

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026518.D
 Acq On : 15 Jul 2023 18:44
 Operator : MA/JU
 Sample : 03414-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4639

Quant Time: Jul 16 00:55:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

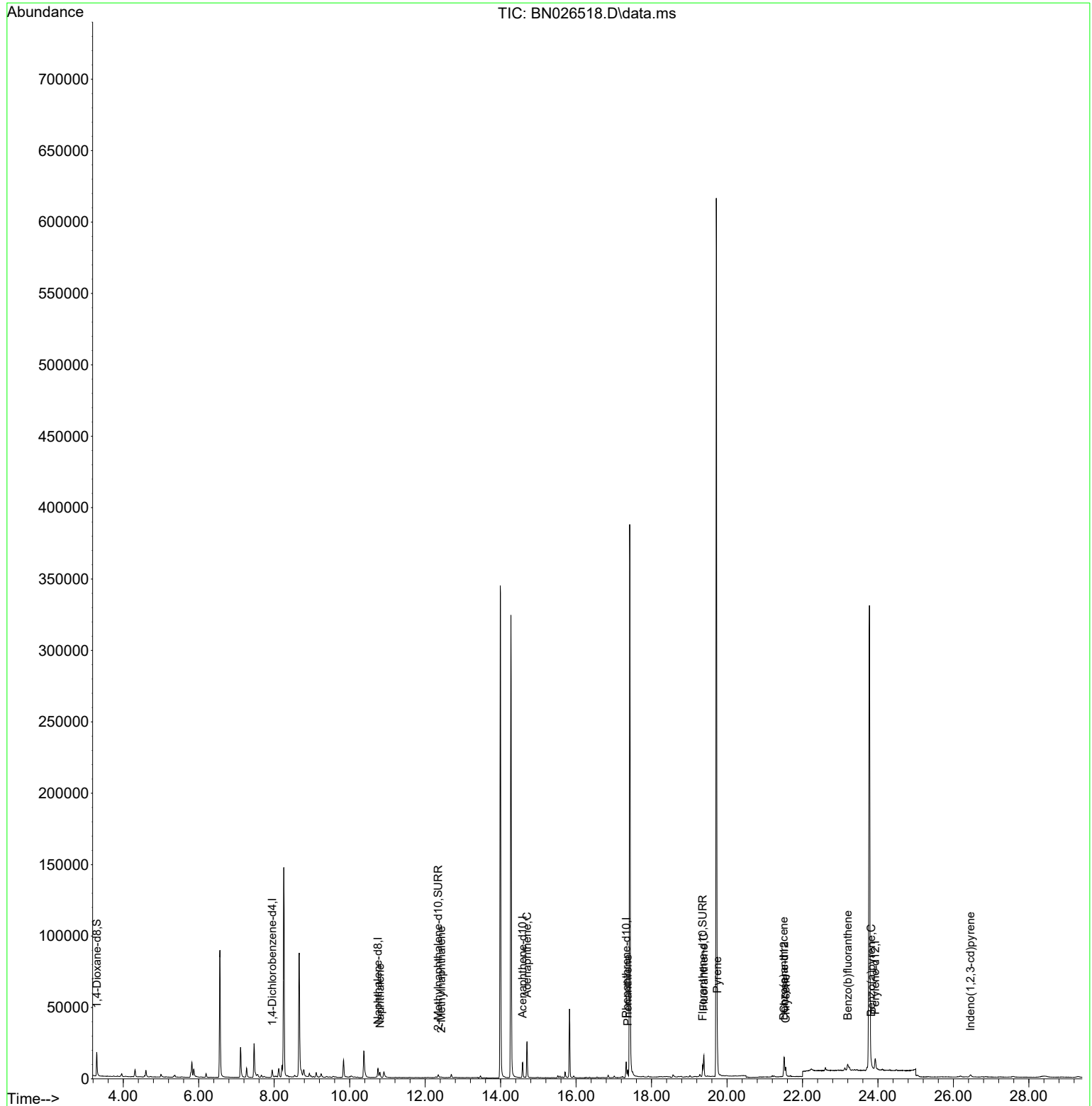
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3107	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	9545	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	6325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	15364	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	12516	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	11792	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	11203	2.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	3314	0.255	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10068	0.232	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	5627	0.215	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	440	0.030	ng/ul	94
11) Acenaphthene	14.700	153	9195	0.390	ng/ul#	1
15) Phenanthrene	17.368	178	5378	0.110	ng/ul	96
19) Fluoranthene	19.387	202	14624	0.249	ng/ul	98
20) Pyrene	19.744	202	14810	0.232	ng/ul#	97
21) Benzo(a)anthracene	21.503	228	6746	0.147	ng/ul#	91
22) Chrysene	21.552	228	6541	0.125	ng/ul#	92
24) Benzo(b)fluoranthene	23.198	252	10948	0.238	ng/ul#	73
26) Benzo(a)pyrene	23.824	252	2791	0.068	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.454	276	3024	0.056	ng/ul#	81

