

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030214.D
 Acq On : 03 Mar 2024 12:10
 Operator : MA/JU
 Sample : P1512-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS96

Quant Time: Mar 03 22:52:28 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)

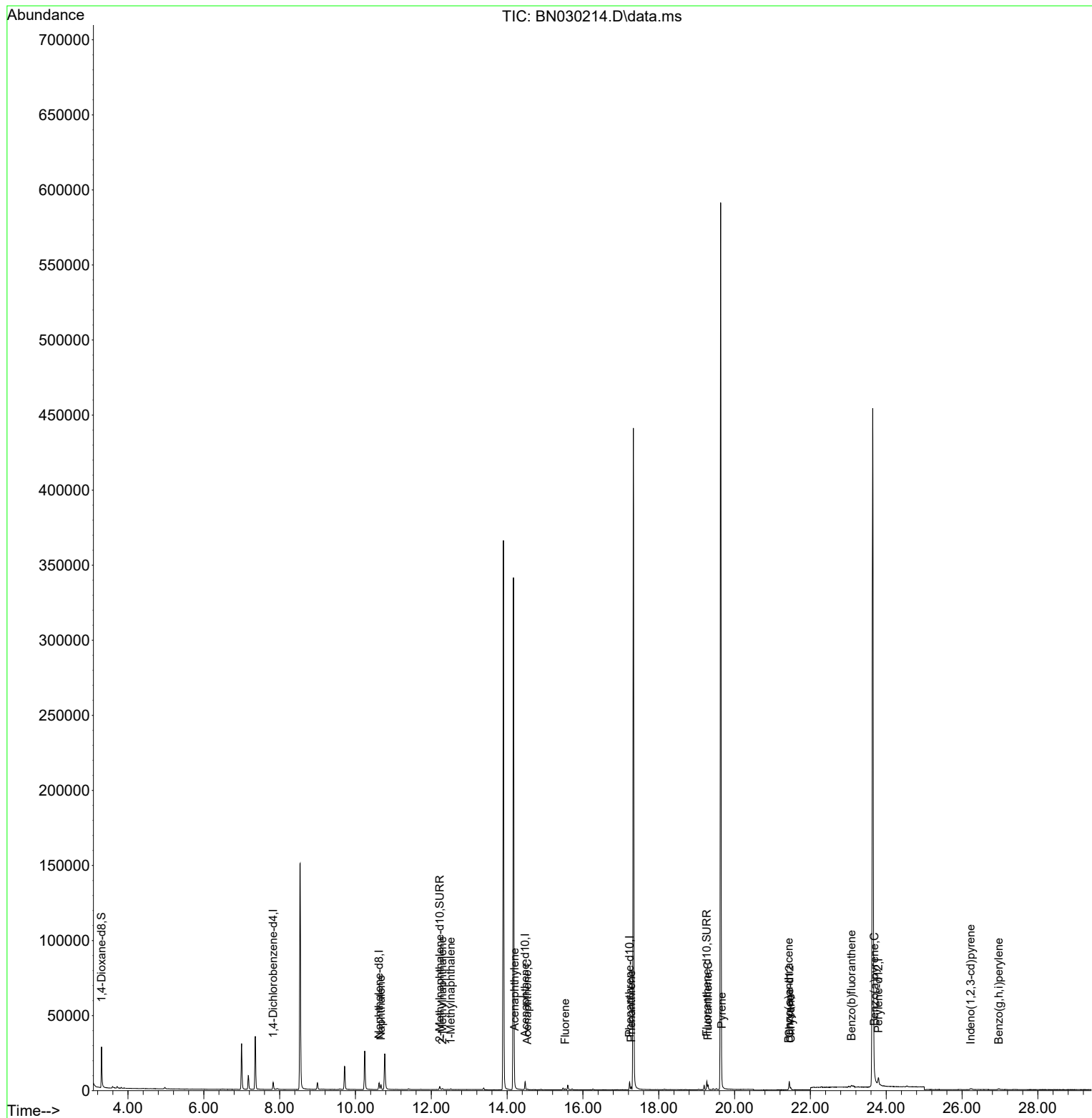
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	2299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	6163	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.474	164	3025	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.230	188	6192	0.400	ng/ul	-0.02
17) Chrysene-d12	21.444	240	5451	0.400	ng/ul	# 0.00
23) Perylene-d12	23.794	264	7981	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	17461	5.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	2972	0.373	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	6402	0.361	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	4450	0.245	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	502	0.051	ng/ul	98
8) 1-Methylnaphthalene	12.514	142	338	0.032	ng/ul	97
10) Acenaphthylene	14.196	152	408	0.024	ng/ul#	51
11) Acenaphthene	14.534	153	260	0.021	ng/ul	93
12) Fluorene	15.529	166	414	0.033	ng/ul#	95
15) Phenanthrene	17.272	178	1988	0.096	ng/ul	93
19) Fluoranthene	19.300	202	2709	0.112	ng/ul#	91
20) Pyrene	19.662	202	2424	0.092	ng/ul#	84
21) Benzo(a)anthracene	21.426	228	1292	0.067	ng/ul#	84
22) Chrysene	21.479	228	1215	0.052	ng/ul#	86
24) Benzo(b)fluoranthene	23.084	252	3041	0.099	ng/ul#	41
26) Benzo(a)pyrene	23.689	252	1246	0.040	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.229	276	1238	0.031	ng/ul#	49
29) Benzo(g,h,i)perylene	26.970	276	1321	0.036	ng/ul#	76

