

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028063.D
 Acq On : 05 Oct 2023 23:59
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 04:26:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

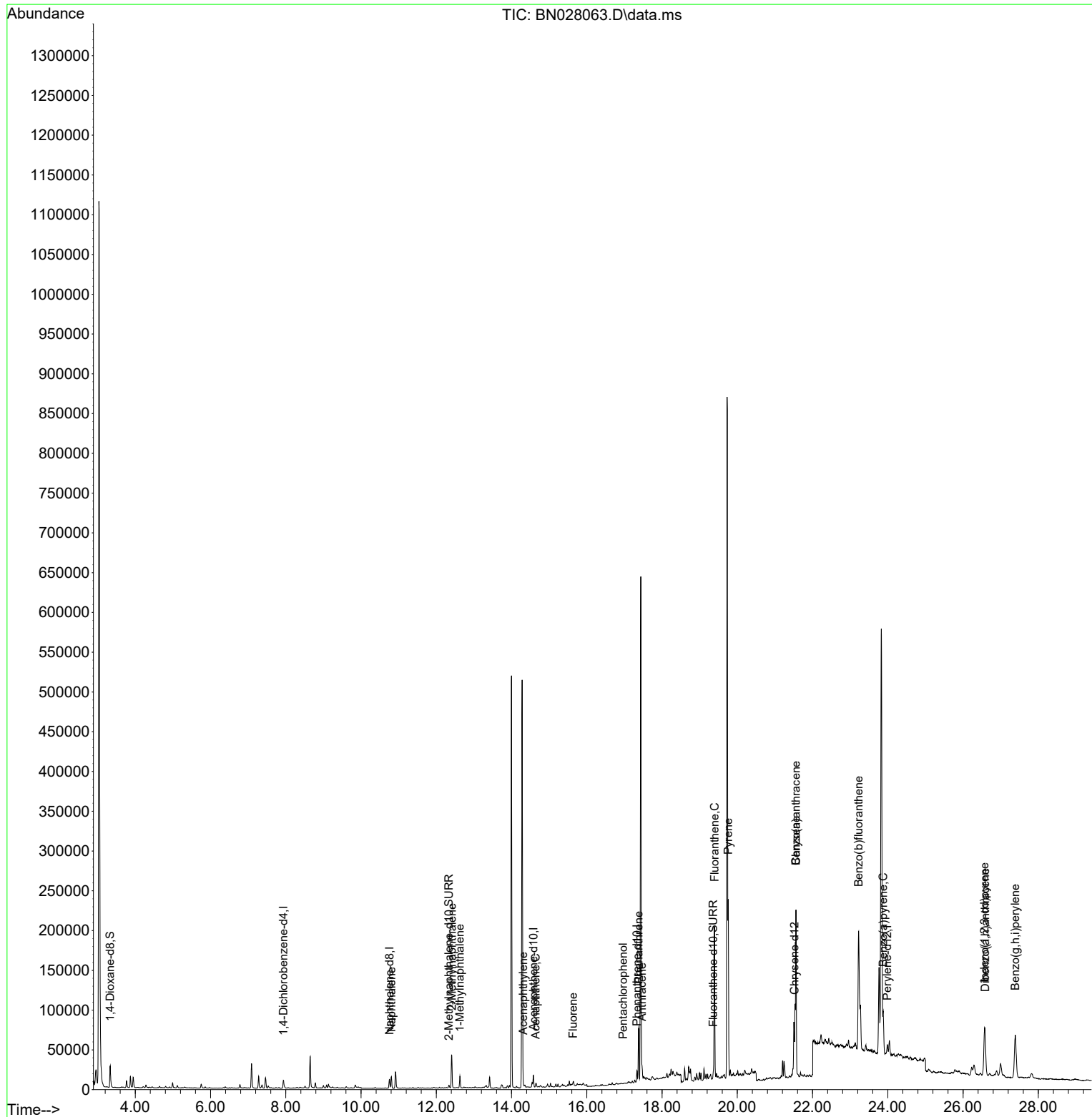
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5023	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	15400	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	8536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	16951	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.521	240	14143	0.400	ng/ul	#-0.01
23) Perylene-d12	23.989	264	14780	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	21116	3.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4616	0.186	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	9221	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	19572	0.448	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	29606	1.073	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	9875	0.346	ng/ul	99
10) Acenaphthylene	14.310	152	2182	0.056	ng/ul#	42
11) Acenaphthene	14.643	153	3354	0.109	ng/ul#	87
12) Fluorene	15.633	166	2750	0.080	ng/ul#	50
14) Pentachlorophenol	16.962	266	138	0.038	ng/ul#	18
15) Phenanthrene	17.375	178	71780	1.421	ng/ul#	95
16) Anthracene	17.468	178	14260	0.315	ng/ul#	76
19) Fluoranthene	19.394	202	165425	3.063	ng/ul	99
20) Pyrene	19.761	202	180853	3.231	ng/ul	100
21) Benzo(a)anthracene	21.559	228	188249	3.646	ng/ul	93
22) Chrysene	21.559	228	188251	3.610	ng/ul	96
24) Benzo(b)fluoranthene	23.225	252	333153	6.079	ng/ul#	75
26) Benzo(a)pyrene	23.877	252	78225	1.674	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.573	276	113402	2.006	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.589	278	25666	0.558	ng/ul#	1
29) Benzo(g,h,i)perylene	27.388	276	123966	2.682	ng/ul#	91

