

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026953.D
 Acq On : 18 Aug 2023 10:38
 Operator : MA/JU
 Sample : 03970-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H5

Quant Time: Aug 18 11:26:08 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 16 00:50:05 2023
 Response via : Initial Calibration

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

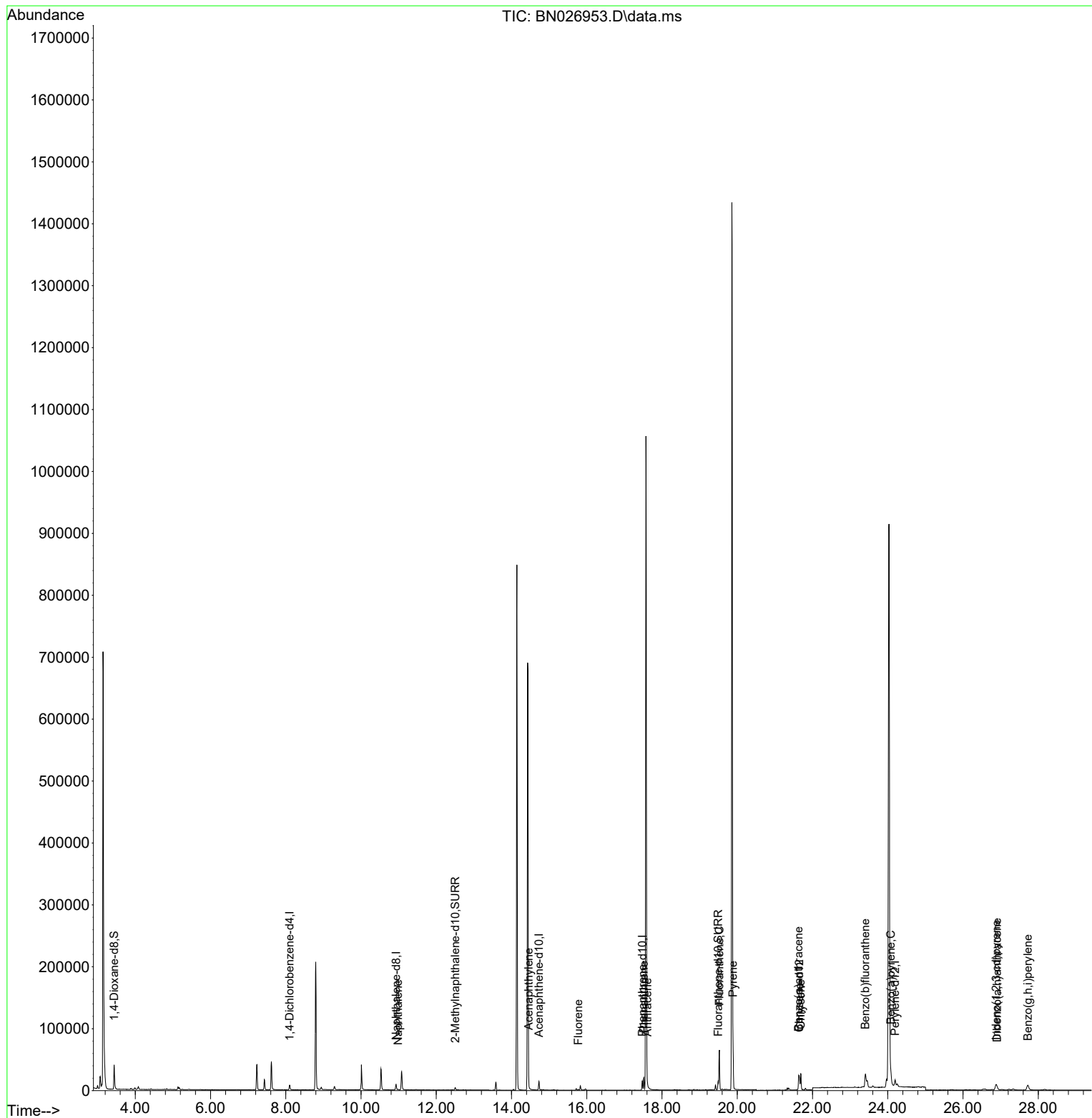
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	3834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	7666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	17507	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	14827	0.400	ng/ul	#-0.01
23) Perylene-d12	24.193	264	16209	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	28066	6.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.505	152	5287	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	14986	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	1298	0.037	ng/ul#	78
10) Acenaphthylene	14.457	152	1705	0.040	ng/ul#	87
12) Fluorene	15.776	166	713	0.021	ng/ul#	95
15) Phenanthrene	17.519	178	21457	0.373	ng/ul	100
16) Anthracene	17.611	178	4057	0.078	ng/ul#	93
19) Fluoranthene	19.524	202	55411	0.900	ng/ul	100
20) Pyrene	19.887	202	51981	0.791	ng/ul	99
21) Benzo(a)anthracene	21.632	228	21201	0.360	ng/ul	98
22) Chrysene	21.688	228	29004	0.498	ng/ul	98
24) Benzo(b)fluoranthene	23.407	252	56565	0.923	ng/ul	95
26) Benzo(a)pyrene	24.079	252	25595	0.463	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.881	276	19779	0.273	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.907	278	4116	0.071	ng/ul#	69
29) Benzo(g,h,i)perylene	27.722	276	19903	0.330	ng/ul	97