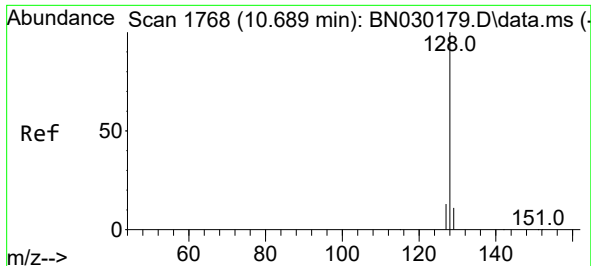
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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QLast Update : Sat Mar 02 16:09:30 2024
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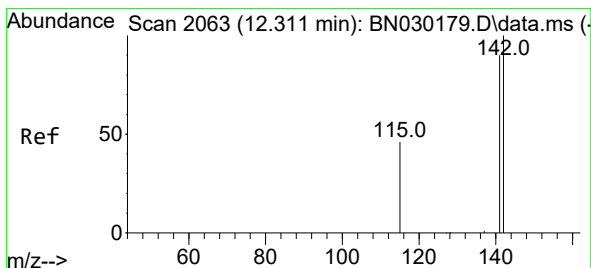
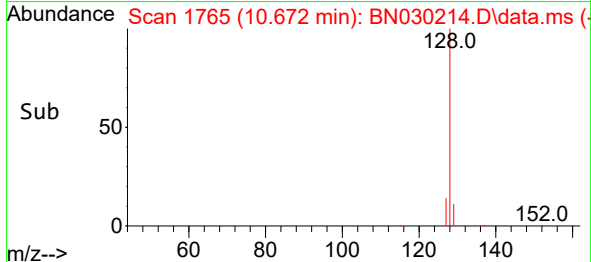
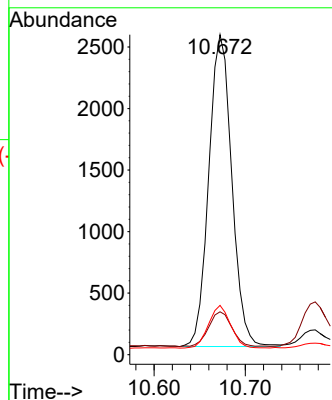
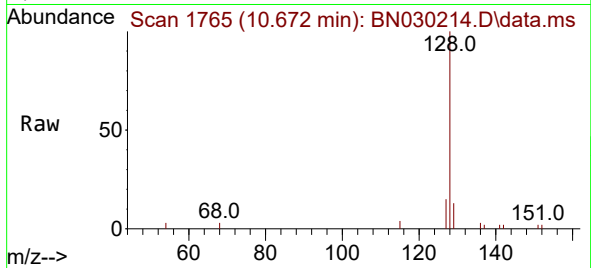




#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

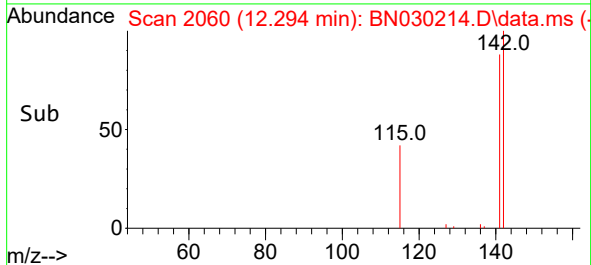
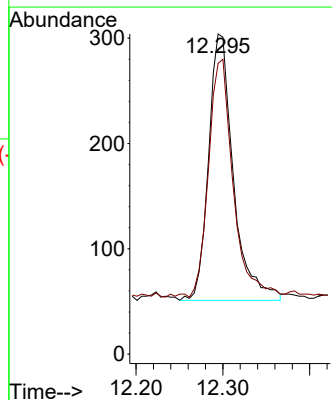
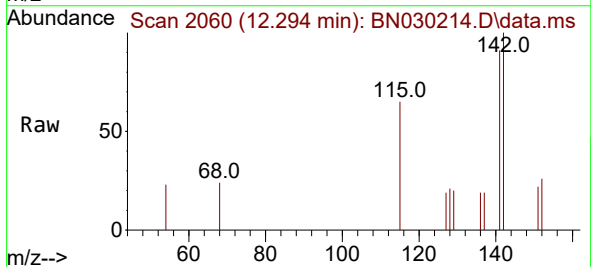
Instrument :
BNA_N
ClientSampleId :
E0S96