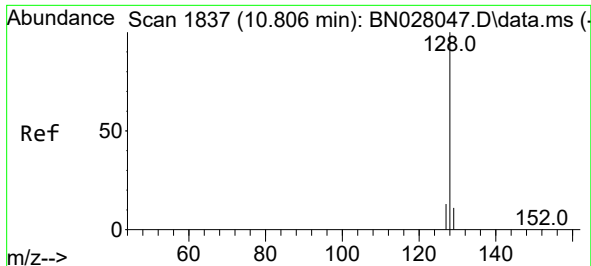
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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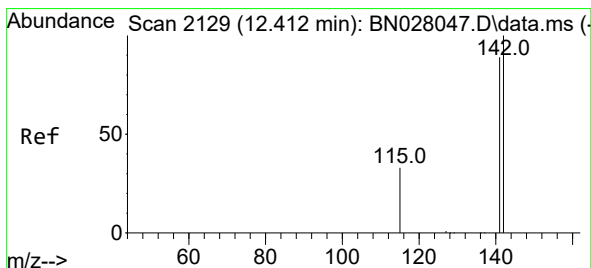
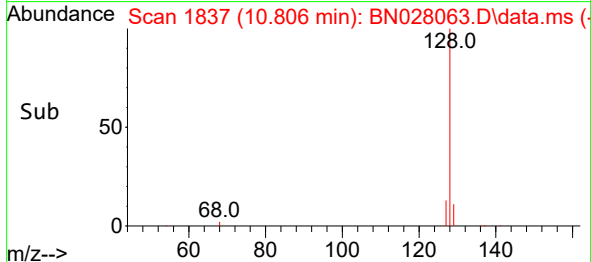
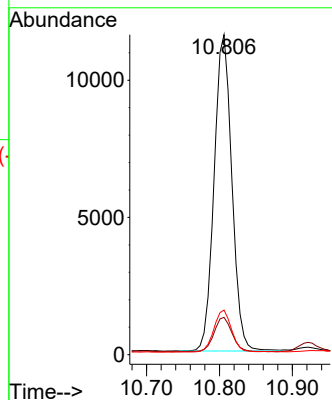
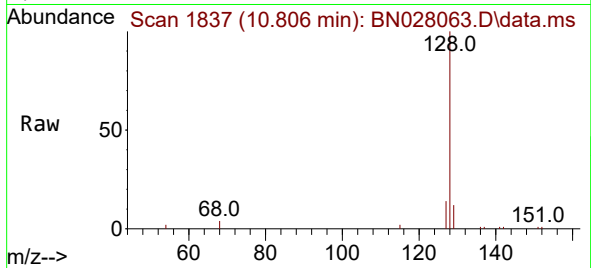




#5
Naphthalene
Concen: 0.448 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

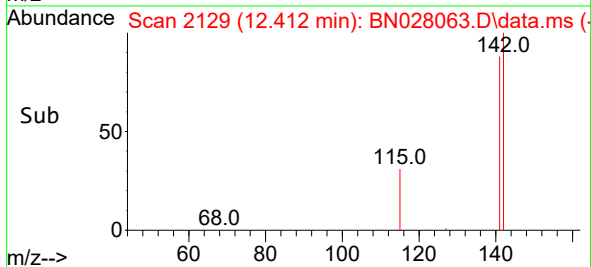
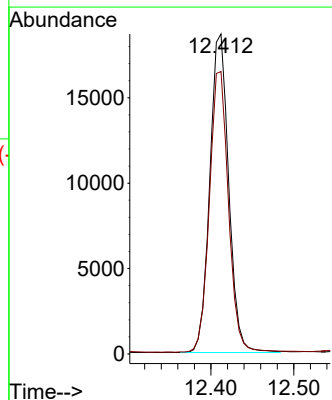
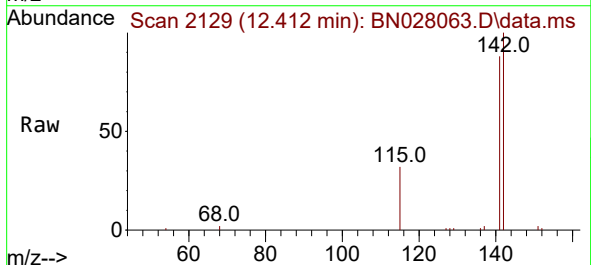
Instrument :
BNA_G
ClientSampleId :

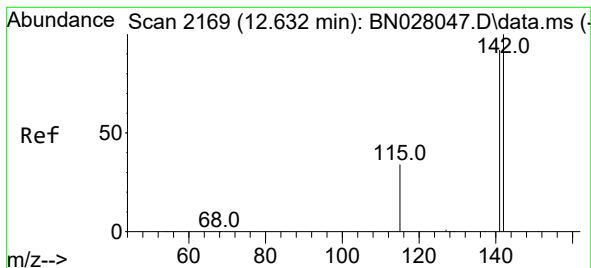
Tgt Ion:128 Resp: 19572
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.0 11.0 16.4



#7
2-Methylnaphthalene
Concen: 1.073 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

Tgt Ion:142 Resp: 29606
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.346 ng/ul

RT: 12.627 min Scan# 2168

Delta R.T. -0.017 min

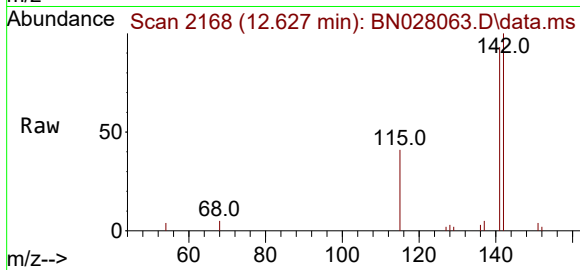
Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Instrument :

BNA_G

ClientSampleId :

