

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028890.D
 Acq On : 27 Nov 2023 21:58
 Operator : MA/JU
 Sample : 05416-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Quant Time: Nov 28 04:31:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

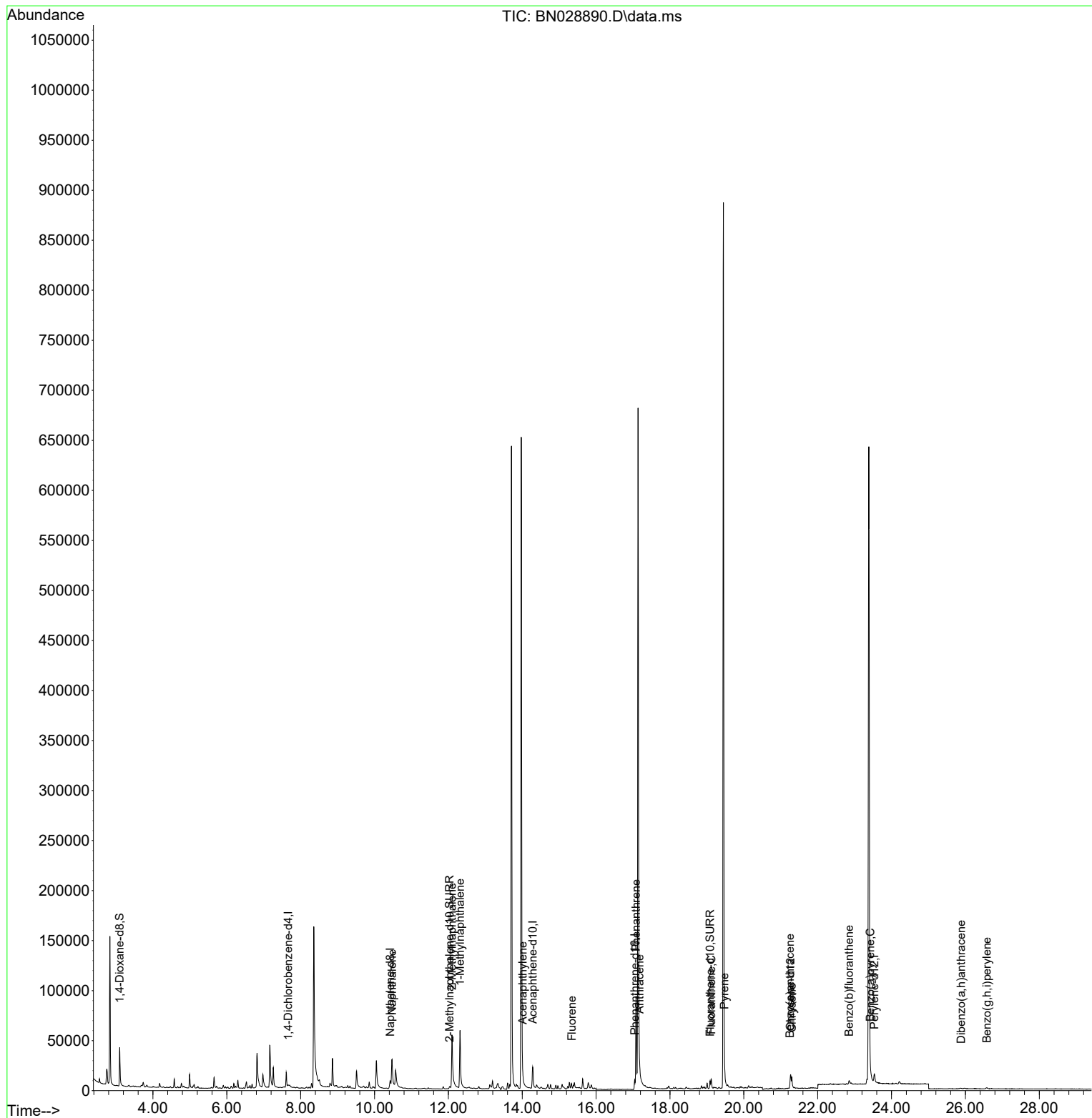
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	3228	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.424	136	15551	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.288	164	8275	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.043	188	13469	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.263	240	10264	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	12919	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	24524	6.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	5033	0.215	ng/ul	-0.04
18) Fluoranthene-d10	19.084	212	9521	0.288	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.473	128	61734	1.417	ng/ul	100
7) 2-Methylnaphthalene	12.096	142	55384	1.929	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	46791	1.605	ng/ul	99
10) Acenaphthylene	14.011	152	1314	0.032	ng/ul#	1
12) Fluorene	15.343	166	772	0.022	ng/ul#	56
15) Phenanthrene	17.081	178	119439	2.886	ng/ul	100
16) Anthracene	17.174	178	2823	0.074	ng/ul#	77
19) Fluoranthene	19.117	202	9338	0.214	ng/ul#	90
20) Pyrene	19.475	202	10270	0.227	ng/ul#	78
21) Benzo(a)anthracene	21.248	228	3313	0.082	ng/ul#	67
22) Chrysene	21.301	228	10548	0.266	ng/ul#	90
24) Benzo(b)fluoranthene	22.853	252	6406	0.132	ng/ul#	14
26) Benzo(a)pyrene	23.429	252	1594	0.035	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.883	278	862	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.577	276	2619	0.063	ng/ul#	53