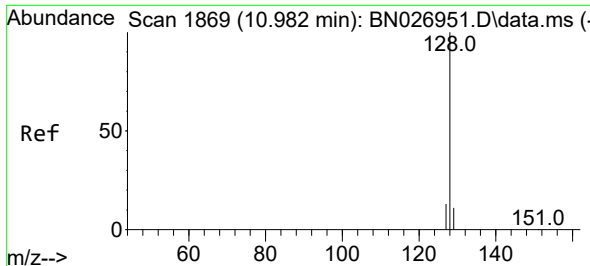
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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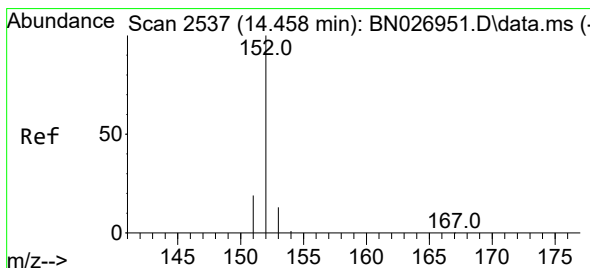
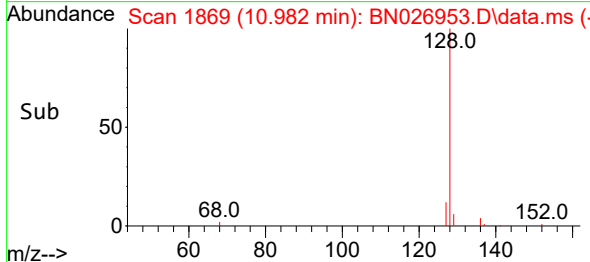
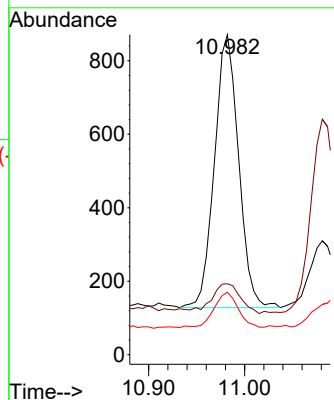
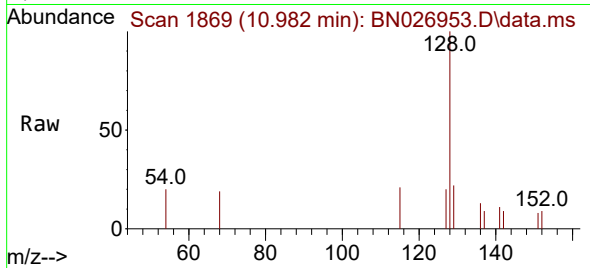




#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

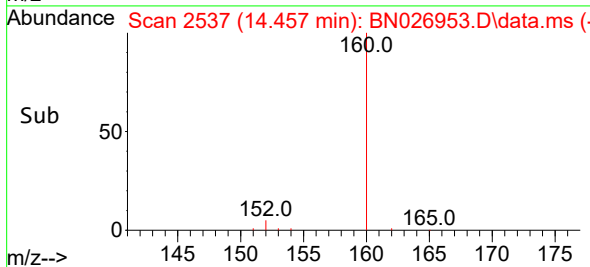
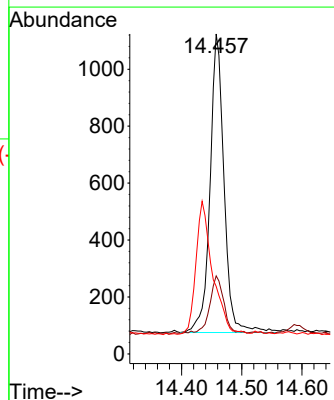
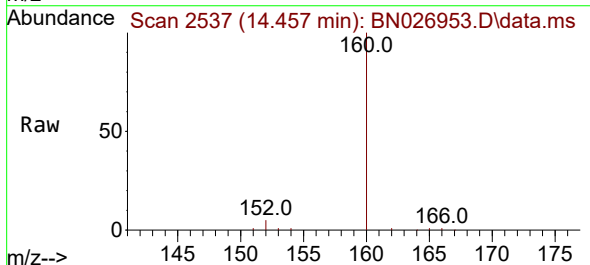
Instrument :
BNA_N
ClientSampleId :
A48H5

