

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030217.D
 Acq On : 03 Mar 2024 13:58
 Operator : MA/JU
 Sample : P1512-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0S99

Quant Time: Mar 03 22:53:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

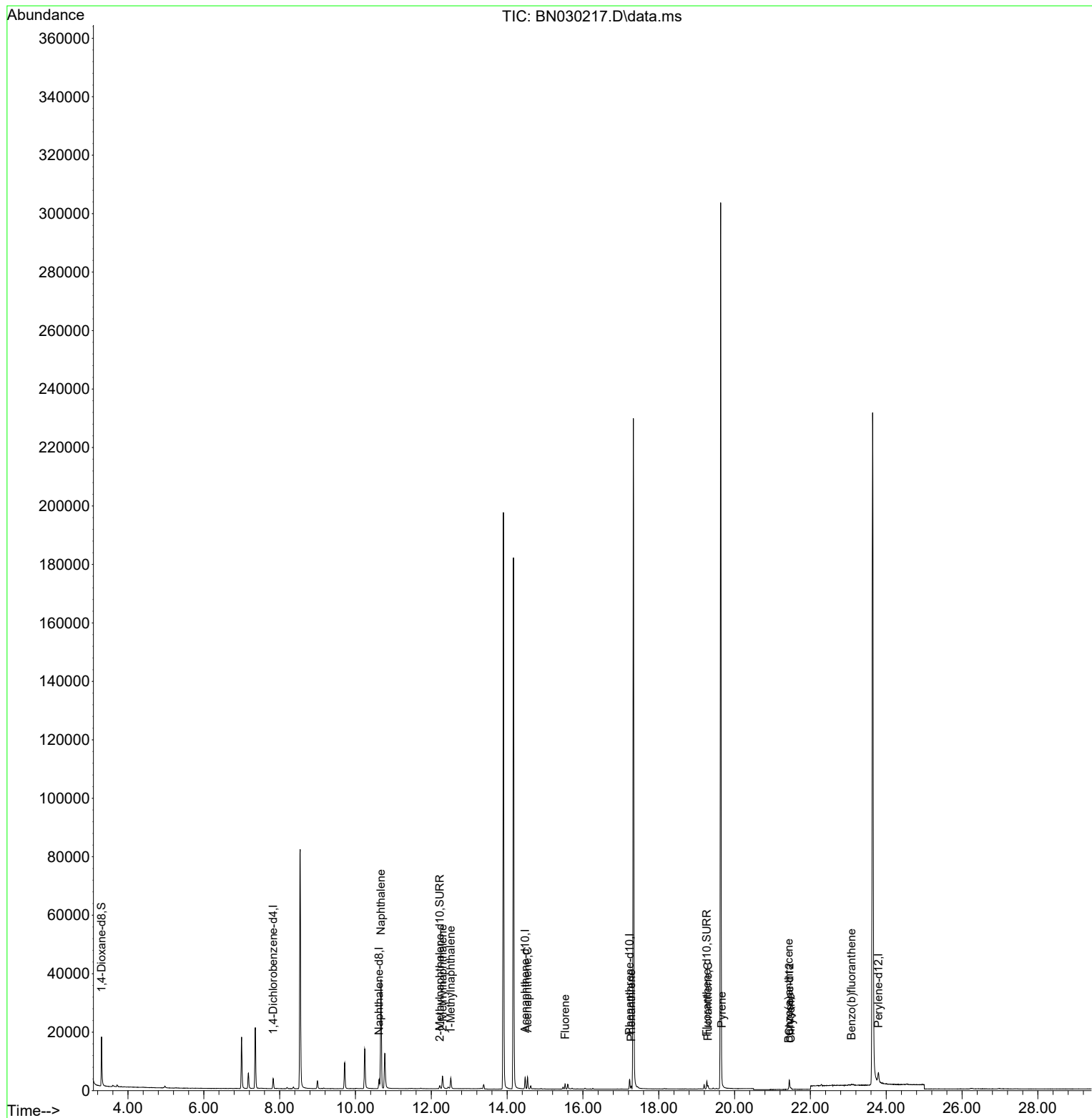
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	4523	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.474	164	2175	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.230	188	4316	0.400	ng/ul	-0.02
17) Chrysene-d12	21.444	240	3534	0.400	ng/ul	# 0.00
23) Perylene-d12	23.794	264	5763	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	11088	4.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1657	0.283	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	3156	0.274	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	52478	3.932	ng/ul	94
7) 2-Methylnaphthalene	12.300	142	3653	0.505	ng/ul	99
8) 1-Methylnaphthalene	12.515	142	2706	0.353	ng/ul	99
11) Acenaphthene	14.539	153	2389	0.268	ng/ul	97
12) Fluorene	15.529	166	1036	0.114	ng/ul#	98
15) Phenanthrene	17.272	178	1183	0.082	ng/ul#	88
19) Fluoranthene	19.300	202	931	0.059	ng/ul#	81
20) Pyrene	19.662	202	808	0.047	ng/ul#	64
21) Benzo(a)anthracene	21.427	228	352	0.028	ng/ul#	69
22) Chrysene	21.479	228	434	0.029	ng/ul#	69
24) Benzo(b)fluoranthene	23.084	252	990	0.045	ng/ul#	1