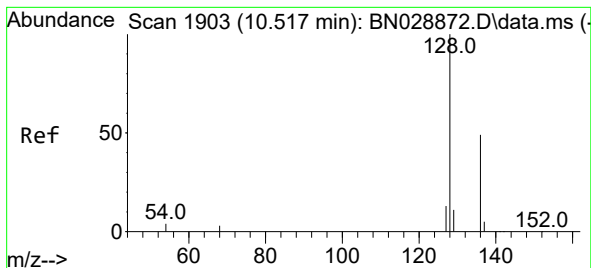
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.417 ng/ul

RT: 10.473 min Scan# 1895

Delta R.T. -0.033 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

C0AB3

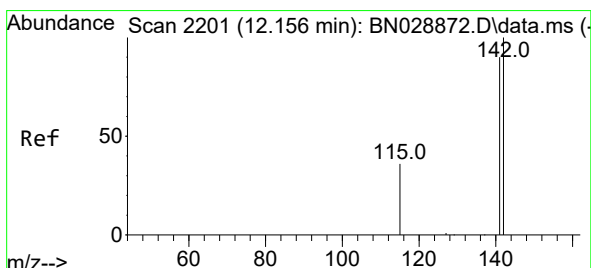
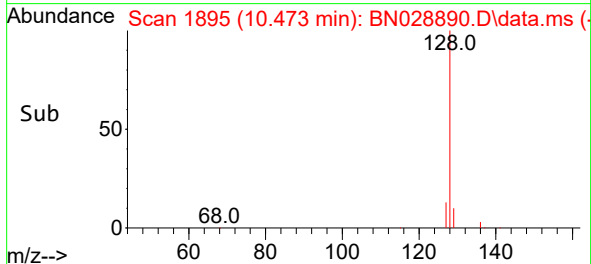
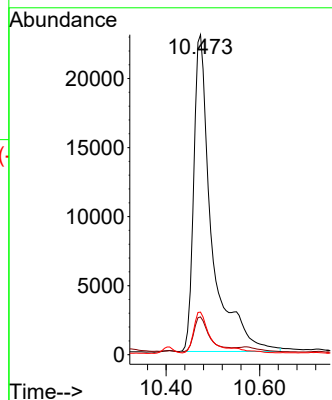
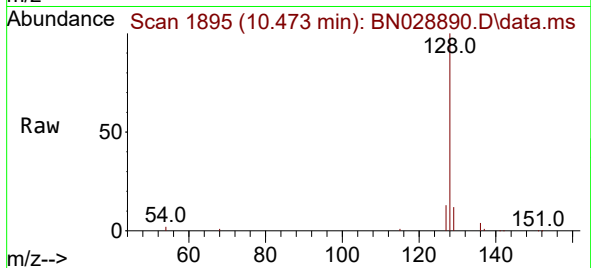
Tgt Ion:128 Resp: 61734