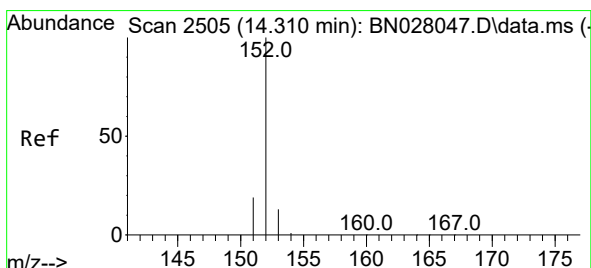
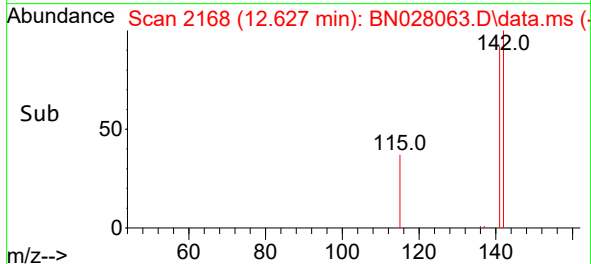
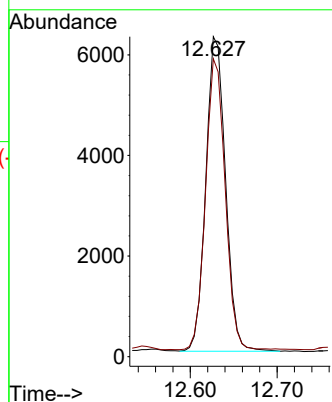


Tgt Ion:142 Resp: 9875

Ion Ratio Lower Upper

142 100

141 91.7 74.4 111.6



#10

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.010 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

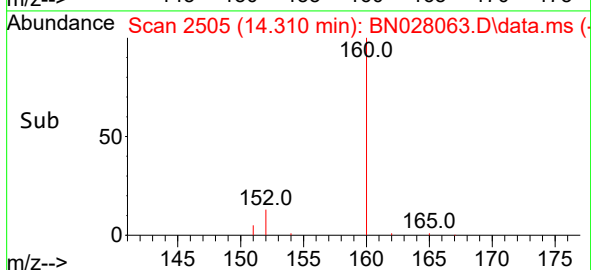
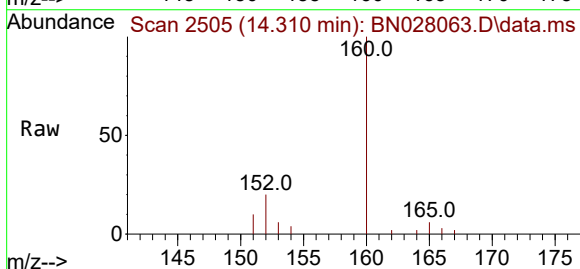
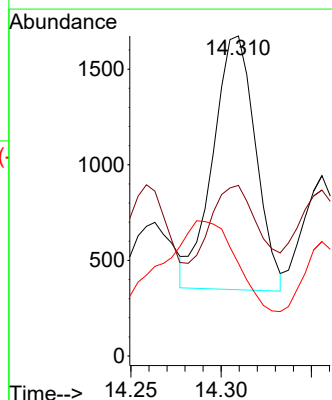
Tgt Ion:152 Resp: 2182

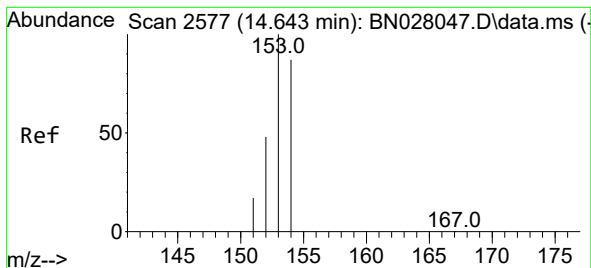
Ion Ratio Lower Upper

152 100

151 53.3 16.4 24.6#

153 29.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.109 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. -0.014 min

Lab File: BN028063.D

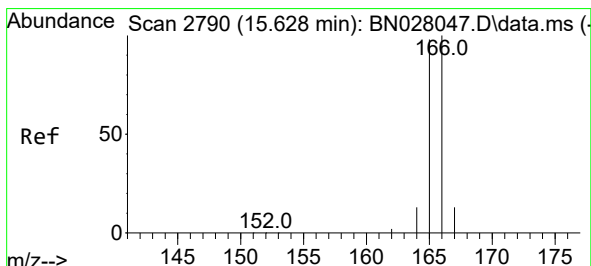
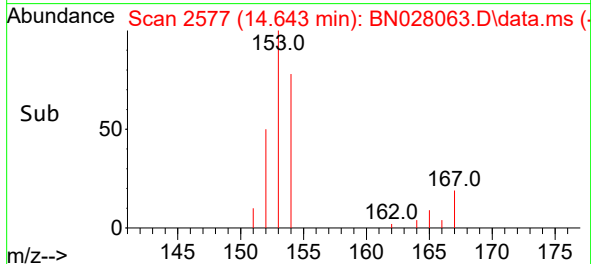
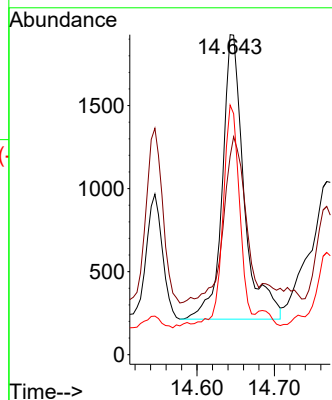
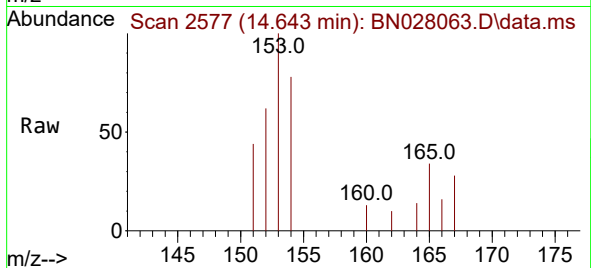
Acq: 05 Oct 2023 23:59

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:153 Resp: 3354
 Ion Ratio Lower Upper
 153 100
 152 62.0 39.4 59.0#
 154 78.0 70.2 105.4