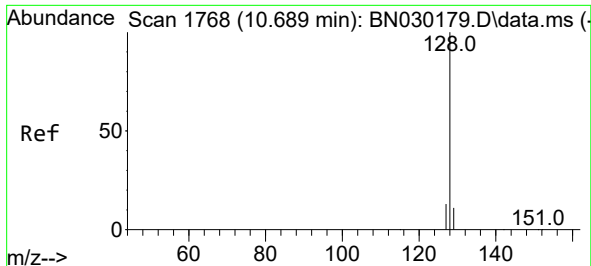
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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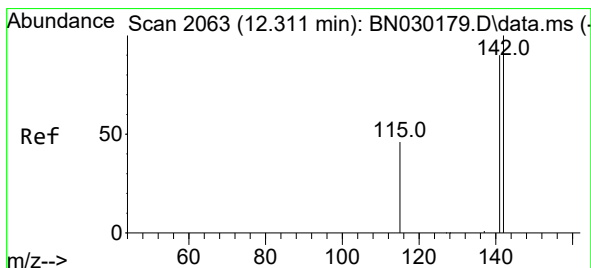
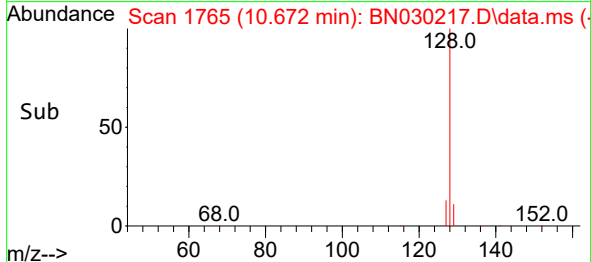
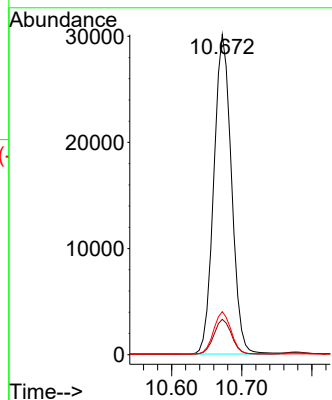
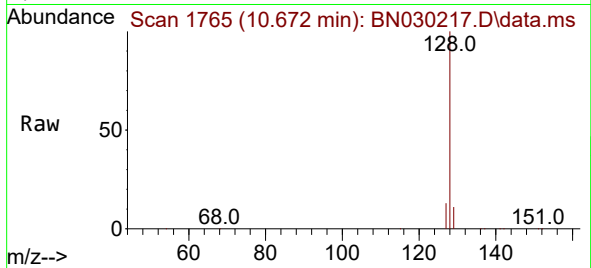