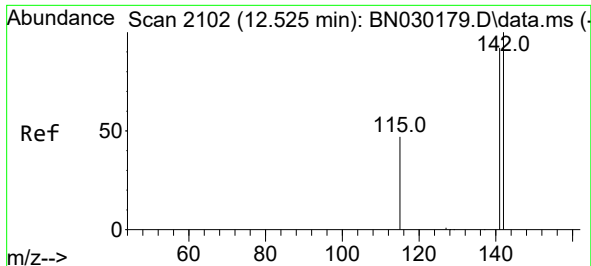
Tgt Ion:128 Resp: 4450
Ion Ratio Lower Upper
128 100
129 13.4 11.0 16.4
127 15.4 12.3 18.5



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.016 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Tgt Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2

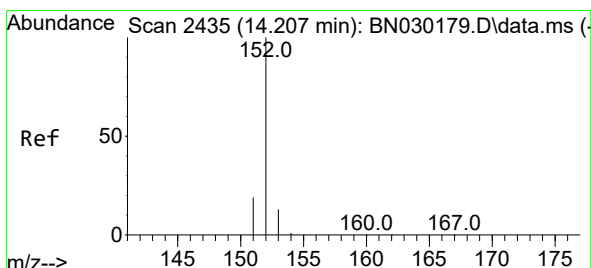
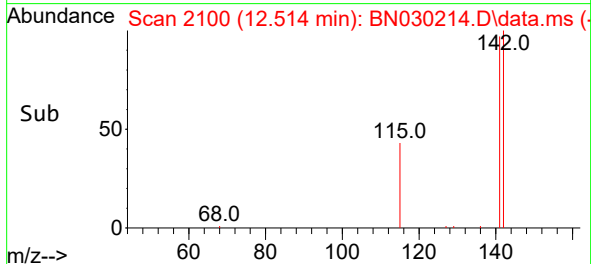
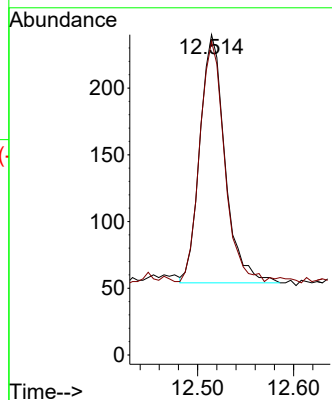
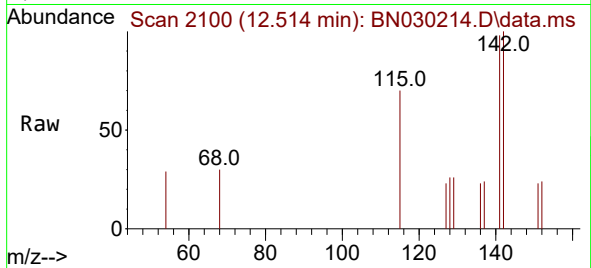




#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

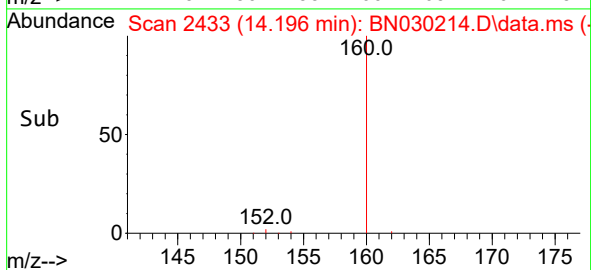
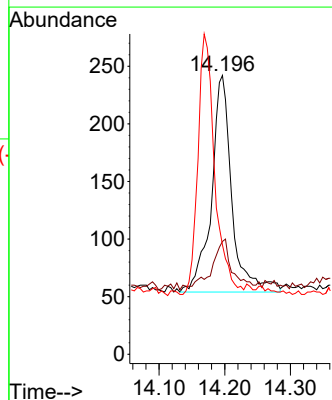
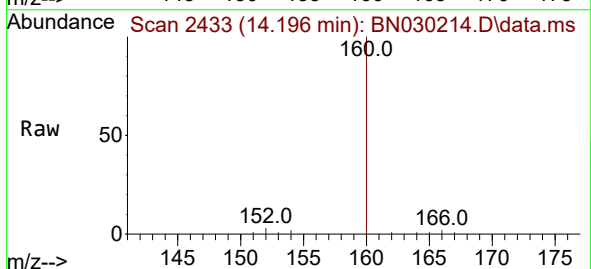
Instrument :
BNA_N
ClientSampleId :
E0S96

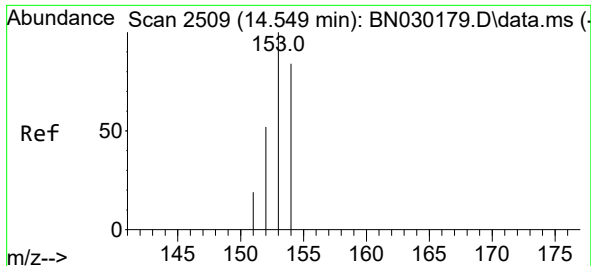
Tgt Ion:142 Resp: 338
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.2



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Tgt Ion:152 Resp: 408
Ion Ratio Lower Upper
152 100
151 40.5 16.9 25.3#
153 39.3 11.8 17.6#