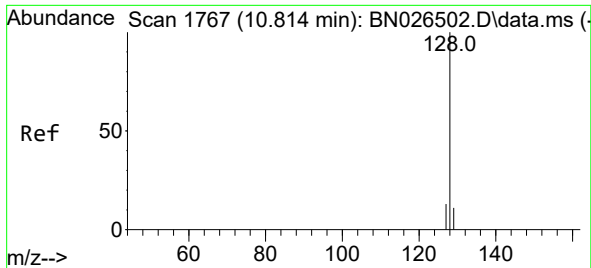
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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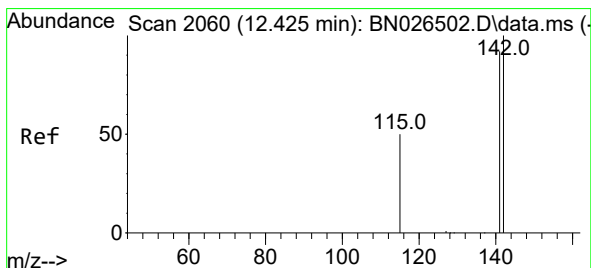
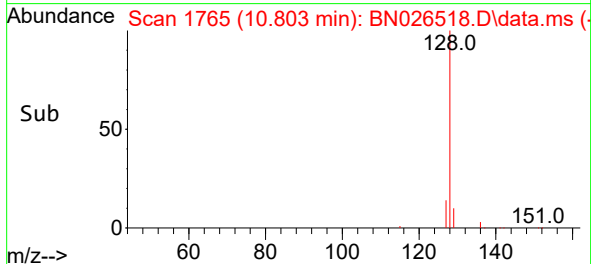
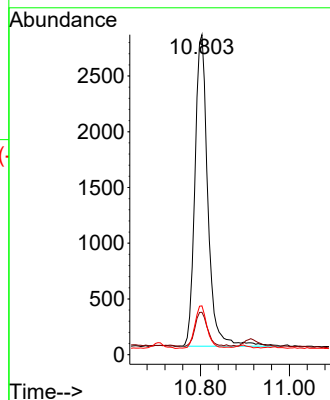
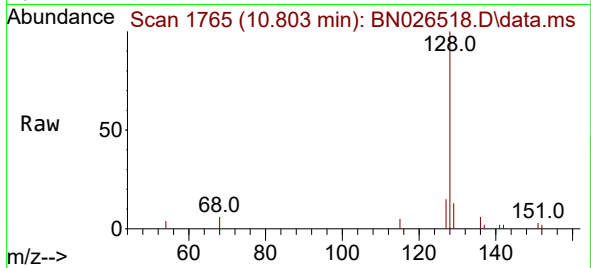




#5
Naphthalene
Concen: 0.215 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

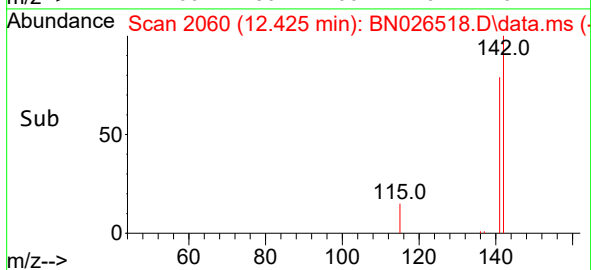
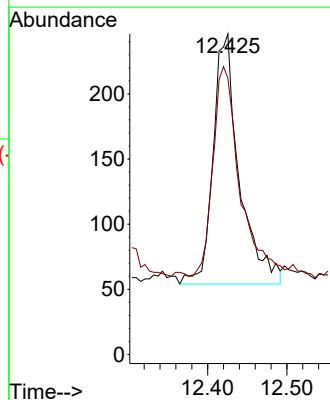
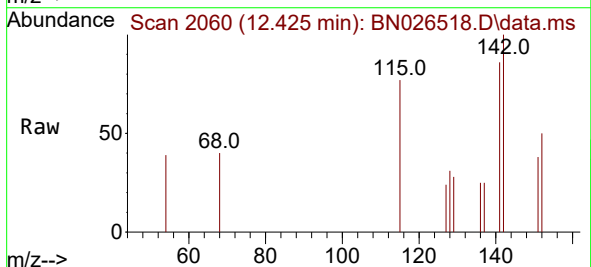
Instrument :
BNA_N
ClientSampleId :
A4639