#5
Naphthalene
Concen: 3.932 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

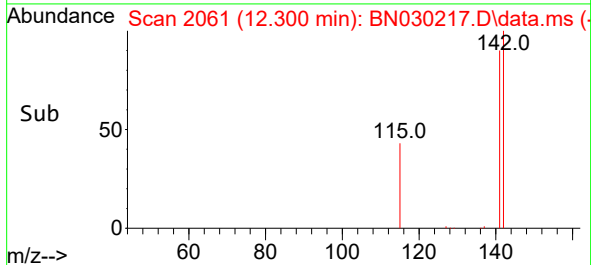
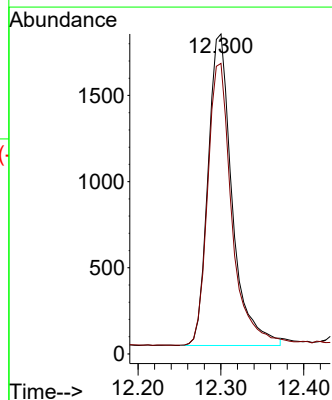
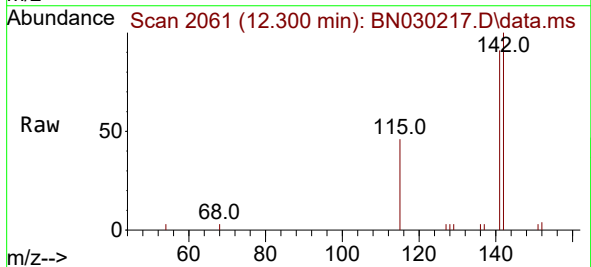
Instrument :
BNA_N
ClientSampleId :
E0S99

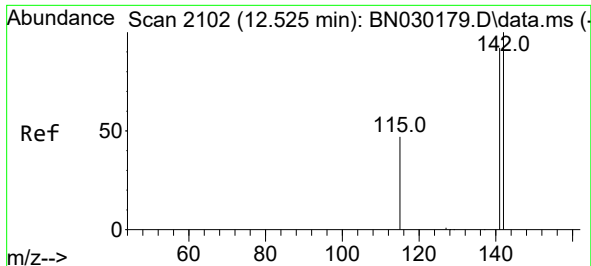
Tgt Ion:128 Resp: 52478
Ion Ratio Lower Upper
128 100
129 11.1 11.0 16.4
127 13.4 12.3 18.5



#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.011 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:142 Resp: 3653
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2

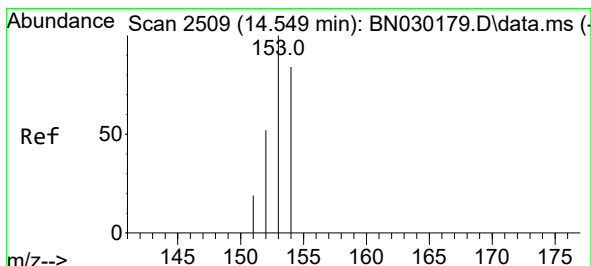
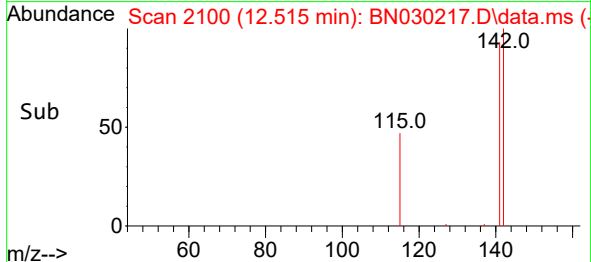
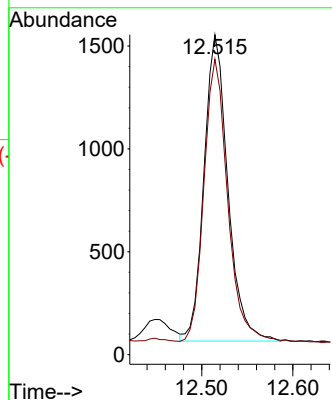
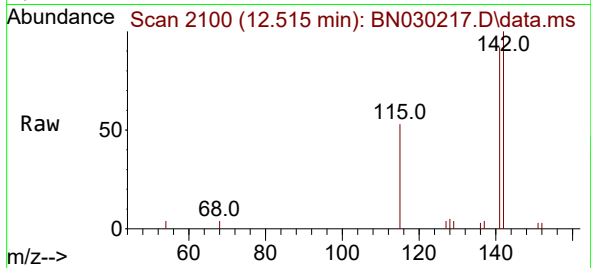