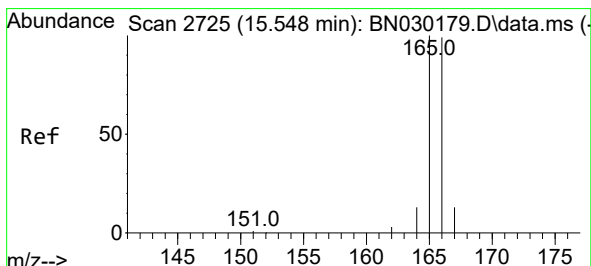
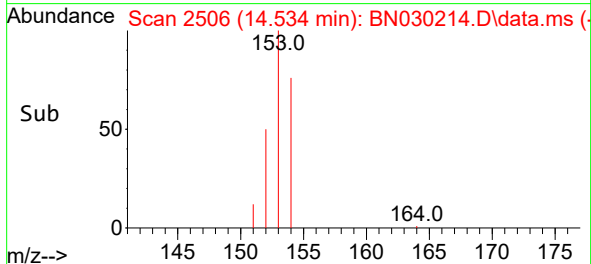
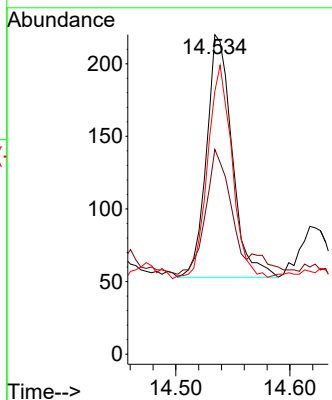
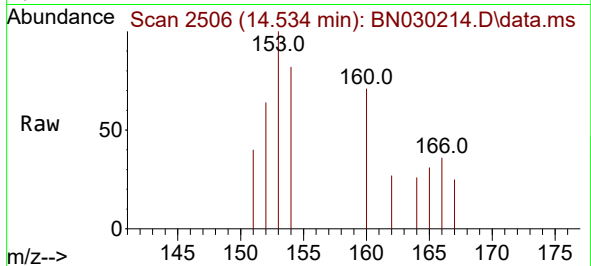




#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.015 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

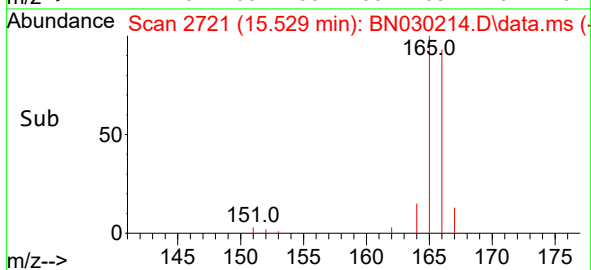
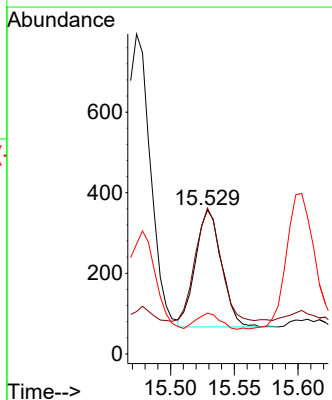
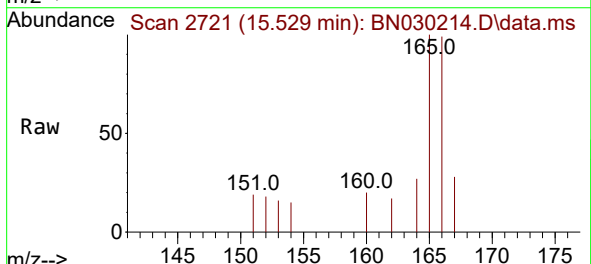
Instrument :
BNA_N
ClientSampleId :
E0S96

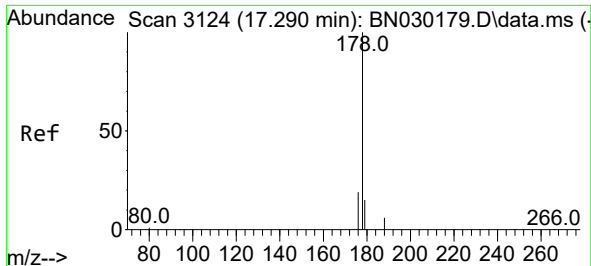
Tgt Ion:153 Resp: 260
Ion Ratio Lower Upper
153 100
152 64.1 43.2 64.8
154 82.3 67.5 101.3



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.019 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Tgt Ion:166 Resp: 414
Ion Ratio Lower Upper
166 100
165 101.4 81.8 122.6
167 28.3 13.0 19.4#