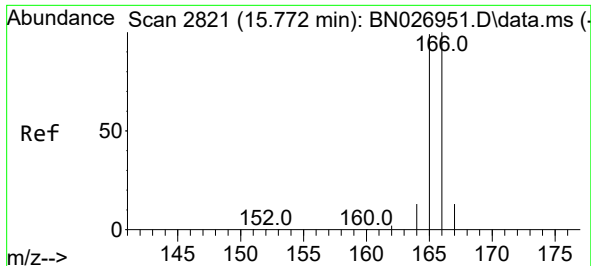
Tgt Ion:128 Resp: 1298
Ion Ratio Lower Upper
128 100
129 22.2 9.2 13.8#
127 19.5 10.5 15.7#



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.457 min Scan# 2537
Delta R.T. -0.005 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

Tgt Ion:152 Resp: 1705
Ion Ratio Lower Upper
152 100
151 24.4 15.9 23.9#
153 21.1 11.0 16.6#

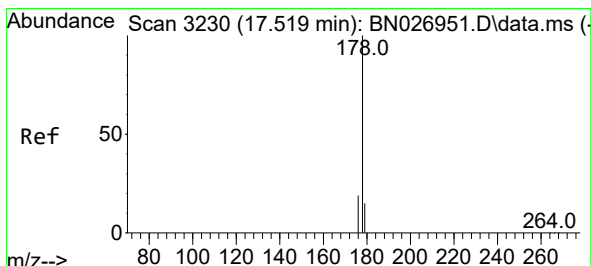
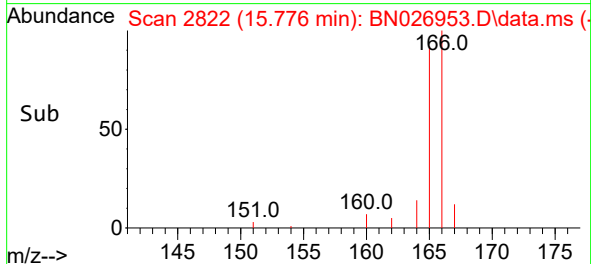
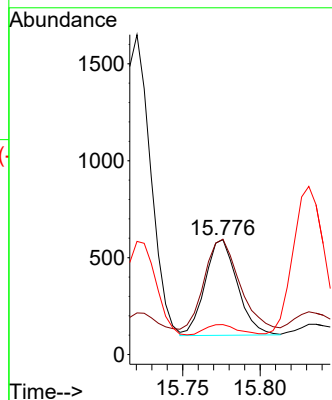
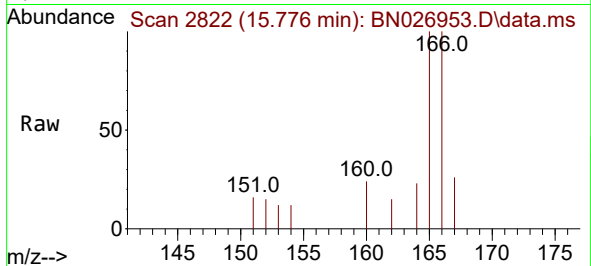




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.776 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

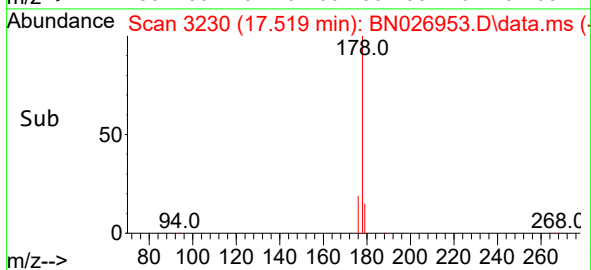
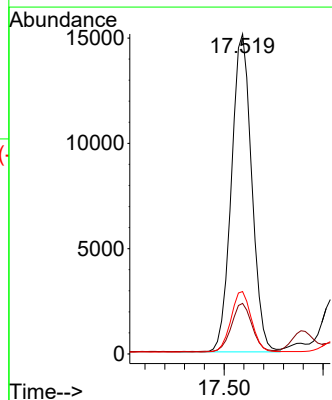
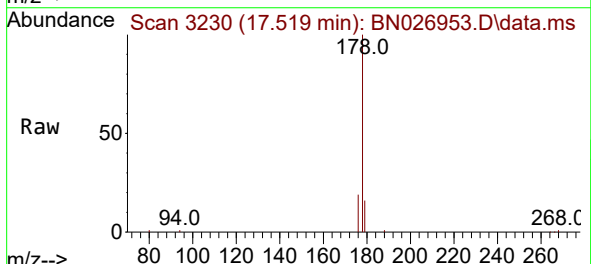
Instrument :
BNA_N
ClientSampleId :
A48H5