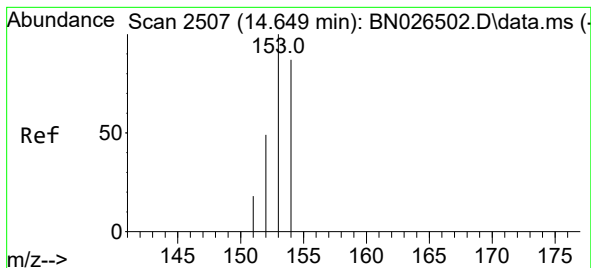
Tgt Ion:128 Resp: 5627
Ion Ratio Lower Upper
128 100
129 13.3 10.2 15.2
127 15.3 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 85.0 72.3 108.5





#11

Acenaphthene

Concen: 0.390 ng/ul

RT: 14.700 min Scan# 21

Delta R.T. 0.051 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

A4639

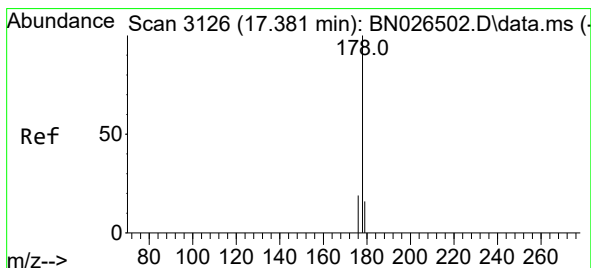
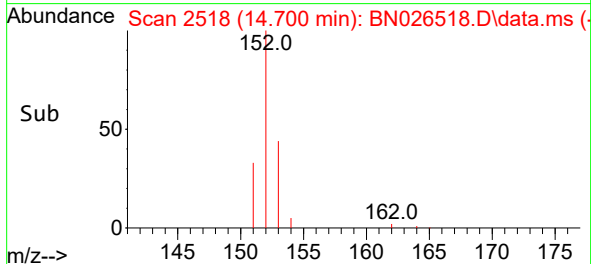
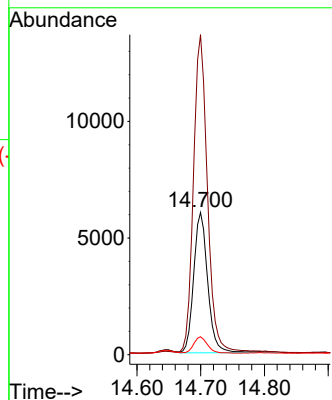
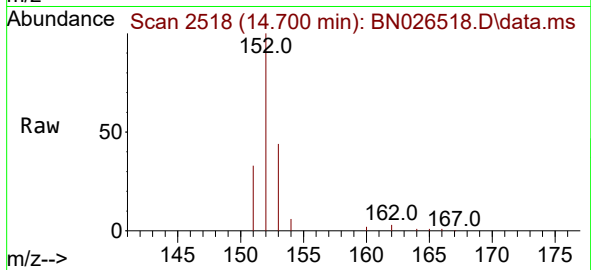
Tgt Ion:153 Resp: 9195