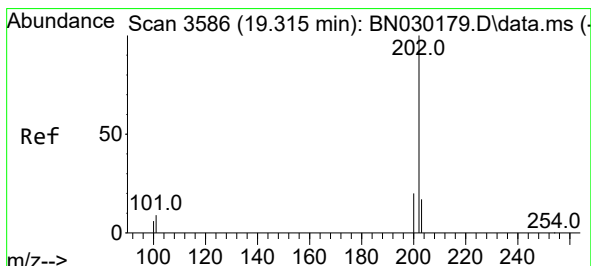
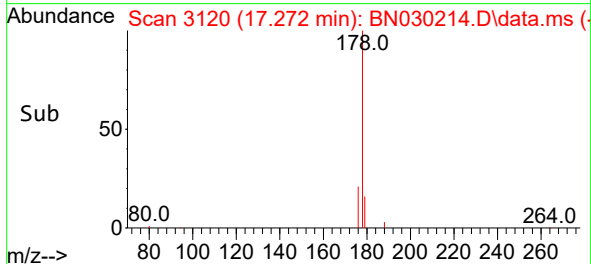
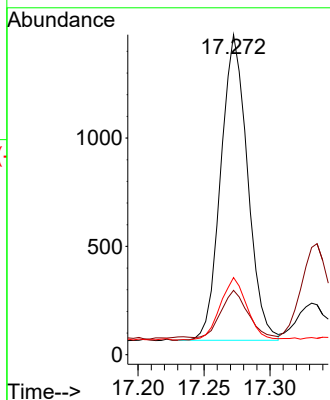
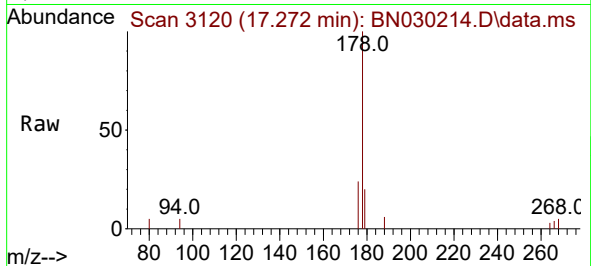




#15
Phenanthrene
Concen: 0.096 ng/ul
RT: 17.272 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

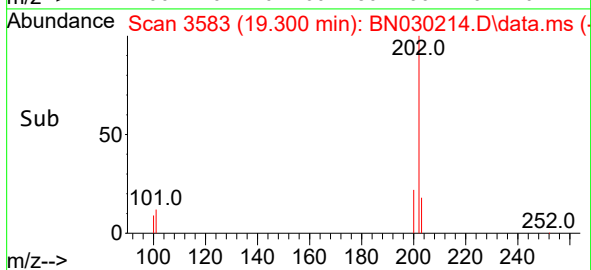
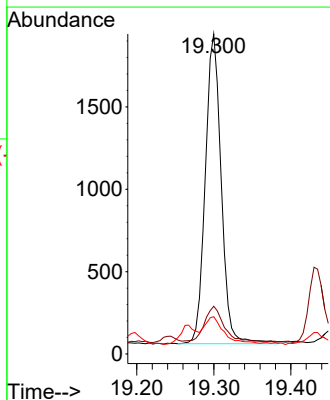
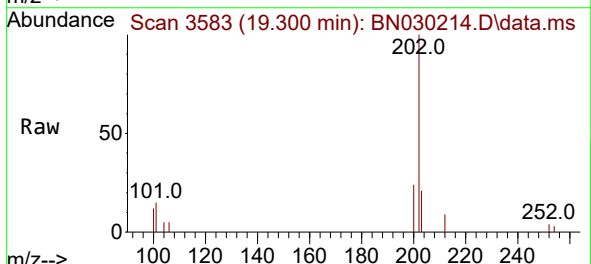
Instrument :
BNA_N
ClientSampleId :
E0S96

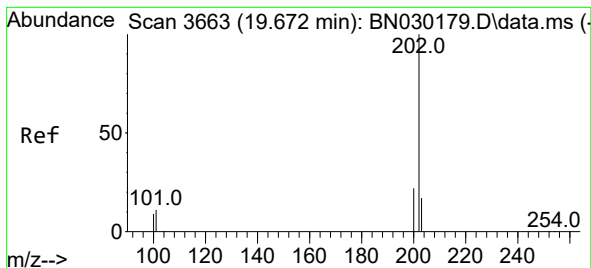
Tgt Ion:	178	Resp:	1988
Ion Ratio	Lower	Upper	
178	100		
179	20.1	13.8	20.8
176	24.1	16.6	25.0



#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.300 min Scan# 3583
Delta R.T. -0.015 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Tgt Ion:	202	Resp:	2709
Ion Ratio	Lower	Upper	
202	100		
101	14.9	8.8	13.2#
100	11.7	7.4	11.2#





#20

Pyrene

Concen: 0.092 ng/ul

RT: 19.662 min Scan# 30

Delta R.T. -0.010 min

Lab File: BN030214.D

Acq: 03 Mar 2024 12:10

Instrument :

BNA_N

ClientSampleId :

