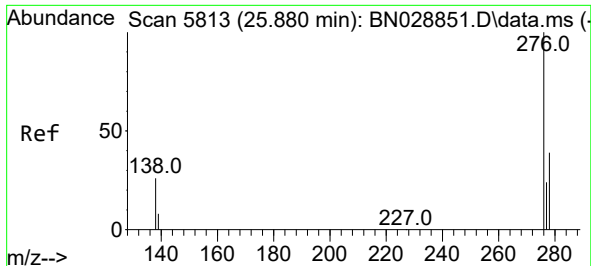
Tgt Ion:252 Resp: 17058
Ion Ratio Lower Upper
252 100
253 30.0 18.6 28.0#
125 21.2 12.7 19.1#



#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.449 min Scan# 5020
Delta R.T. 0.005 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

Tgt Ion:252 Resp: 15403
Ion Ratio Lower Upper
252 100
253 33.9 19.0 28.6#
125 33.2 13.2 19.8#

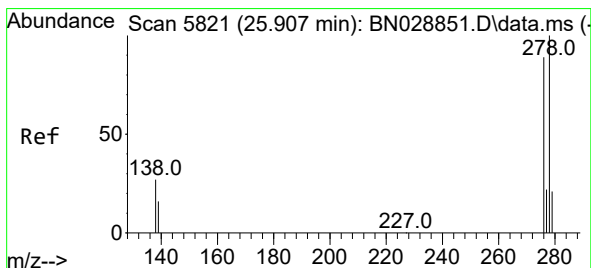
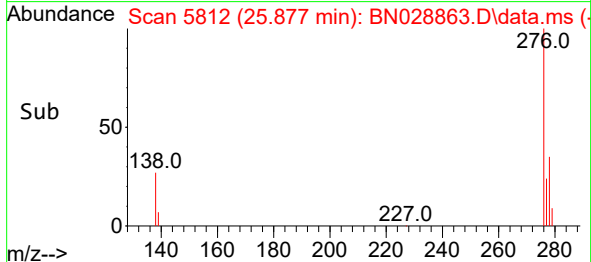
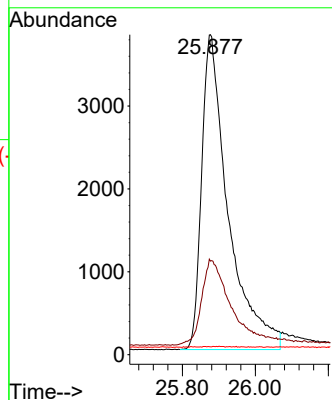
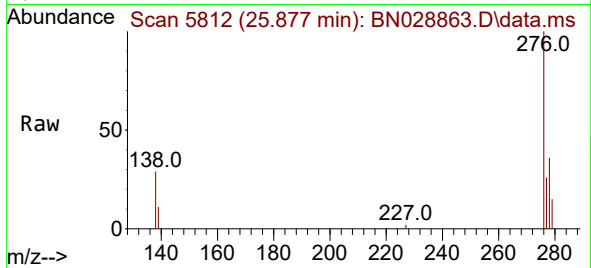




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.470 ng/ul
 RT: 25.877 min Scan# 5812
 Delta R.T. 0.002 min
 Lab File: BN028863.D
 Acq: 24 Nov 2023 18:10

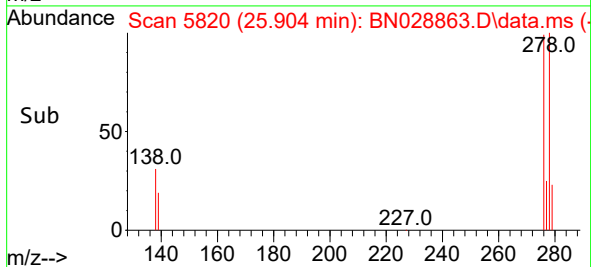
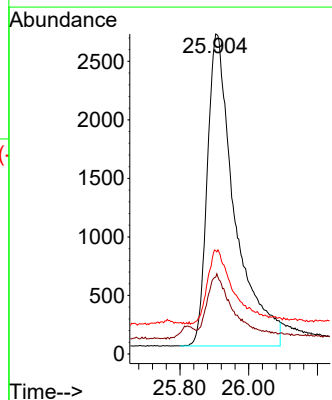
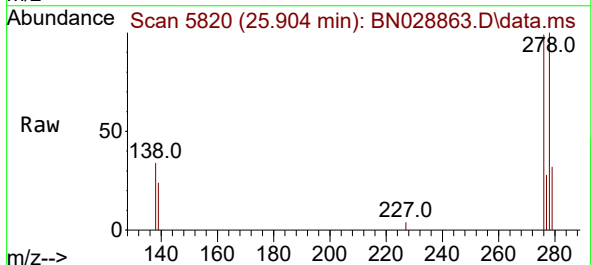
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4331

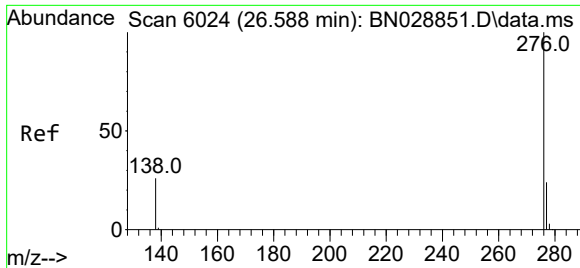
Tgt Ion:276 Resp: 19188
 Ion Ratio Lower Upper
 276 100
 138 30.3 23.8 35.6
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.452 ng/ul
 RT: 25.904 min Scan# 5820
 Delta R.T. 0.006 min
 Lab File: BN028863.D
 Acq: 24 Nov 2023 18:10

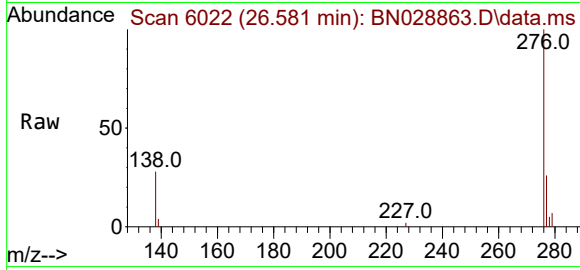
Tgt Ion:278 Resp: 14766
 Ion Ratio Lower Upper
 278 100
 139 24.0 18.2 27.4
 279 32.3 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.505 ng/ul
RT: 26.581 min Scan# 6022
Delta R.T. 0.002 min
Lab File: BN028863.D
Acq: 24 Nov 2023 18:10

Instrument :
BNA_N
ClientSampleId :
SSTD0.4331



Tgt Ion:	276	Resp:	16900
Ion Ratio	Lower	Upper	
276	100		
138	28.3	20.5	30.7
277	25.6	19.4	29.0