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 1.929 ng/ul

RT: 12.096 min Scan# 2190

Delta R.T. -0.044 min

Lab File: BN028890.D

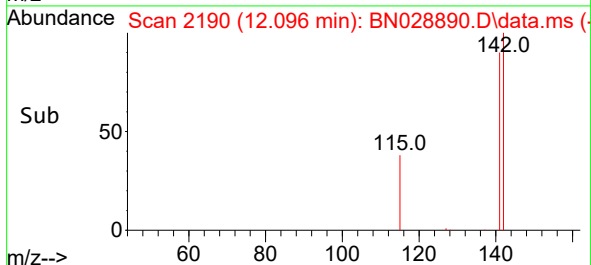
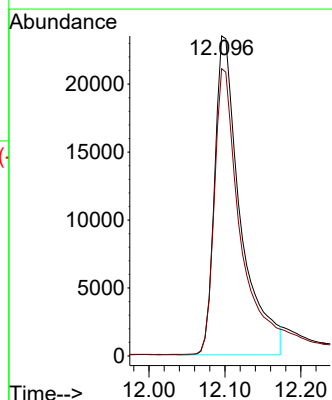
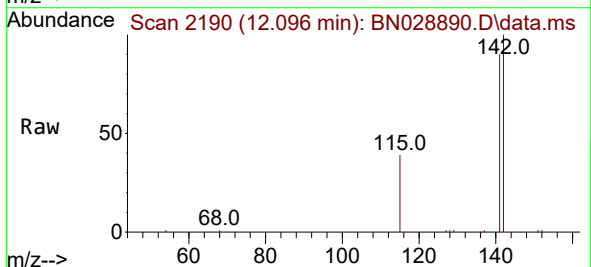
Acq: 27 Nov 2023 21:58

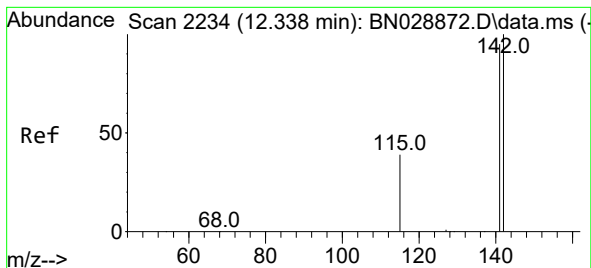
Tgt Ion:142 Resp: 55384

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2





#8

1-Methylnaphthalene

Concen: 1.605 ng/ul

RT: 12.316 min Scan# 21

Delta R.T. -0.022 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

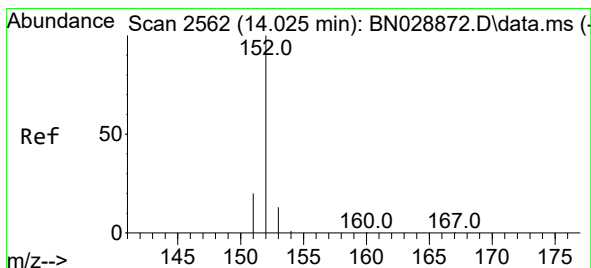
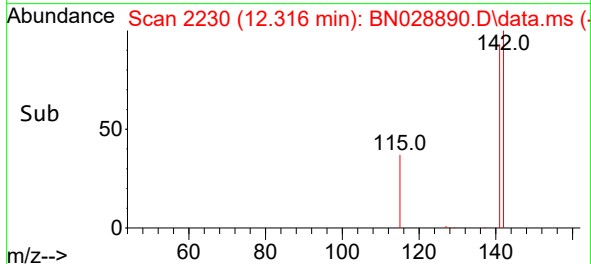
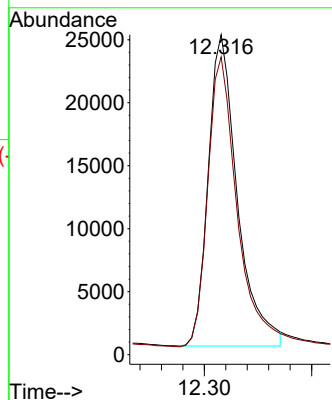
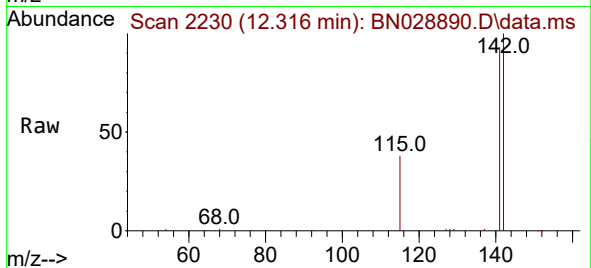
C0AB3