EOS96

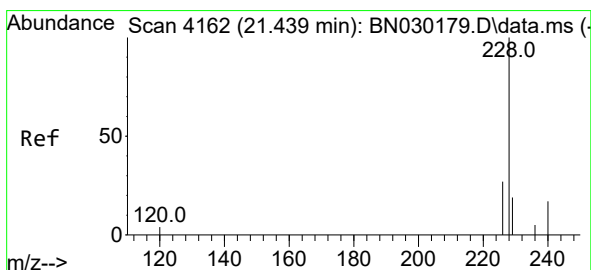
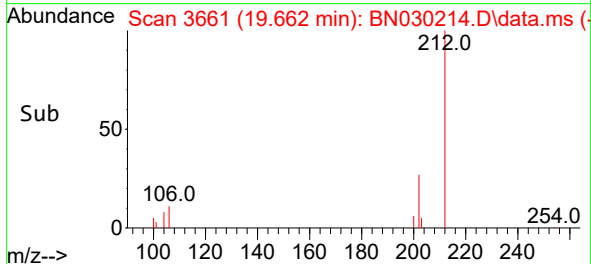
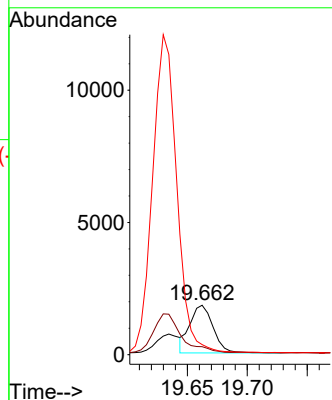
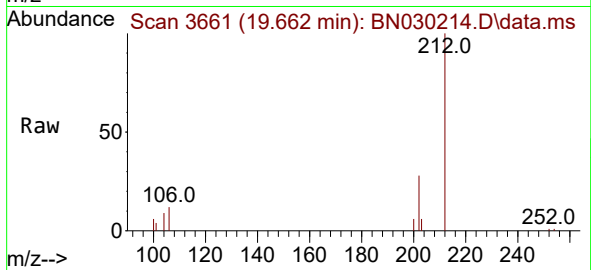
Tgt Ion:202 Resp: 2424

Ion Ratio Lower Upper

202 100

101 16.3 10.6 15.8#

100 20.5 8.8 13.2#



#21

Benzo(a)anthracene

Concen: 0.067 ng/ul

RT: 21.426 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BN030214.D

Acq: 03 Mar 2024 12:10

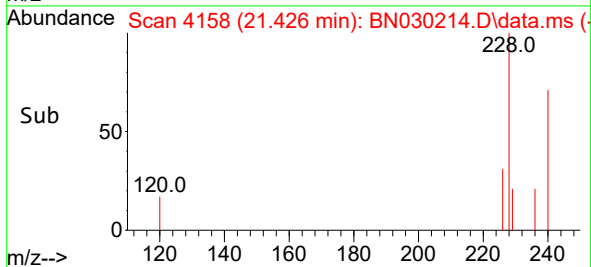
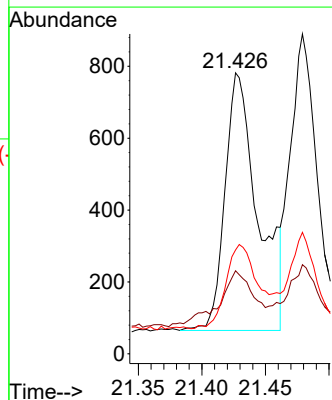
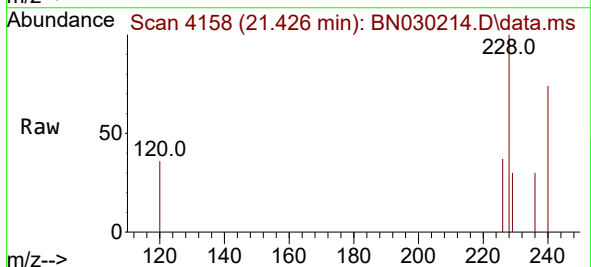
Tgt Ion:228 Resp: 1292

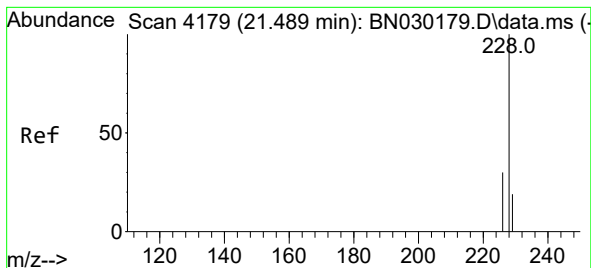
Ion Ratio Lower Upper

228 100

229 29.5 16.6 24.8#

226 37.0 23.7 35.5#





#22

Chrysene

Concen: 0.052 ng/ul

RT: 21.479 min Scan# 4179

Delta R.T. -0.010 min

Lab File: BN030214.D

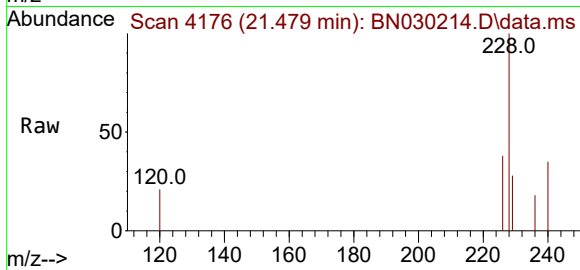
Acq: 03 Mar 2024 12:10

Instrument :