Ion Ratio Lower Upper

153 100

152 224.9 40.2 60.4#

154 12.6 69.3 103.9#



#15

Phenanthrene

Concen: 0.110 ng/ul

RT: 17.368 min Scan# 3123

Delta R.T. -0.013 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

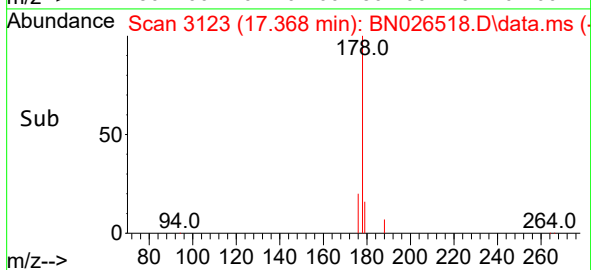
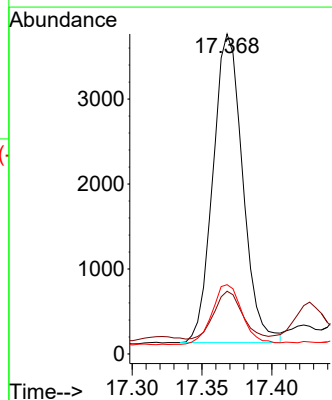
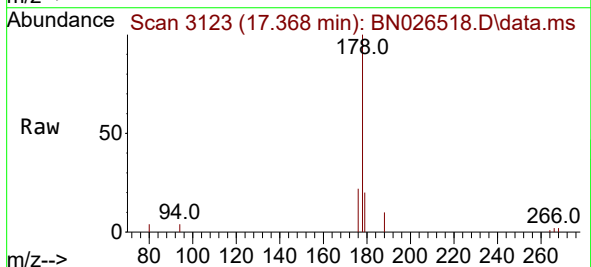
Tgt Ion:178 Resp: 5378

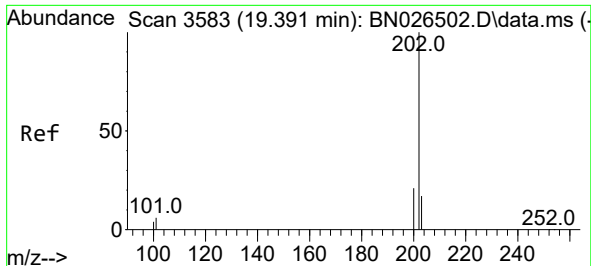
Ion Ratio Lower Upper

178 100

179 19.6 13.7 20.5

176 21.7 16.5 24.7

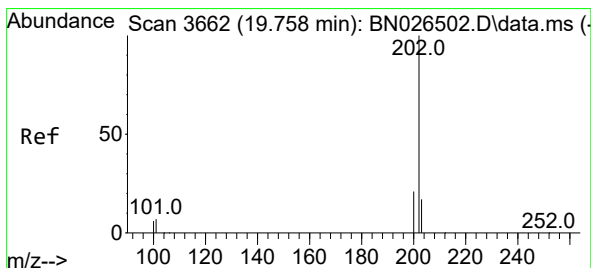
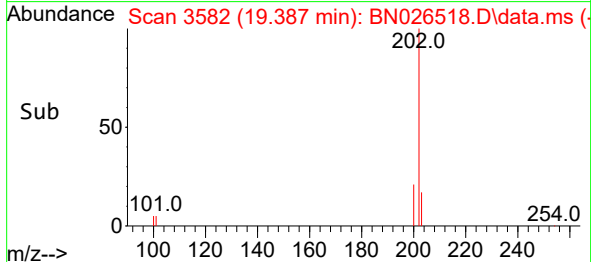
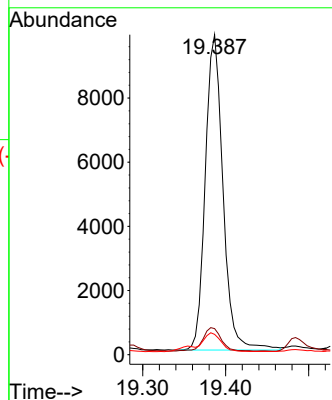
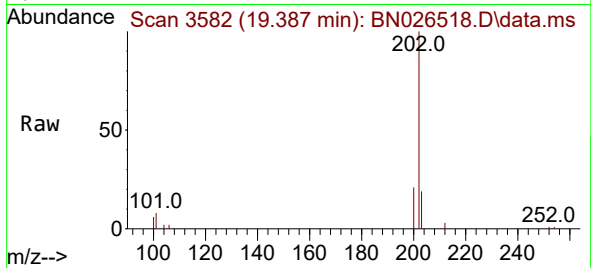




#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.387 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