#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

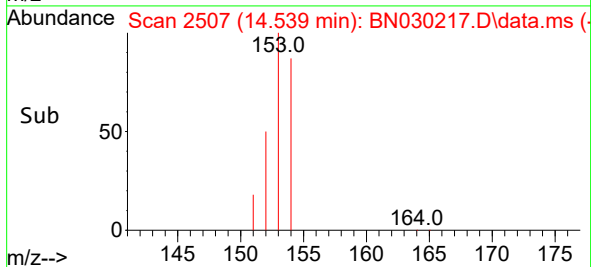
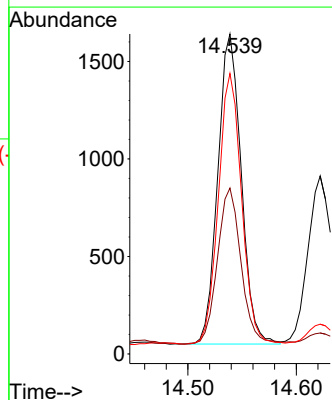
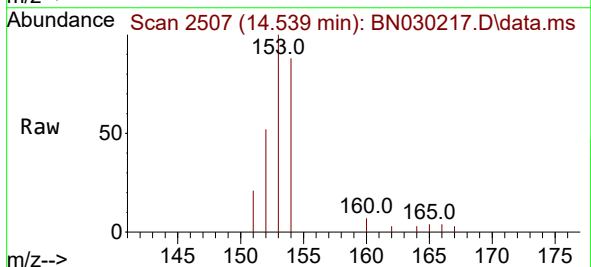
Instrument :
BNA_N
ClientSampleId :
E0S99

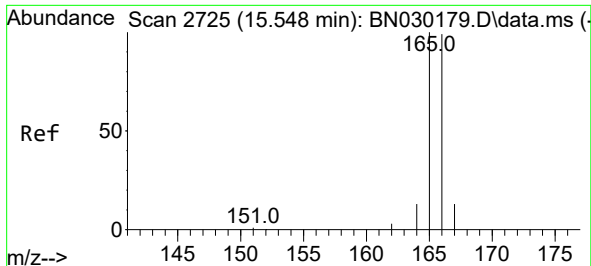
Tgt Ion:142 Resp: 2706
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.2



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:153 Resp: 2389
Ion Ratio Lower Upper
153 100
152 51.9 43.2 64.8
154 87.6 67.5 101.3