BNA_N

ClientSampleId :

E0S96



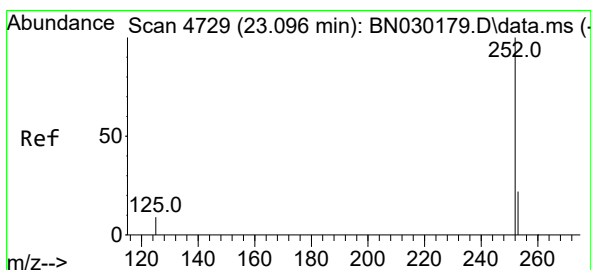
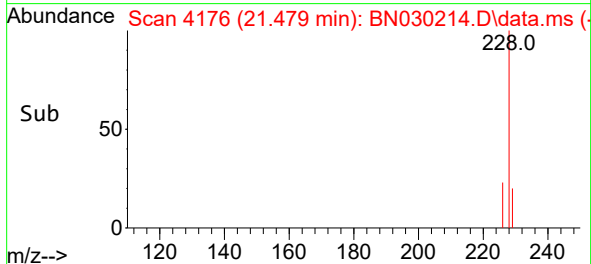
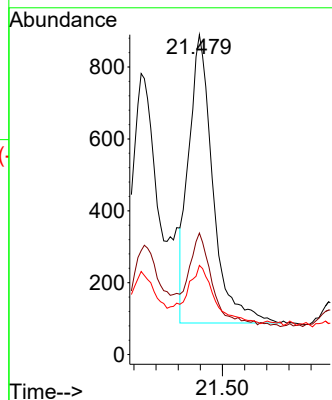
Tgt Ion:228 Resp: 1215

Ion Ratio Lower Upper

228 100

226 38.0 24.6 37.0#

229 27.9 16.6 24.8#



#24

Benzo(b)fluoranthene

Concen: 0.099 ng/ul

RT: 23.084 min Scan# 4725

Delta R.T. -0.012 min

Lab File: BN030214.D

Acq: 03 Mar 2024 12:10

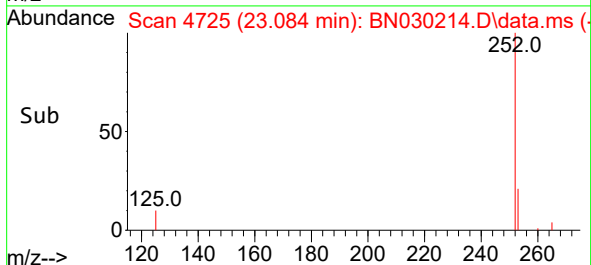
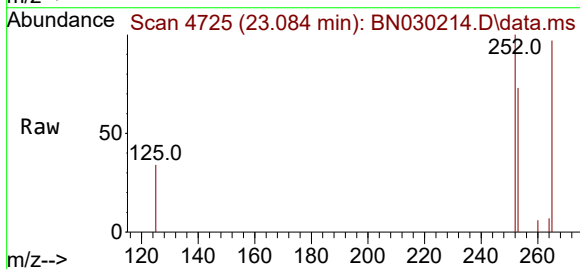
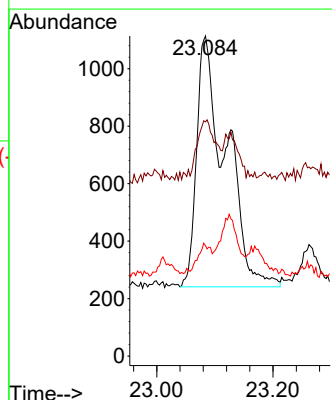
Tgt Ion:252 Resp: 3041