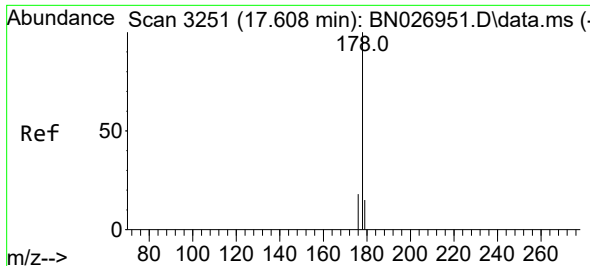
Tgt Ion:166 Resp: 713
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 26.1 11.4 17.0#



#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.004 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

Tgt Ion:178 Resp: 21457
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.4 23.2

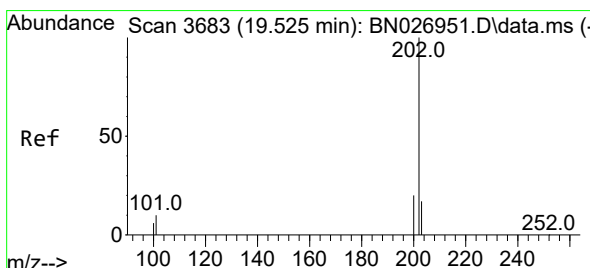
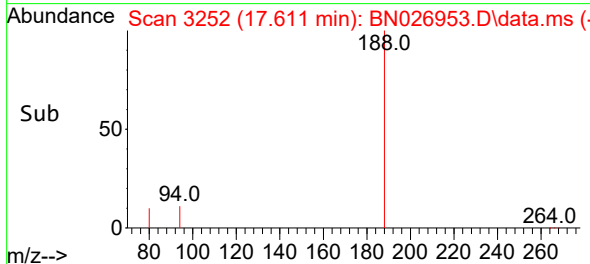
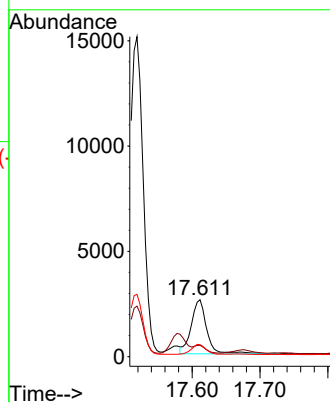
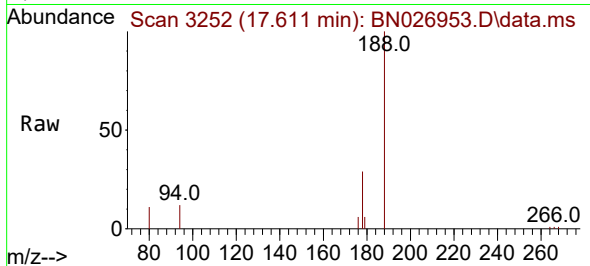




#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.611 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

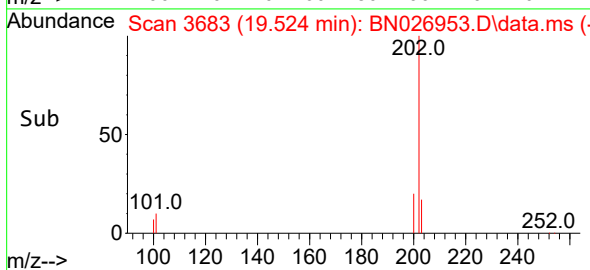
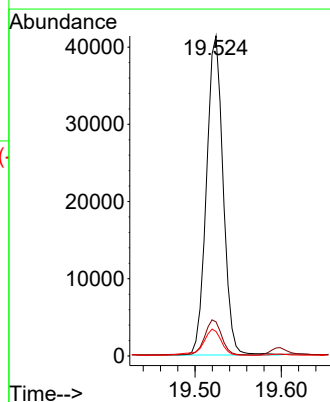
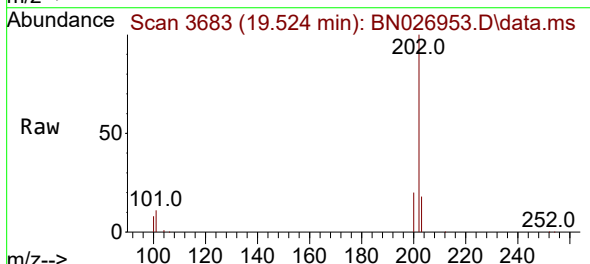
Instrument :
 BNA_N
 ClientSampleId :
 A48H5