#12

Fluorene

Concen: 0.080 ng/ul

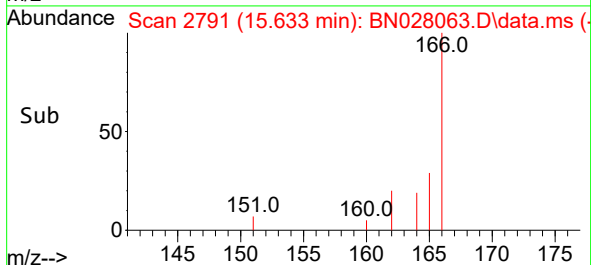
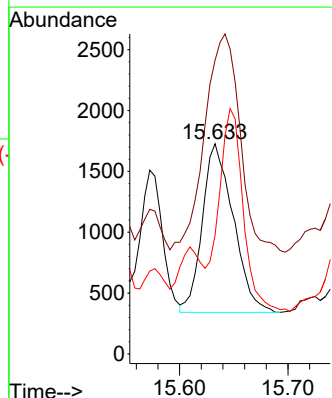
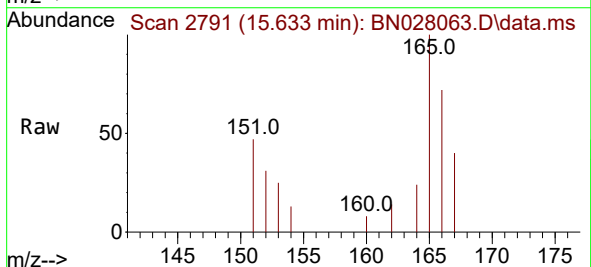
RT: 15.633 min Scan# 2791

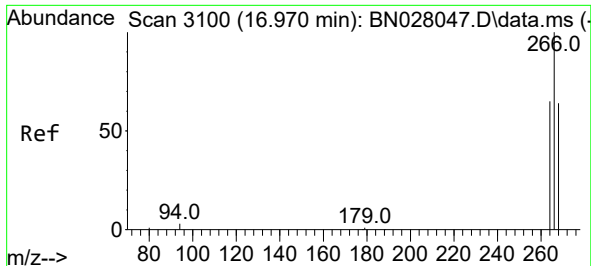
Delta R.T. -0.010 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

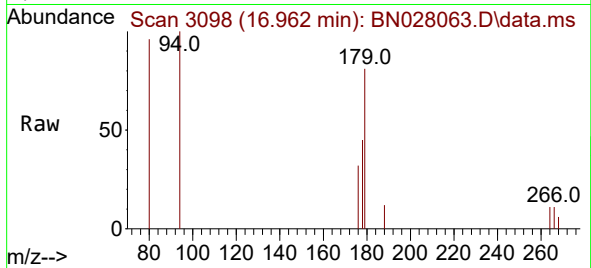
Tgt Ion:166 Resp: 2750
 Ion Ratio Lower Upper
 166 100
 165 139.8 78.5 117.7#
 167 56.5 11.2 16.8#



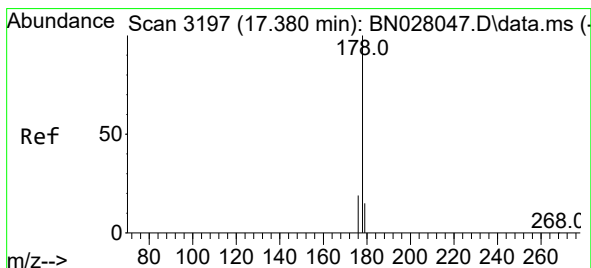
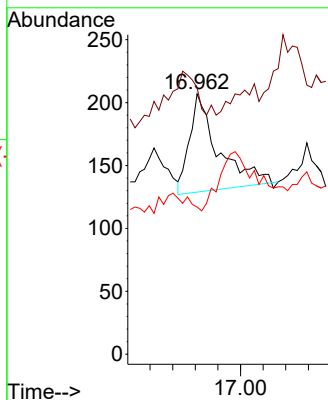
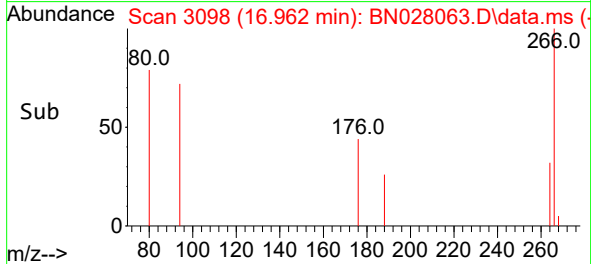


#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.962 min Scan# 3098
Delta R.T. -0.025 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

Instrument :
BNA_G
ClientSampleId :

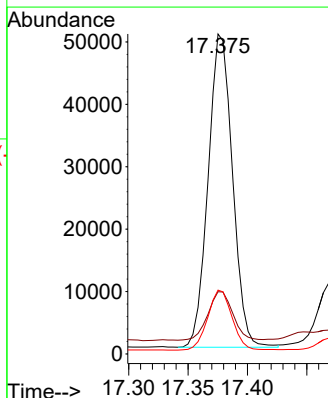
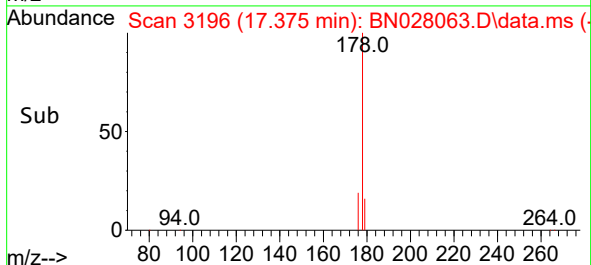
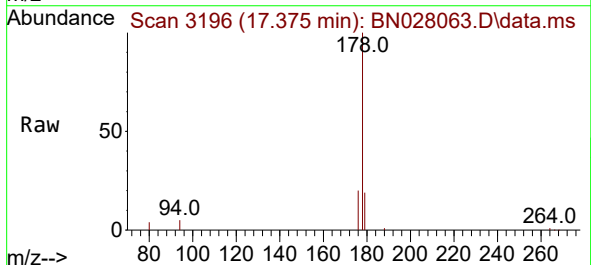