Tgt Ion:142 Resp: 46791

Ion Ratio Lower Upper

142 100

141 93.3 74.1 111.1



#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.011 min Scan# 2559

Delta R.T. -0.015 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

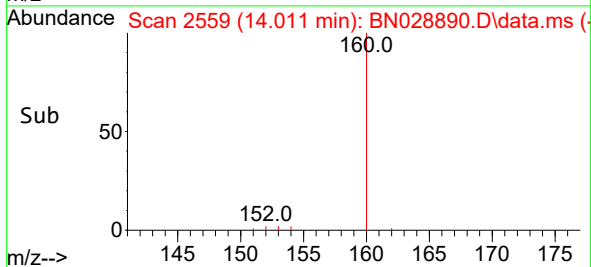
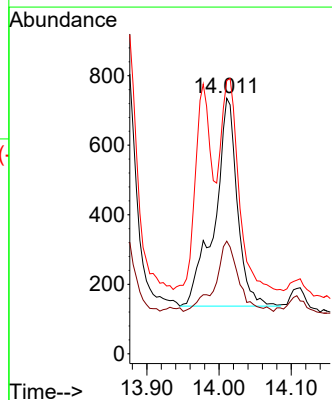
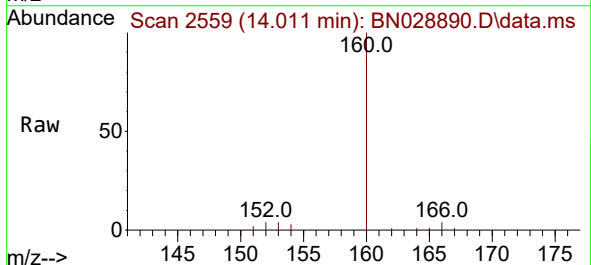
Tgt Ion:152 Resp: 1314

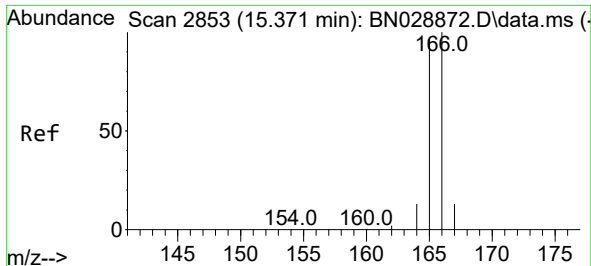
Ion Ratio Lower Upper

152 100

151 44.1 16.1 24.1#

153 106.9 10.6 15.8#

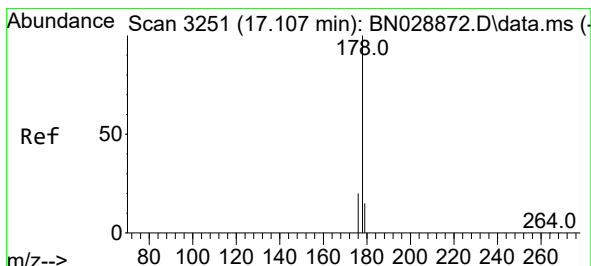
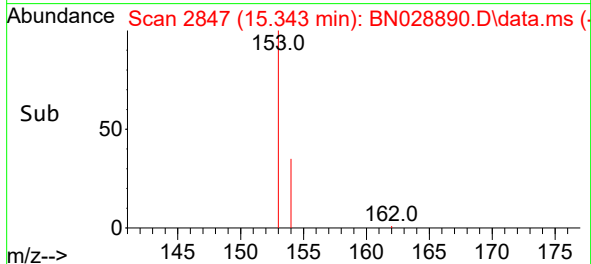
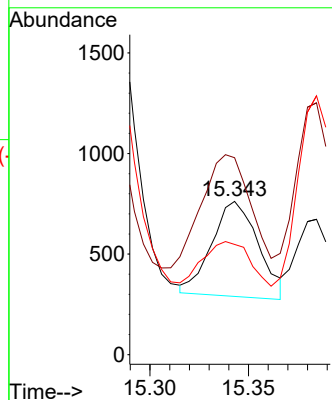
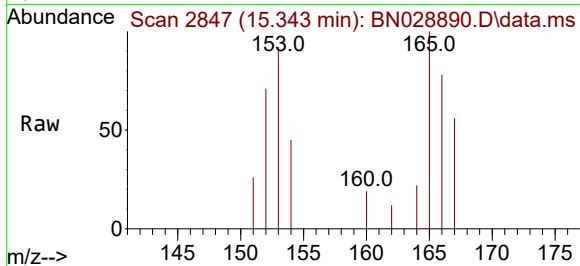