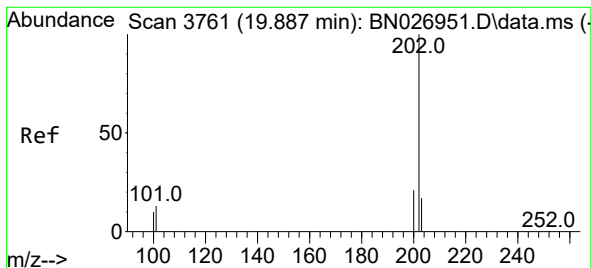
Tgt Ion:178 Resp: 4057
 Ion Ratio Lower Upper
 178 100
 179 20.0 12.6 19.0#
 176 21.2 15.0 22.6



#19
 Fluoranthene
 Concen: 0.900 ng/ul
 RT: 19.524 min Scan# 3683
 Delta R.T. -0.005 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

Tgt Ion:202 Resp: 55411
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.3 12.5
 100 7.7 6.2 9.2





#20

Pyrene

Concen: 0.791 ng/ul

RT: 19.887 min Scan# 3761

Delta R.T. -0.009 min

Lab File: BN026953.D

Acq: 18 Aug 2023 10:38

Instrument :

BNA_N

ClientSampleId :

A48H5

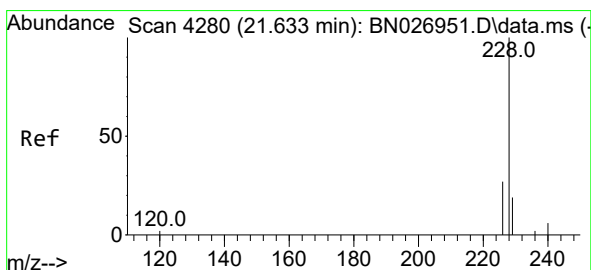
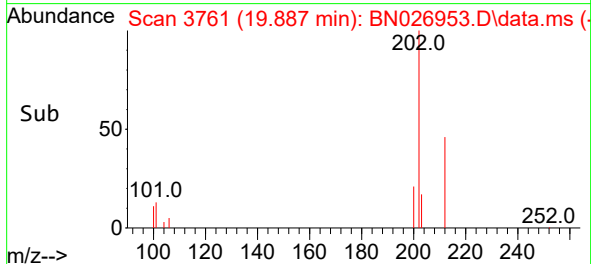
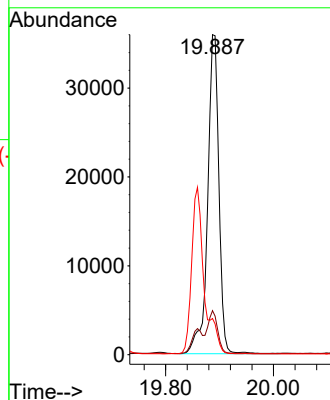
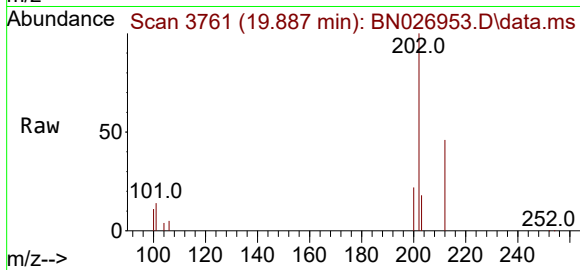
Tgt Ion:202 Resp: 51981