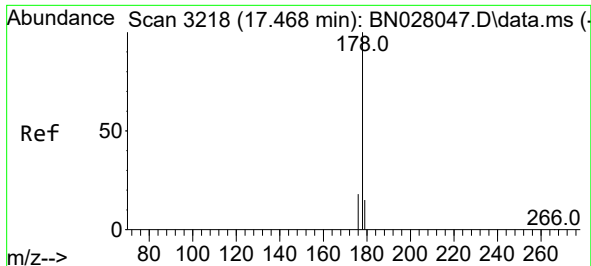
Tgt Ion:266 Resp: 138
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 0.0 52.2 78.4#



#15
Phenanthrene
Concen: 1.421 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.013 min
Lab File: BN028063.D
Acq: 05 Oct 2023 23:59

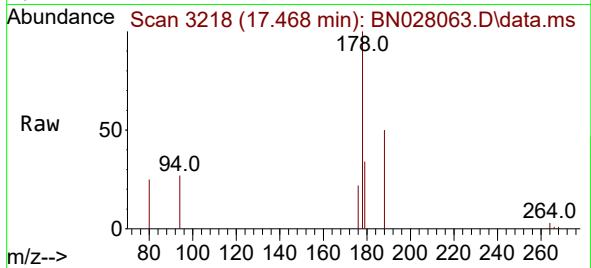
Tgt Ion:178 Resp: 71780
Ion Ratio Lower Upper
178 100
179 19.5 12.6 19.0#
176 20.0 15.5 23.3



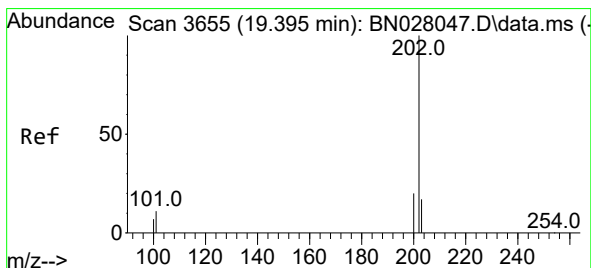
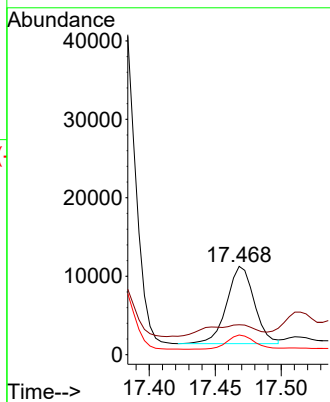
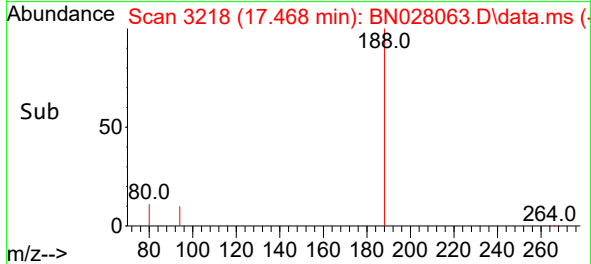


#16
 Anthracene
 Concen: 0.315 ng/ul
 RT: 17.468 min Scan# 3218
 Delta R.T. -0.013 min
 Lab File: BN028063.D
 Acq: 05 Oct 2023 23:59

Instrument :
 BNA_G
 ClientSampleId :

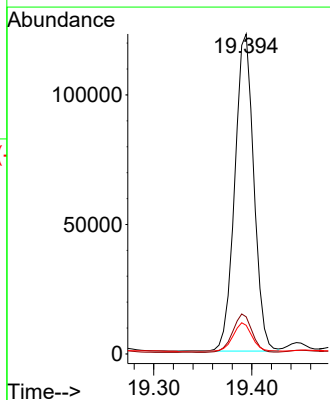
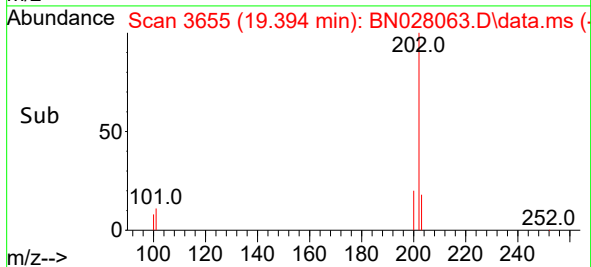
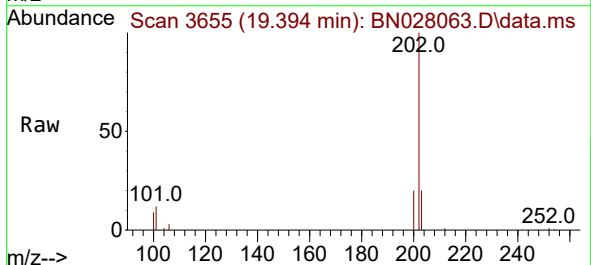


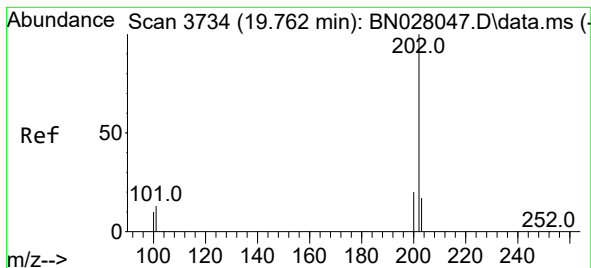
Tgt Ion:178 Resp: 14260
 Ion Ratio Lower Upper
 178 100
 179 33.9 12.8 19.2#
 176 22.3 15.0 22.6