#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.343 min Scan# 21
Delta R.T. -0.024 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

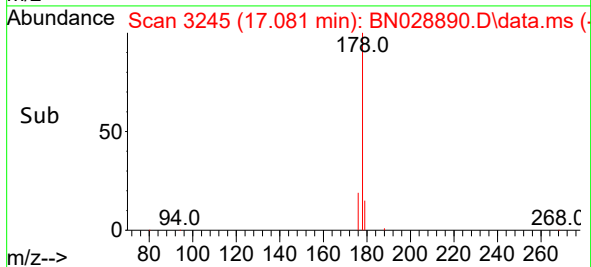
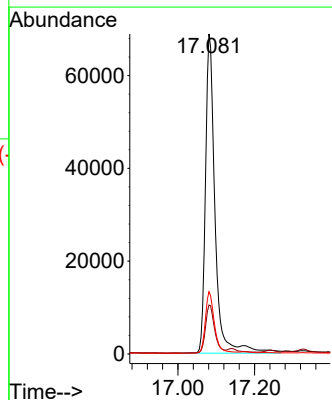
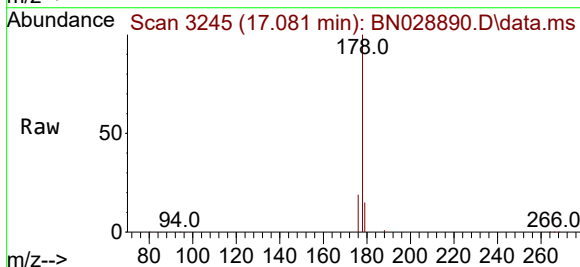
Instrument :
BNA_N
ClientSampleId :
C0AB3

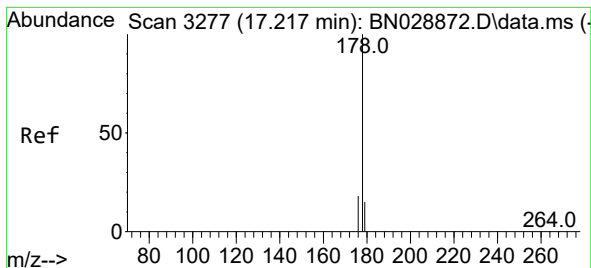
Tgt Ion:166 Resp: 772
Ion Ratio Lower Upper
166 100
165 128.5 78.6 118.0#
167 71.9 11.0 16.6#



#15
Phenanthrene
Concen: 2.886 ng/ul
RT: 17.081 min Scan# 3245
Delta R.T. -0.022 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:178 Resp: 119439
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.4 23.2





#16

Anthracene

Concen: 0.074 ng/ul

RT: 17.174 min Scan# 31

Delta R.T. -0.030 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

C0AB3

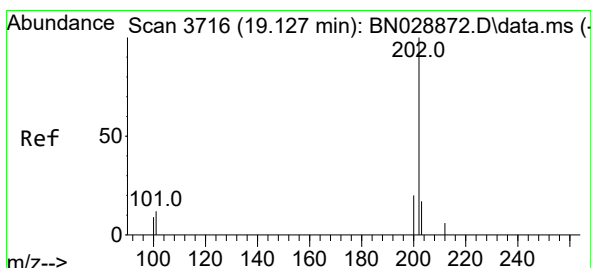
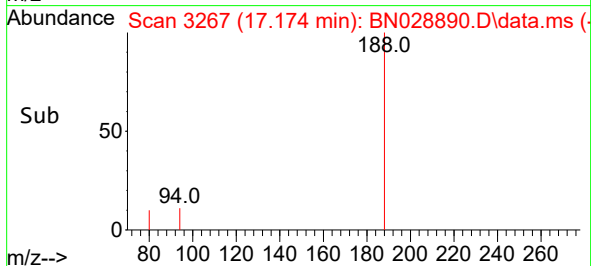
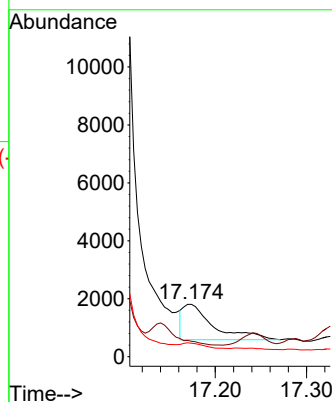
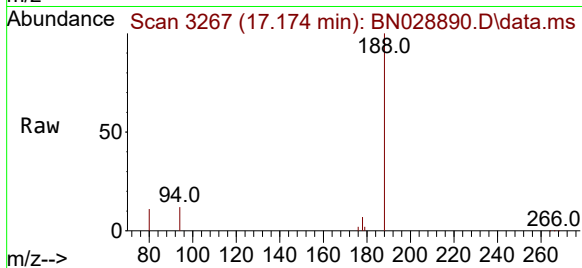
Tgt Ion:178 Resp: 2823