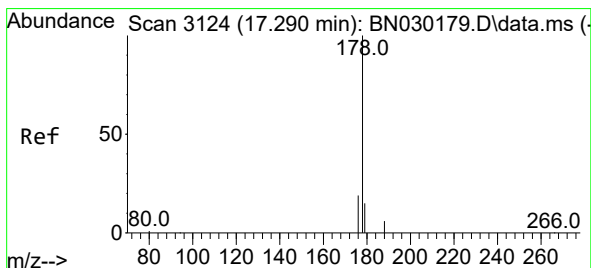
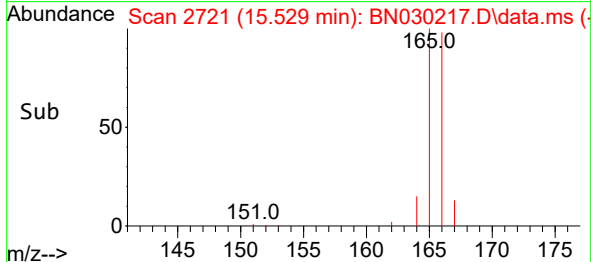
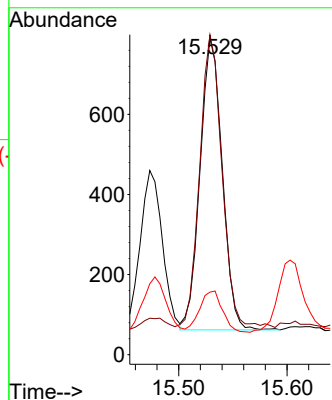
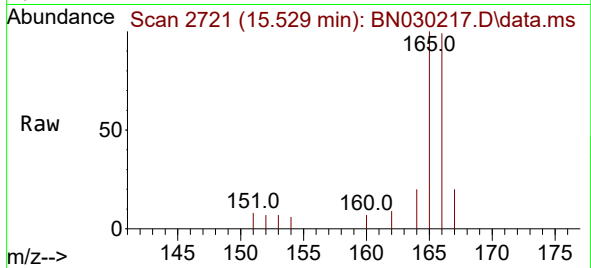




#12
Fluorene
Concen: 0.114 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

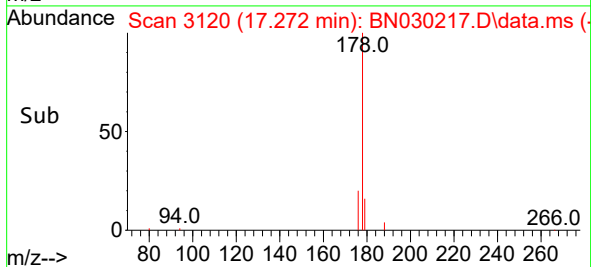
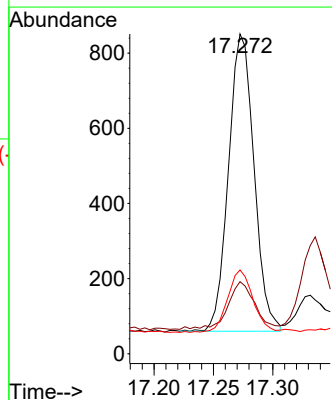
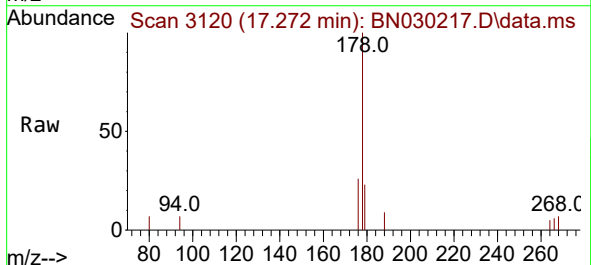
Instrument :
BNA_N
ClientSampleId :
E0S99

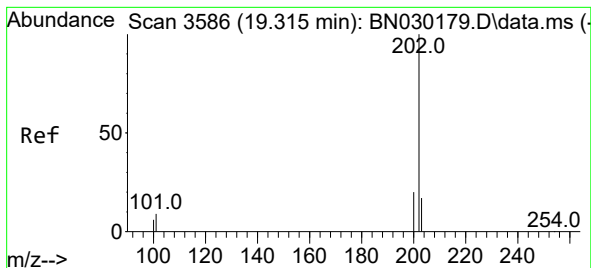
Tgt Ion:166 Resp: 1036
Ion Ratio Lower Upper
166 100
165 101.0 81.8 122.6
167 19.7 13.0 19.4#