#19
 Fluoranthene
 Concen: 3.063 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. -0.009 min
 Lab File: BN028063.D
 Acq: 05 Oct 2023 23:59

Tgt Ion:202 Resp: 165425
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.6 14.4
 100 8.9 7.4 11.0





#20

Pyrene

Concen: 3.231 ng/ul

RT: 19.761 min Scan# 31

Delta R.T. -0.009 min

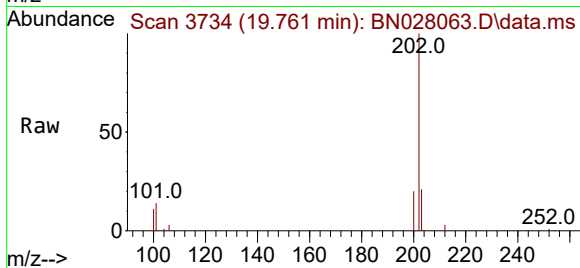
Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Instrument :

BNA_G

ClientSampleId :



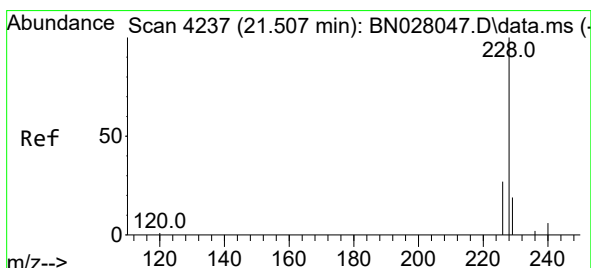
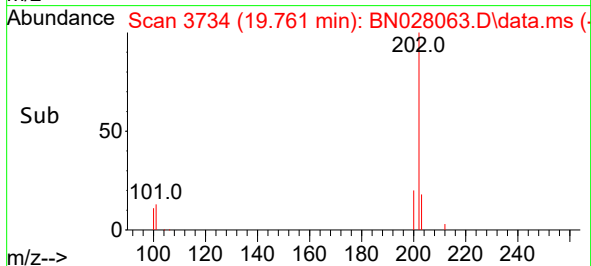
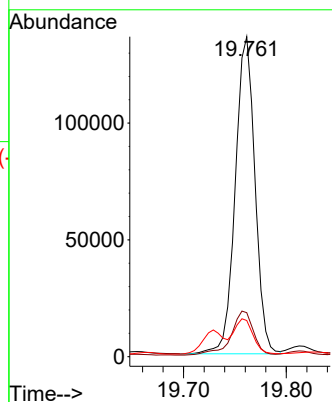
Tgt Ion:202 Resp: 180853

Ion Ratio Lower Upper

202 100

101 13.8 11.2 16.8

100 11.3 9.1 13.7



#21

Benzo(a)anthracene

Concen: 3.646 ng/ul

RT: 21.559 min Scan# 4255

Delta R.T. 0.041 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

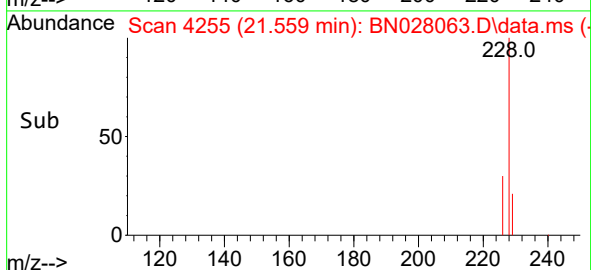
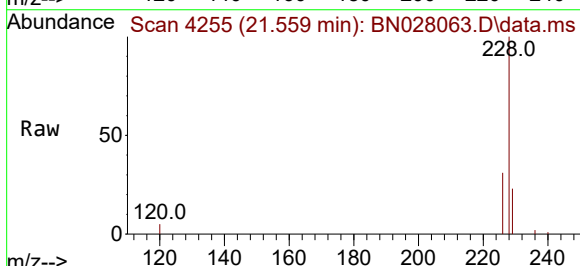
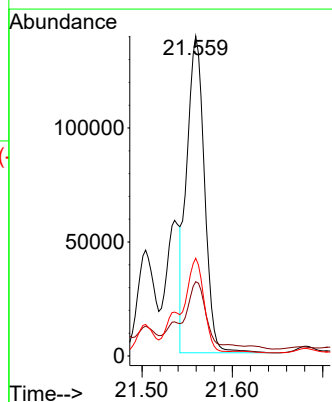
Tgt Ion:228 Resp: 188249