Ion Ratio Lower Upper

178 100

179 29.3 12.6 18.8#

176 25.7 14.9 22.3#



#19

Fluoranthene

Concen: 0.214 ng/ul

RT: 19.117 min Scan# 3714

Delta R.T. -0.006 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

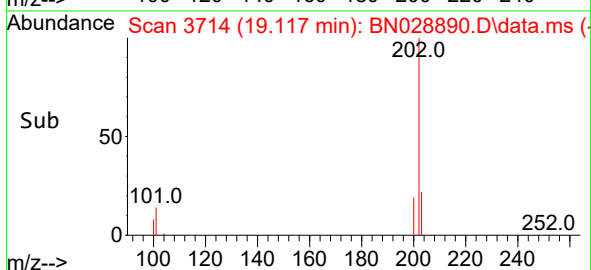
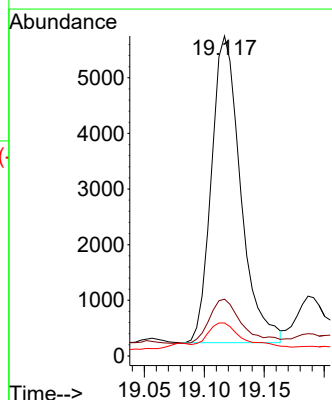
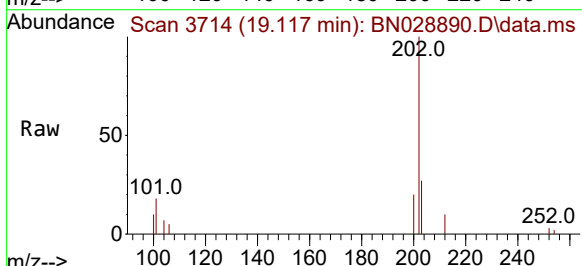
Tgt Ion:202 Resp: 9338