Ion Ratio Lower Upper

202 100

101 13.7 10.7 16.1

100 11.3 8.5 12.7



#21

Benzo(a)anthracene

Concen: 0.360 ng/ul

RT: 21.632 min Scan# 4280

Delta R.T. -0.009 min

Lab File: BN026953.D

Acq: 18 Aug 2023 10:38

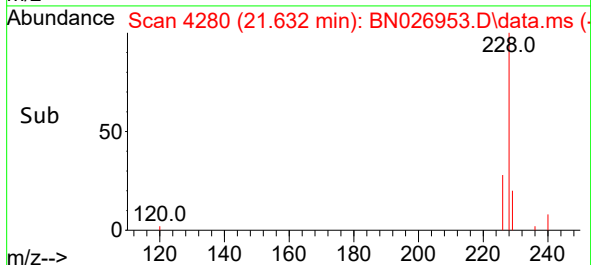
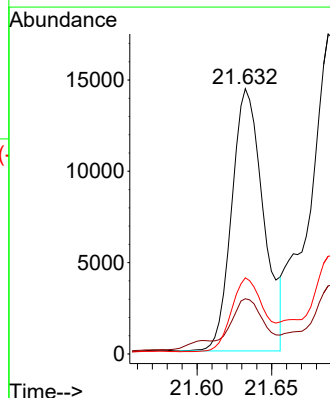
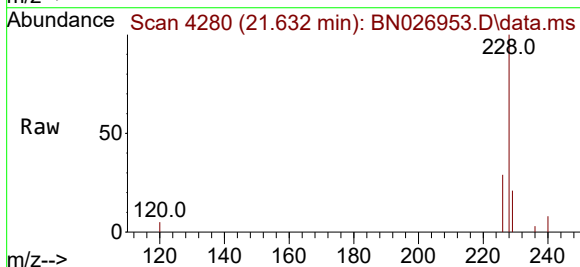
Tgt Ion:228 Resp: 21201

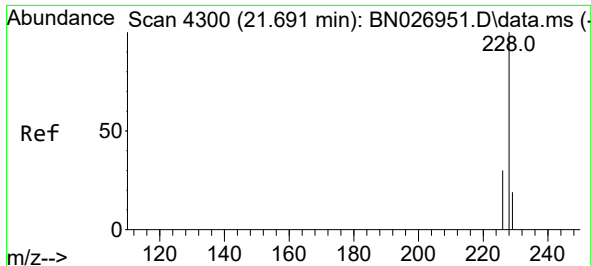
Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

226 28.7 22.2 33.2





#22

Chrysene

Concen: 0.498 ng/ul

RT: 21.688 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN026953.D

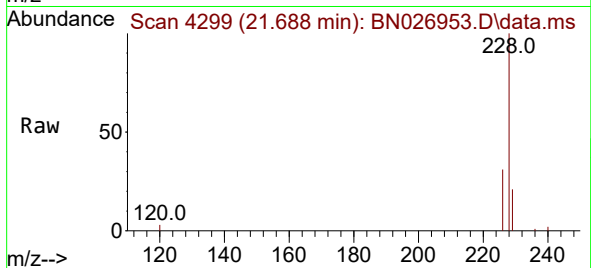
Acq: 18 Aug 2023 10:38

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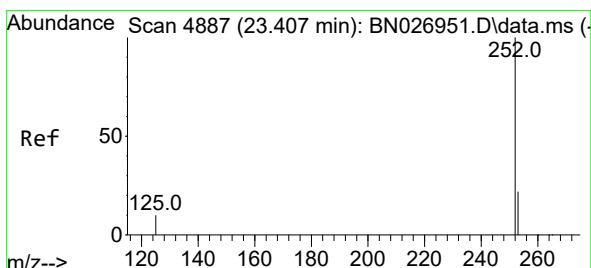
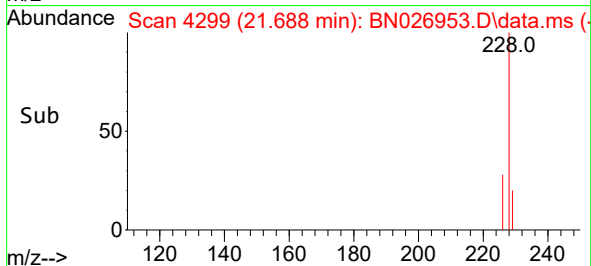
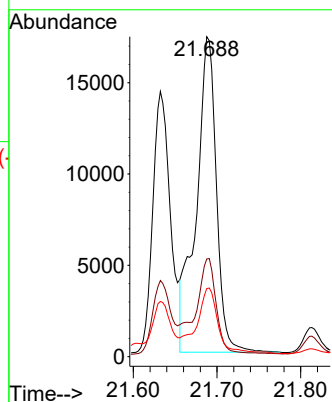
Tgt Ion:228 Resp: 29004

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 21.3 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.923 ng/ul