#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.272 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BN030217.D
Acq: 03 Mar 2024 13:58

Tgt Ion:178 Resp: 1183
Ion Ratio Lower Upper
178 100
179 22.6 13.8 20.8#
176 26.2 16.6 25.0#





#19

Fluoranthene

Concen: 0.059 ng/ul

RT: 19.300 min Scan# 3586

Delta R.T. -0.015 min

Lab File: BN030217.D

Acq: 03 Mar 2024 13:58

Instrument :

BNA_N

ClientSampleId :

E0S99

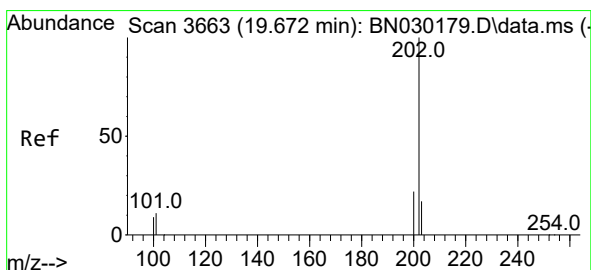
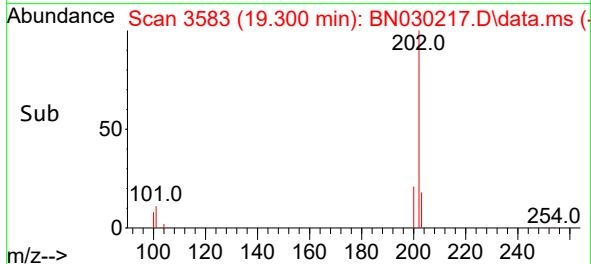
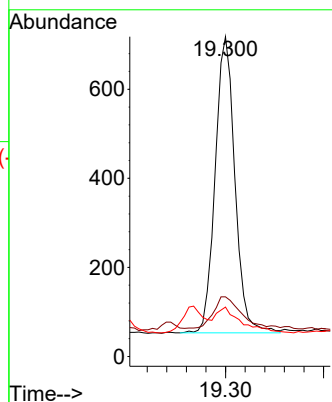
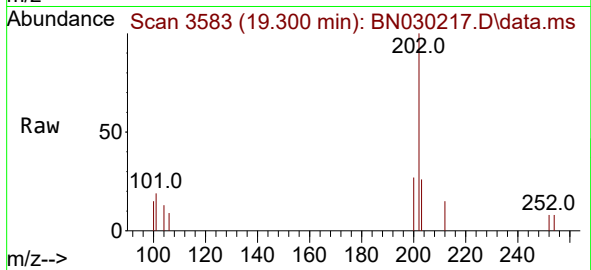
Tgt Ion:202 Resp: 931