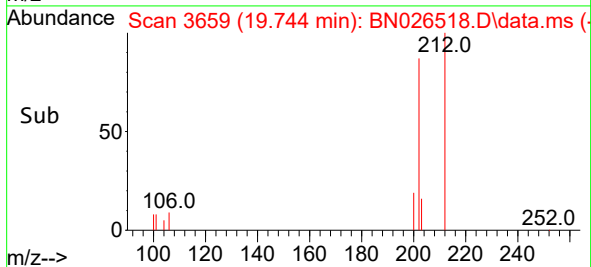
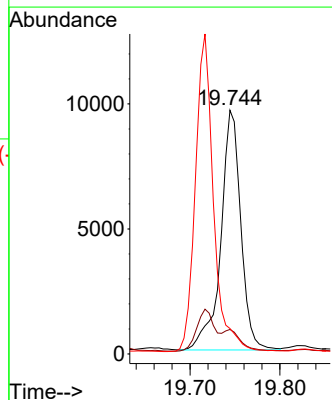
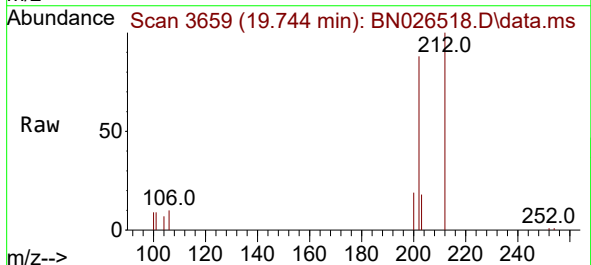
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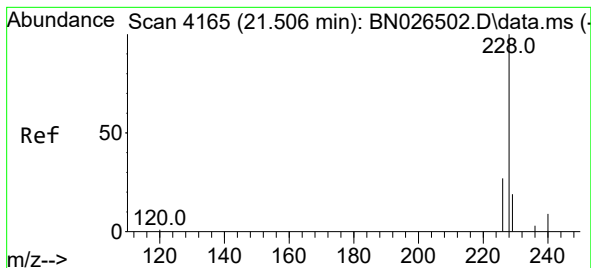
Tgt Ion:202 Resp: 14624
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.4
100 6.4 6.0 9.0



#20
Pyrene
Concen: 0.232 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

Tgt Ion:202 Resp: 14810
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 10.4 6.2 9.2#





#21

Benzo(a)anthracene

Concen: 0.147 ng/ul

RT: 21.503 min Scan# 4165

Delta R.T. -0.003 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

A4639

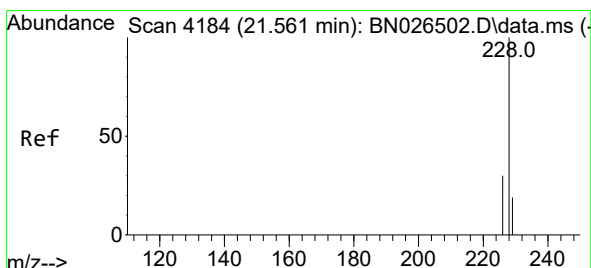
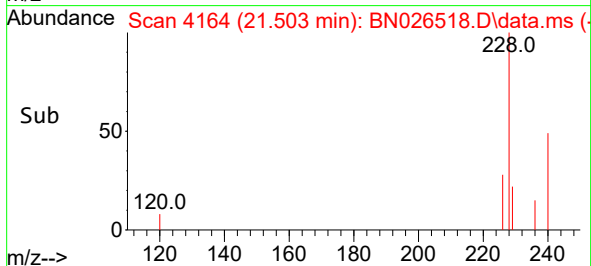
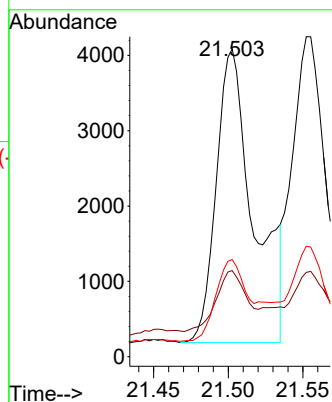
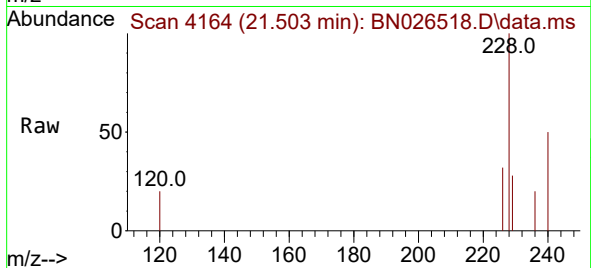
Tgt Ion:228 Resp: 6746