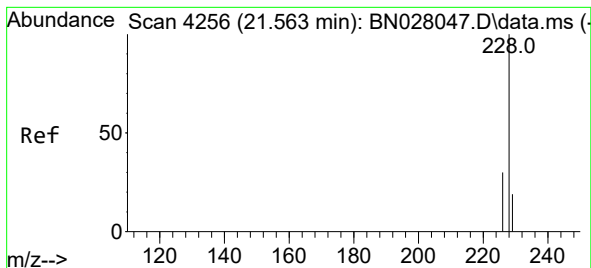
Ion Ratio Lower Upper

228 100

229 23.2 16.0 24.0

226 30.6 21.5 32.3





#22

Chrysene

Concen: 3.610 ng/ul

RT: 21.559 min Scan# 4255

Delta R.T. -0.014 min

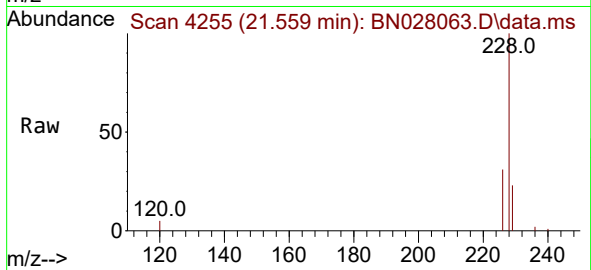
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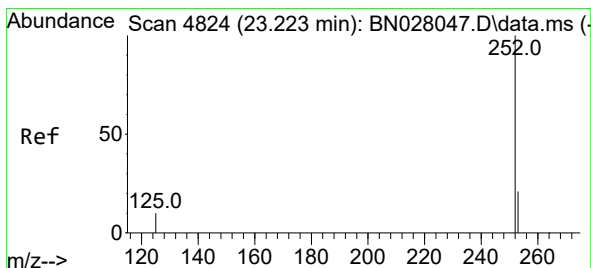
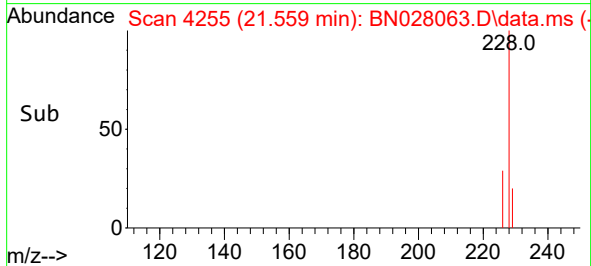
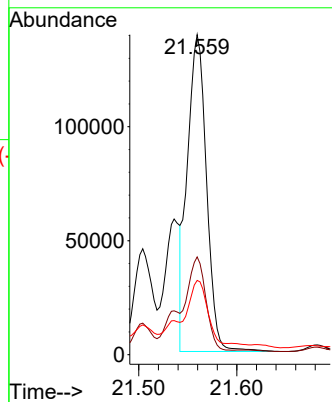
Tgt Ion:228 Resp: 188251

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.8

229 23.2 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 6.079 ng/ul

RT: 23.225 min Scan# 4825

Delta R.T. -0.015 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

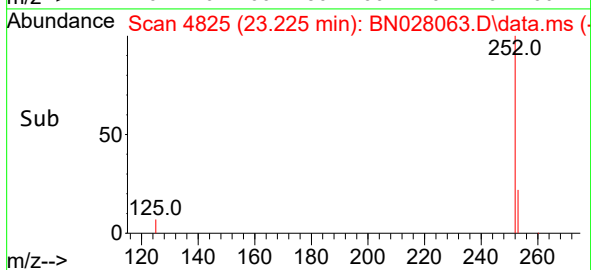
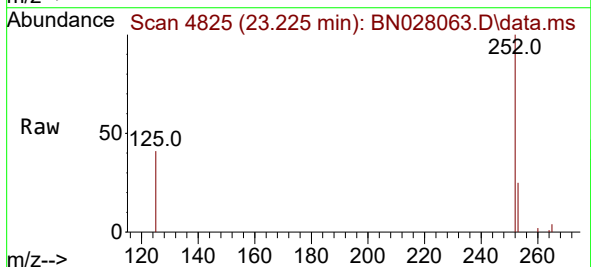
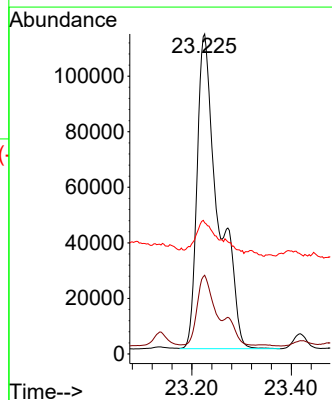
Tgt Ion:252 Resp: 333153

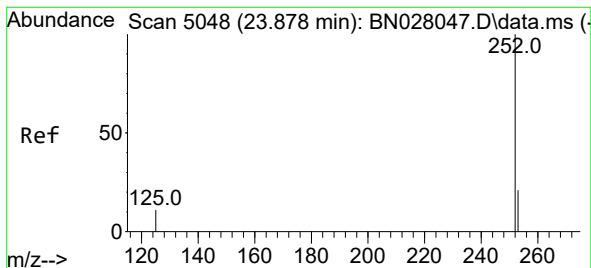
Ion Ratio Lower Upper

252 100

253 24.6 0.0 54.0

125 41.0 0.0 31.4#





#26

Benzo(a)pyrene

Concen: 1.674 ng/ul

RT: 23.877 min Scan# 5048

Delta R.T. -0.017 min

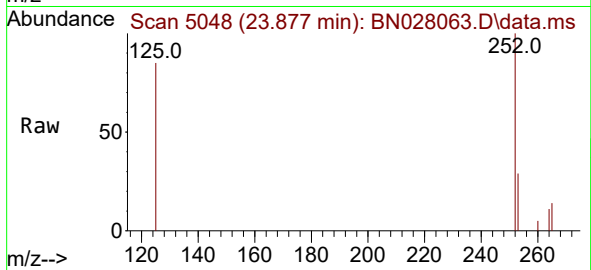
Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Instrument :

BNA_G

ClientSampleId :



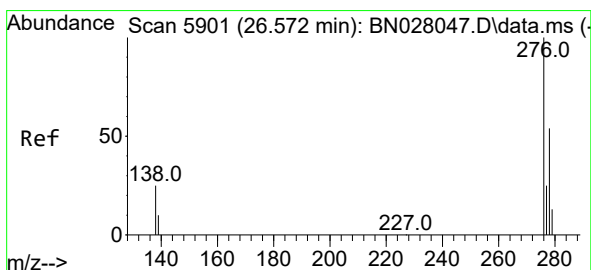
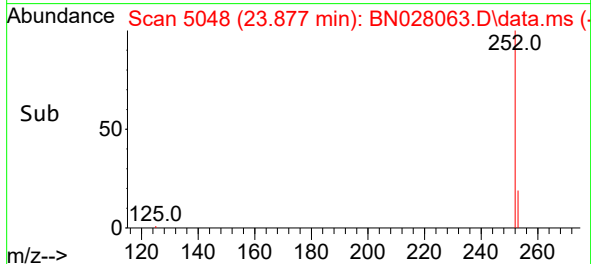
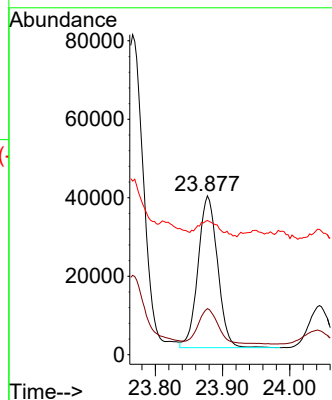
Tgt Ion:252 Resp: 78225