RT: 23.407 min Scan# 4887

Delta R.T. -0.015 min

Lab File: BN026953.D

Acq: 18 Aug 2023 10:38

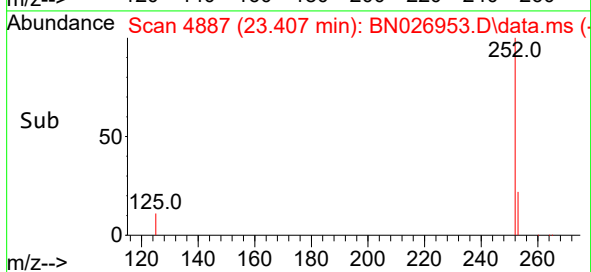
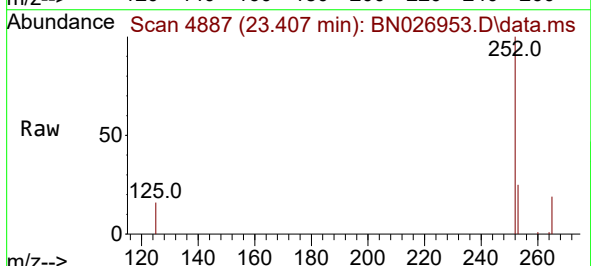
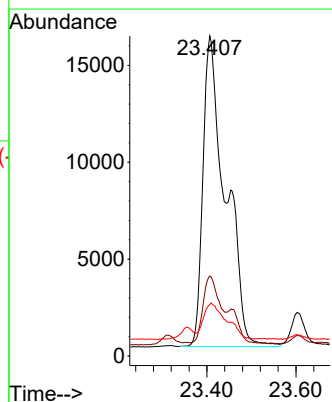
Tgt Ion:252 Resp: 56565

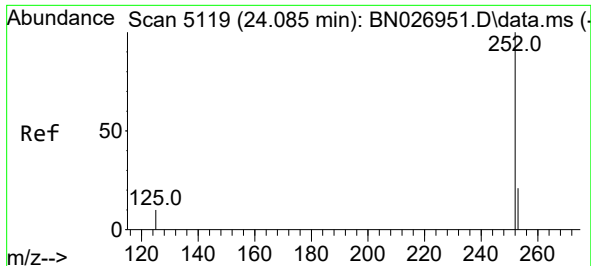
Ion Ratio Lower Upper

252 100

253 25.0 0.0 46.8

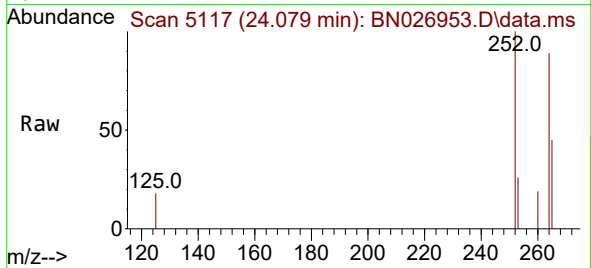
125 16.1 0.0 25.2



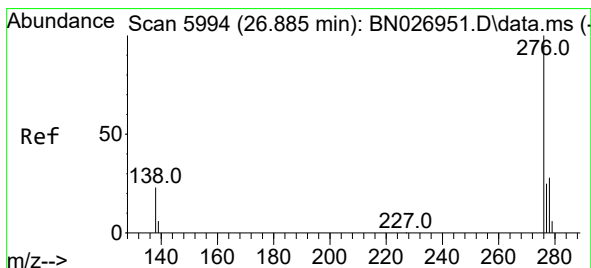
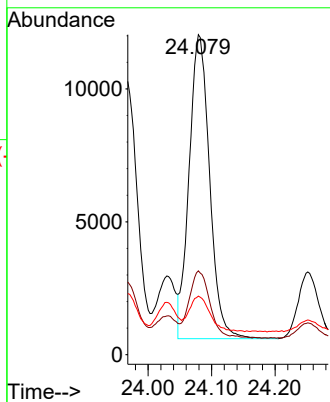
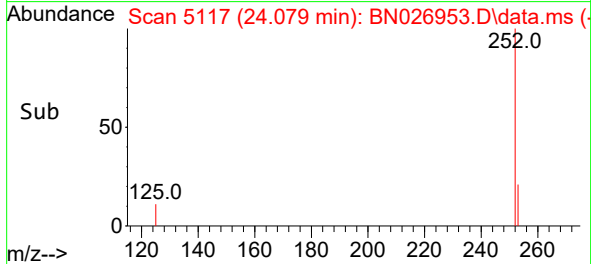


#26
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 24.079 min Scan# 5119
Delta R.T. -0.021 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

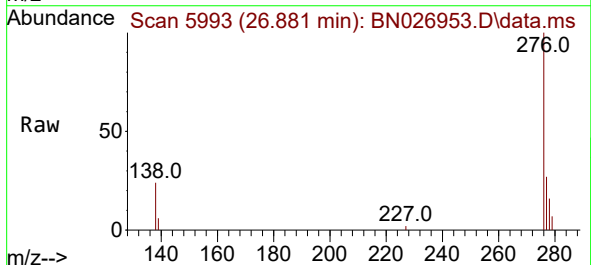
Instrument :
BNA_N
ClientSampleId :
A48H5