Ion Ratio Lower Upper

202 100

101 18.7 8.8 13.2#

100 15.5 7.4 11.2#



#20

Pyrene

Concen: 0.047 ng/ul

RT: 19.662 min Scan# 3661

Delta R.T. -0.010 min

Lab File: BN030217.D

Acq: 03 Mar 2024 13:58

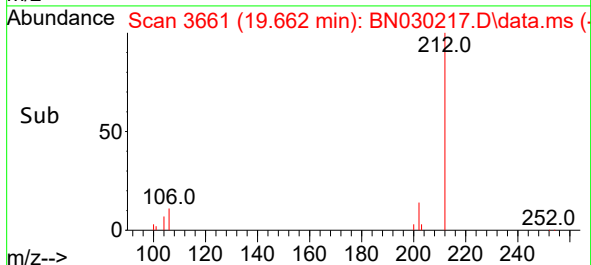
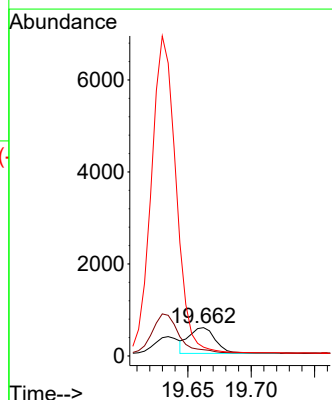
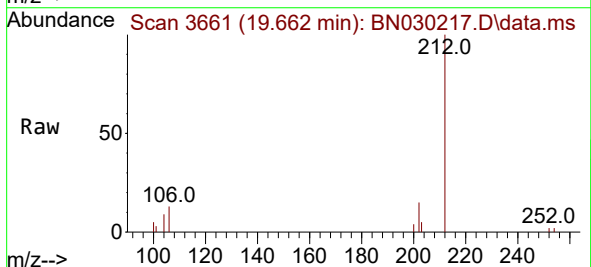
Tgt Ion:202 Resp: 808

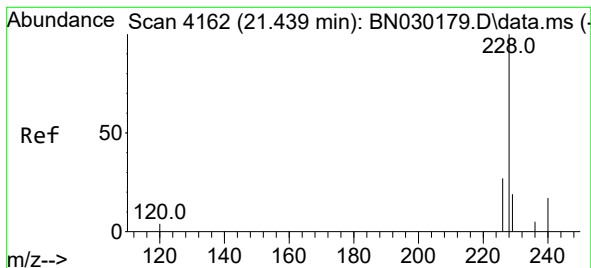
Ion Ratio Lower Upper

202 100

101 22.2 10.6 15.8#

100 30.8 8.8 13.2#





#21

Benzo(a)anthracene

Concen: 0.028 ng/ul

RT: 21.427 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BN030217.D

Acq: 03 Mar 2024 13:58

Instrument :

BNA_N

ClientSampleId :

E0S99

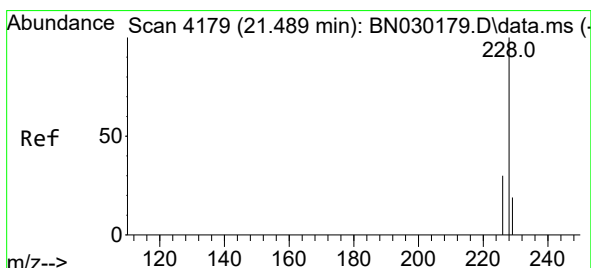
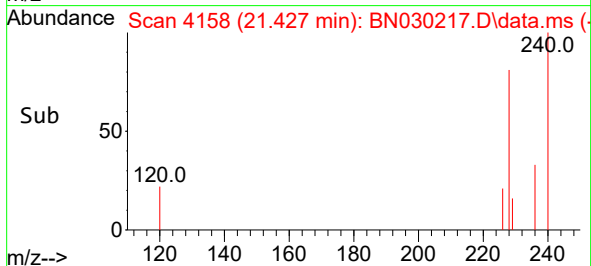
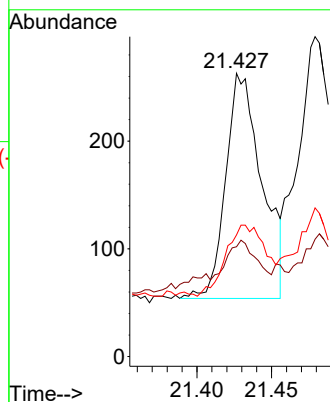
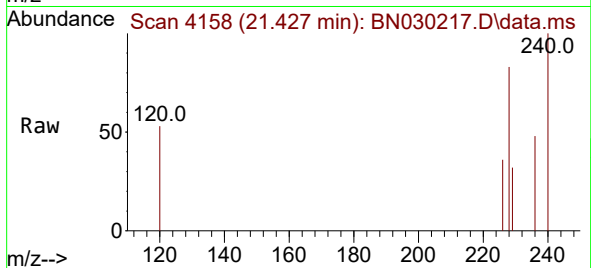
Tgt Ion:228 Resp: 352