Ion Ratio Lower Upper

252 100

253 29.0 23.4 35.2

125 84.5 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.006 ng/ul

RT: 26.573 min Scan# 5901

Delta R.T. -0.030 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

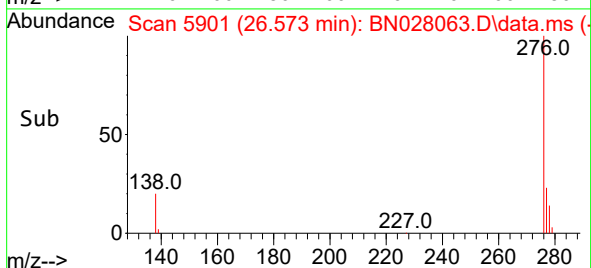
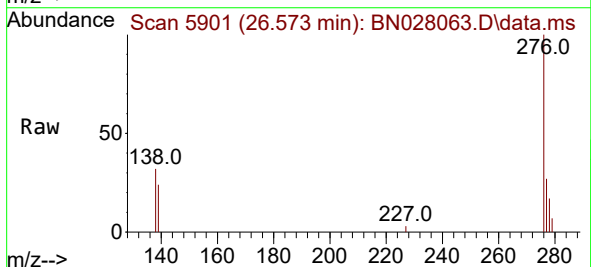
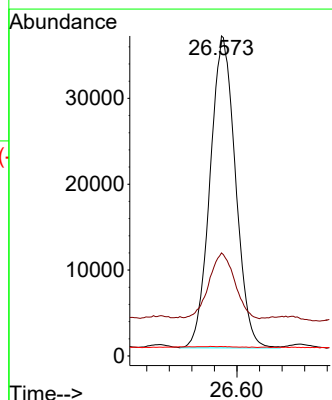
Tgt Ion:276 Resp: 113402

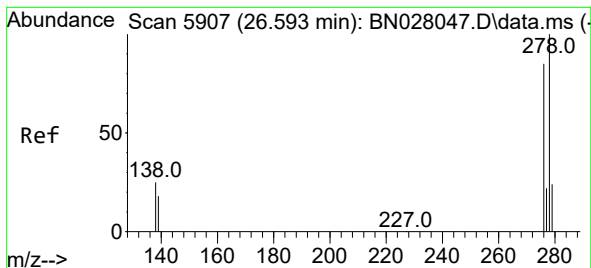
Ion Ratio Lower Upper

276 100

138 21.5 21.6 32.4#

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.558 ng/ul

RT: 26.589 min Scan# 5907

Delta R.T. -0.030 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Instrument :

BNA_G

ClientSampleId :

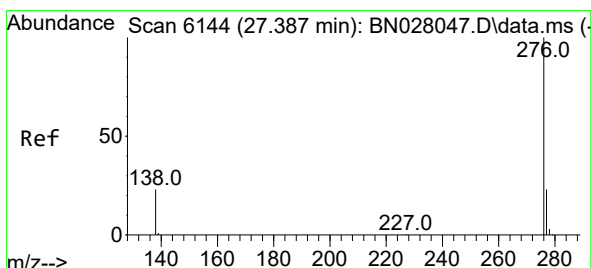
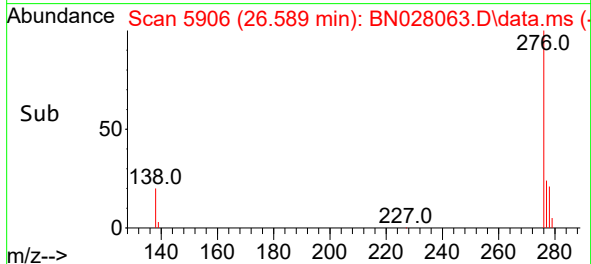
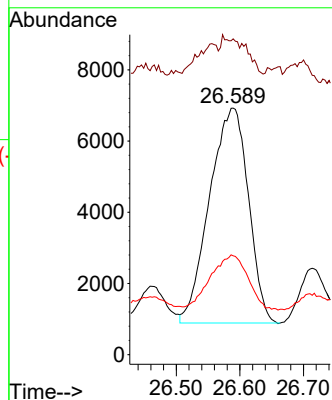
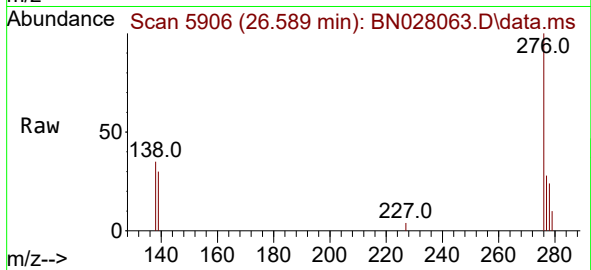
Tgt Ion:278 Resp: 25666

Ion Ratio Lower Upper

278 100

139 128.1 15.9 23.9#

279 40.1 22.8 34.2#



#29

Benzo(g,h,i)perylene

Concen: 2.682 ng/ul

RT: 27.388 min Scan# 6144

Delta R.T. -0.033 min

Lab File: BN028063.D

Acq: 05 Oct 2023 23:59

Tgt Ion:276 Resp: 123966

Ion Ratio Lower Upper

276 100

138 33.1 19.8 29.6#

277 26.2 20.6 31.0