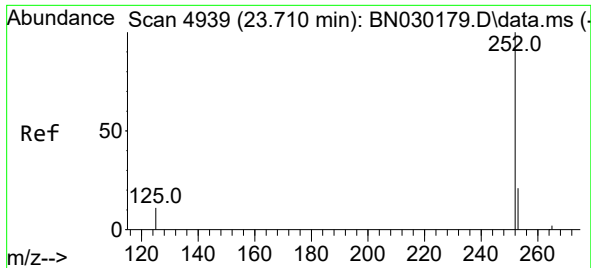
Ion Ratio Lower Upper

252 100

253 73.2 0.0 69.4#

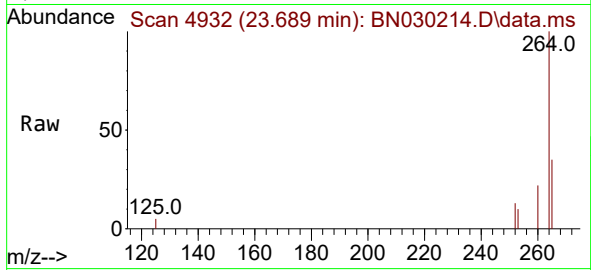
125 34.5 0.0 32.8#



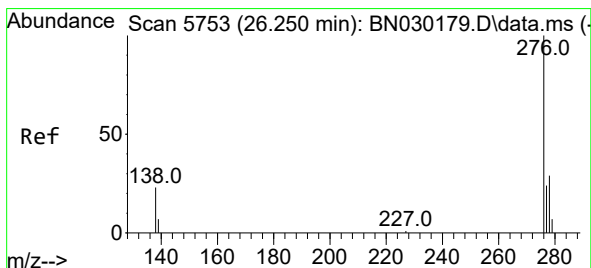
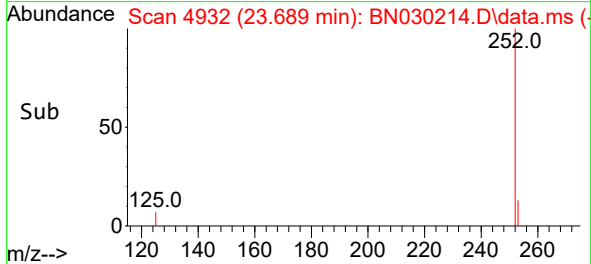
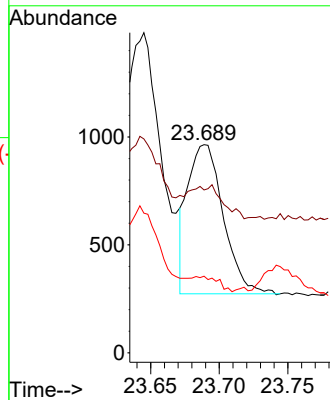


#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.689 min Scan# 4932
Delta R.T. -0.021 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Instrument :
BNA_N
ClientSampleId :
E0S96

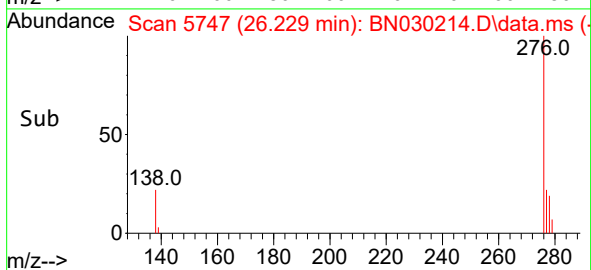
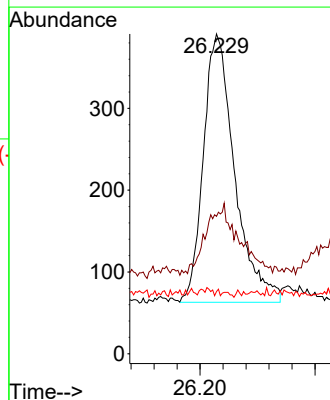
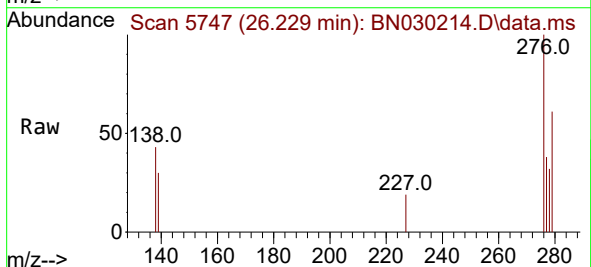


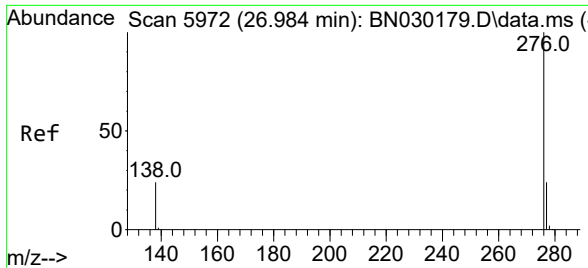
Tgt Ion:252 Resp: 1246
Ion Ratio Lower Upper
252 100
253 78.2 33.0 49.4#
125 36.8 16.9 25.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.229 min Scan# 5747
Delta R.T. -0.021 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

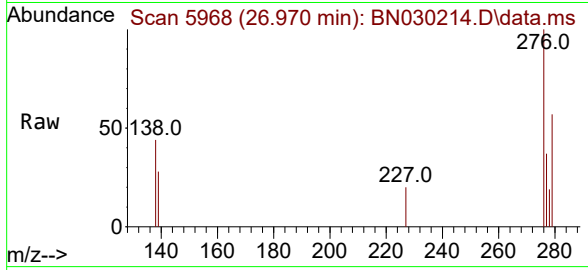
Tgt Ion:276 Resp: 1238
Ion Ratio Lower Upper
276 100
138 0.0 20.9 31.3#
227 0.2 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.970 min Scan# 5968
Delta R.T. -0.014 min
Lab File: BN030214.D
Acq: 03 Mar 2024 12:10

Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:276 Resp: 1321
Ion Ratio Lower Upper
276 100
138 43.8 22.6 33.8#
277 36.9 21.9 32.9#