Ion Ratio Lower Upper

228 100

229 38.8 16.6 24.8#

226 43.0 23.7 35.5#



#22

Chrysene

Concen: 0.029 ng/ul

RT: 21.479 min Scan# 4176

Delta R.T. -0.010 min

Lab File: BN030217.D

Acq: 03 Mar 2024 13:58

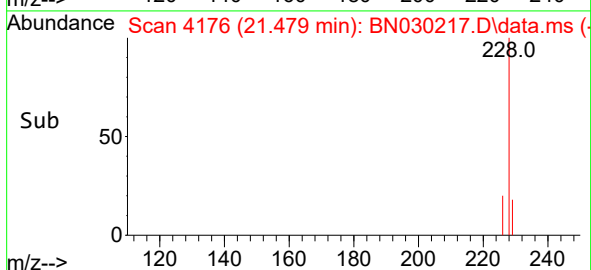
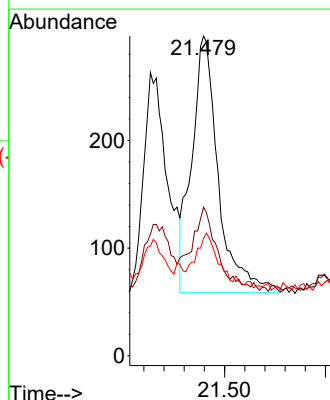
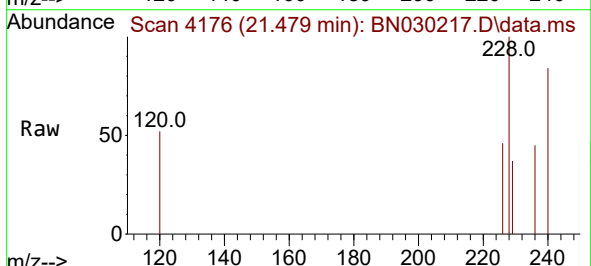
Tgt Ion:228 Resp: 434

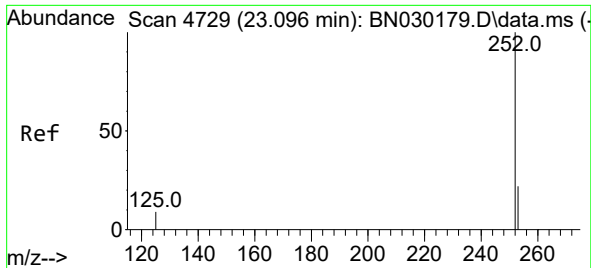
Ion Ratio Lower Upper

228 100

226 46.5 24.6 37.0#

229 36.7 16.6 24.8#





#24

Benzo(b)fluoranthene

Concen: 0.045 ng/ul

RT: 23.084 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN030217.D

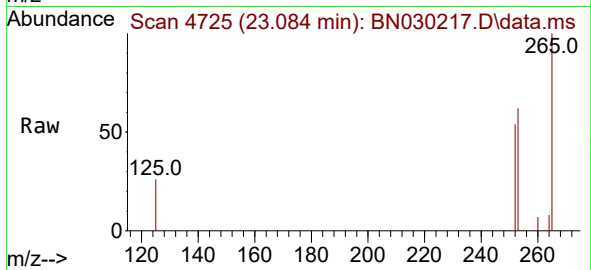
Acq: 03 Mar 2024 13:58

Instrument :

BNA_N

ClientSampleId :

E0S99



Tgt Ion:252 Resp: 990

Ion Ratio Lower Upper

252 100

253 115.5 0.0 69.4#

125 48.4 0.0 32.8#