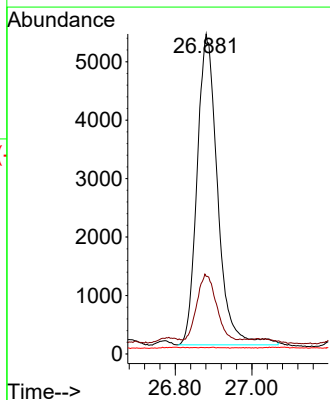
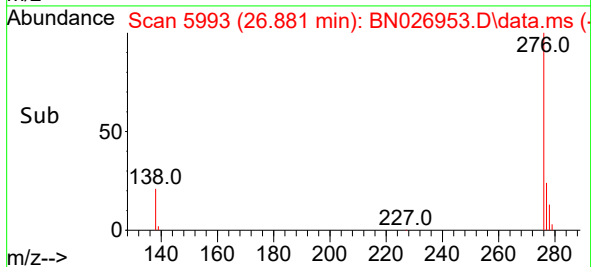
Tgt Ion:252 Resp: 25595
Ion Ratio Lower Upper
252 100
253 26.2 19.0 28.6
125 18.3 11.4 17.0#

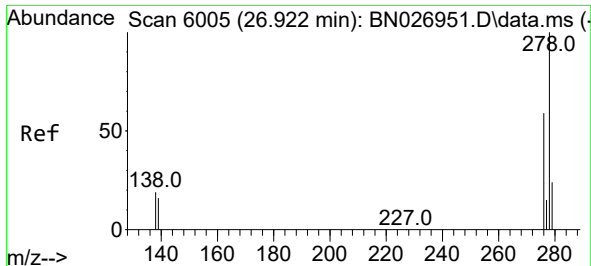


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.881 min Scan# 5993
Delta R.T. -0.027 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38



Tgt Ion:276 Resp: 19779
Ion Ratio Lower Upper
276 100
138 22.3 21.6 32.4
227 0.1 0.0 0.0#

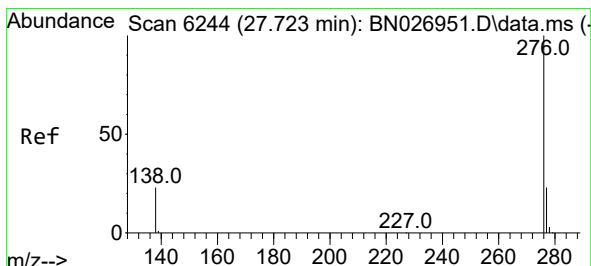
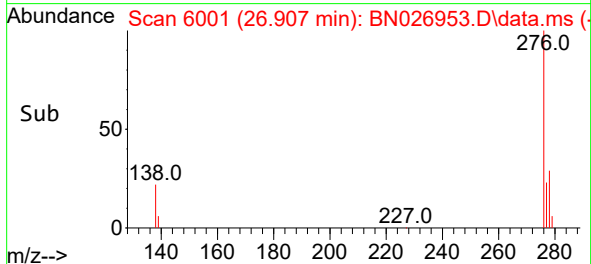
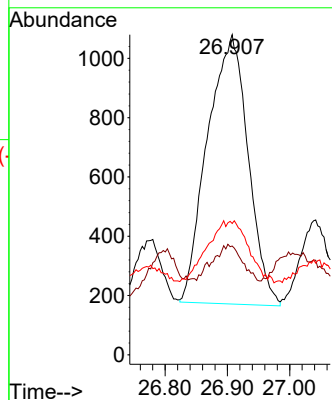
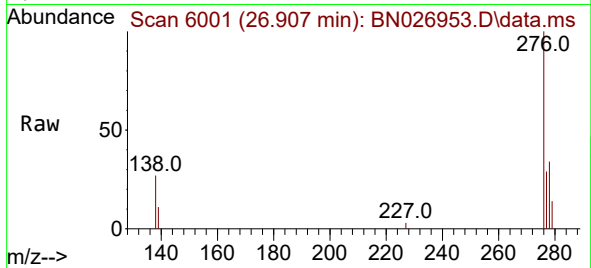




#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.907 min Scan# 6001
Delta R.T. -0.030 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

Instrument :
BNA_N
ClientSampleId :
A48H5

Tgt Ion:278 Resp: 4116
Ion Ratio Lower Upper
278 100
139 34.0 15.7 23.5#
279 41.0 20.2 30.4#



#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 27.722 min Scan# 6244
Delta R.T. -0.024 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

Tgt Ion:276 Resp: 19903
Ion Ratio Lower Upper
276 100
138 25.9 19.3 28.9
277 26.2 19.8 29.8