Ion Ratio Lower Upper

228 100

229 28.0 16.7 25.1#

226 31.6 23.5 35.3



#22

Chrysene

Concen: 0.125 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.009 min

Lab File: BN026518.D

Acq: 15 Jul 2023 18:44

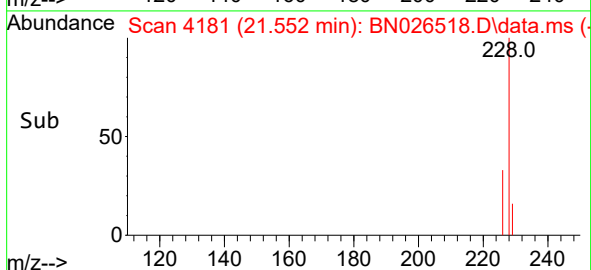
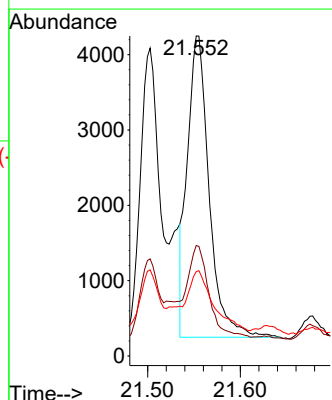
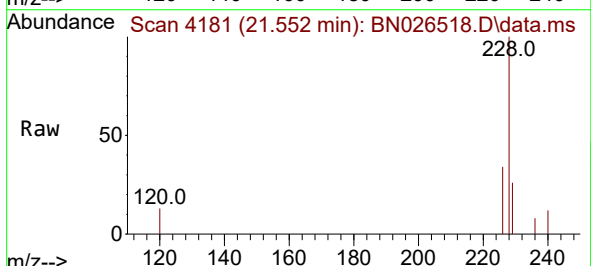
Tgt Ion:228 Resp: 6541

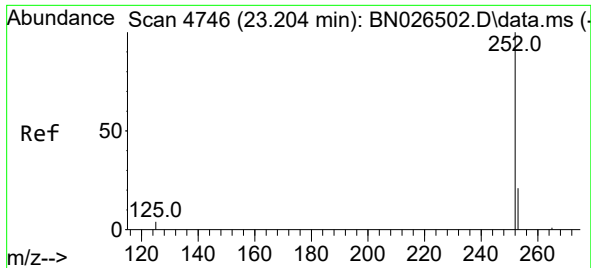
Ion Ratio Lower Upper

228 100

226 34.5 25.2 37.8

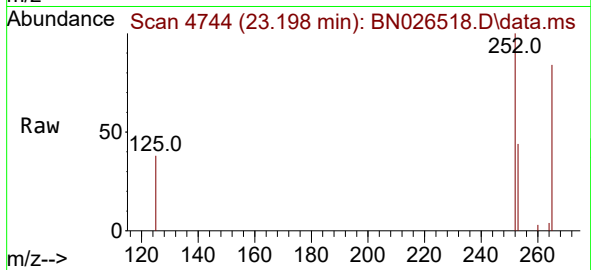
229 26.4 16.4 24.6#



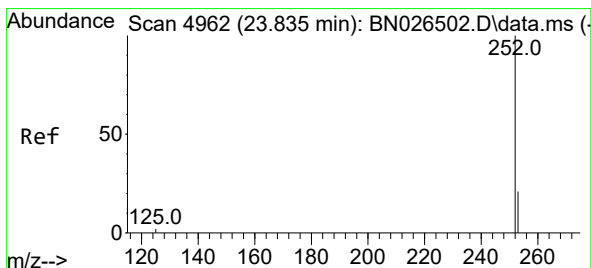
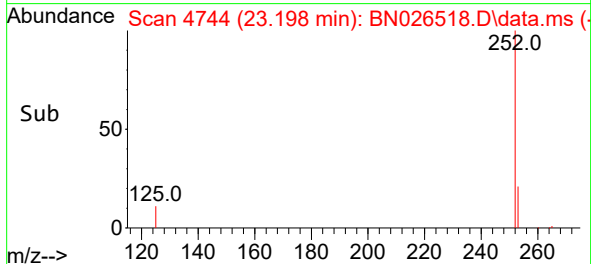
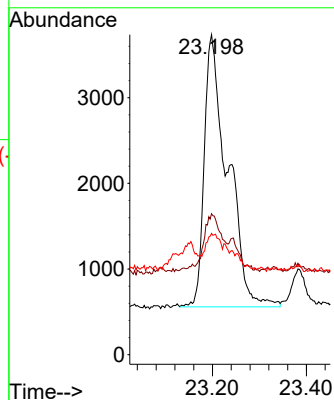


#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 23.198 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

Instrument :
BNA_N
ClientSampleId :
A4639

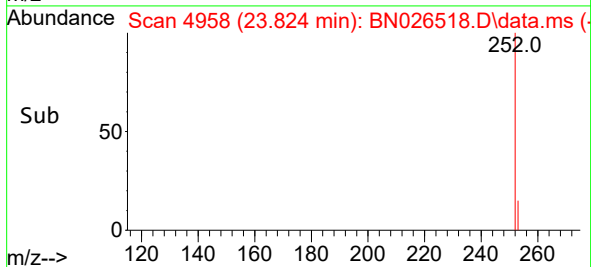
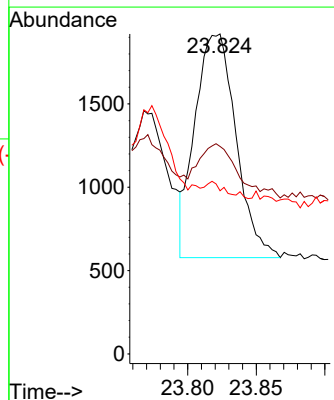
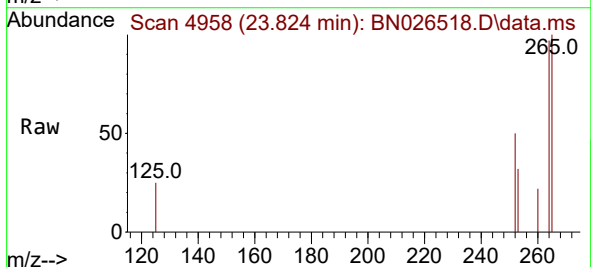


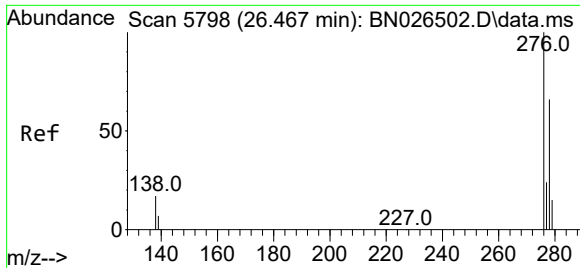
Tgt Ion:252 Resp: 10948
Ion Ratio Lower Upper
252 100
253 44.0 0.0 68.6
125 37.9 0.0 34.0#



#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.012 min
Lab File: BN026518.D
Acq: 15 Jul 2023 18:44

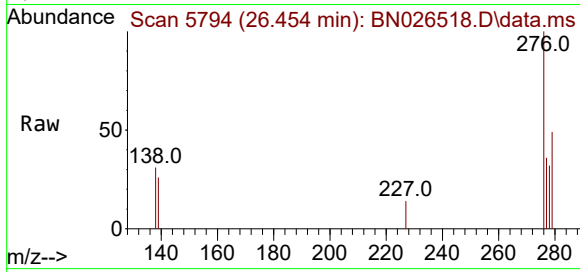
Tgt Ion:252 Resp: 2791
Ion Ratio Lower Upper
252 100
253 64.8 32.6 49.0#
125 51.0 19.3 28.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng/ul
 RT: 26.454 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN026518.D
 Acq: 15 Jul 2023 18:44

Instrument :
 BNA_N
 ClientSampleId :
 A4639



Tgt Ion: 276 Resp: 3024
 Ion Ratio Lower Upper
 276 100
 138 17.9 22.2 33.4#
 227 0.0 0.1 0.1#