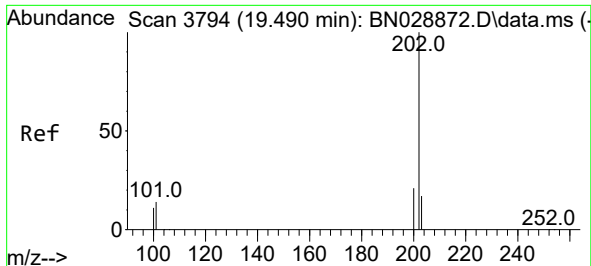
Ion Ratio Lower Upper

202 100

101 17.8 9.5 14.3#

100 10.3 7.2 10.8

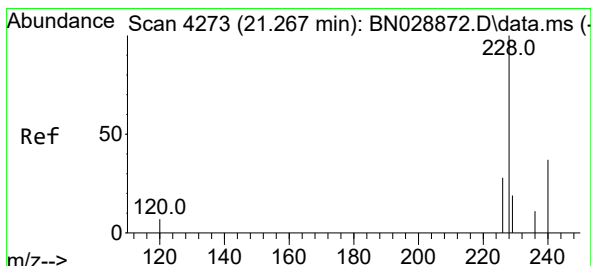
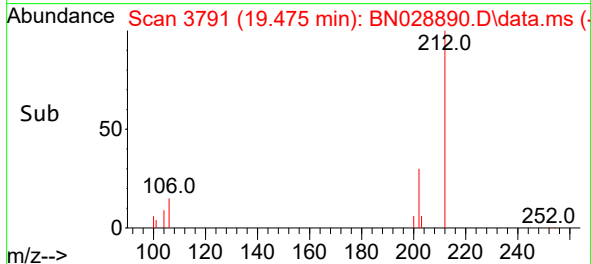
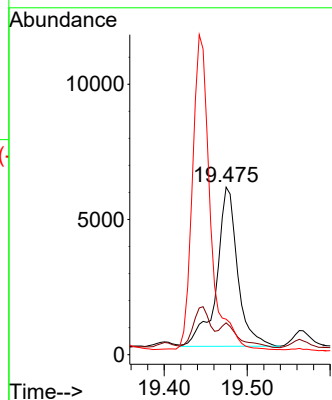
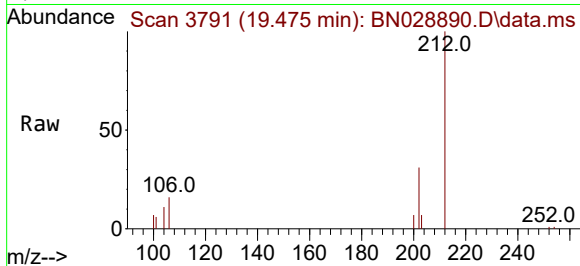




#20
Pyrene
Concen: 0.227 ng/ul
RT: 19.475 min Scan# 31
Delta R.T. -0.011 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

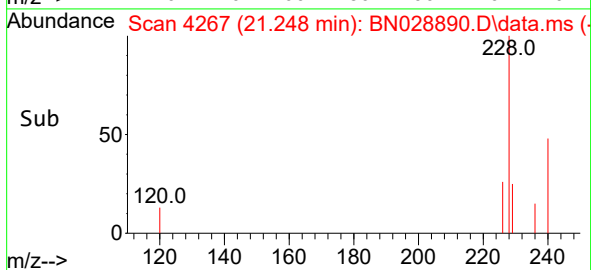
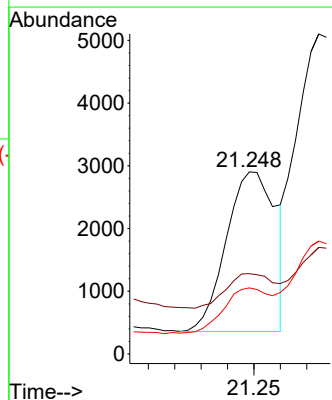
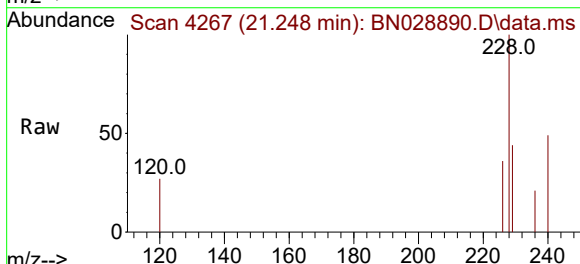
Instrument :
BNA_N
ClientSampleId :
C0AB3

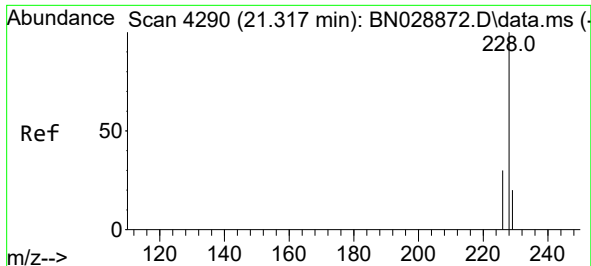
Tgt Ion:202 Resp: 10270
Ion Ratio Lower Upper
202 100
101 19.0 10.3 15.5#
100 21.2 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.248 min Scan# 4267
Delta R.T. -0.007 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:228 Resp: 3313
Ion Ratio Lower Upper
228 100
229 44.1 15.7 23.5#
226 36.3 21.4 32.0#





#22

Chrysene

Concen: 0.266 ng/ul

RT: 21.301 min Scan# 41

Delta R.T. -0.004 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

C0AB3

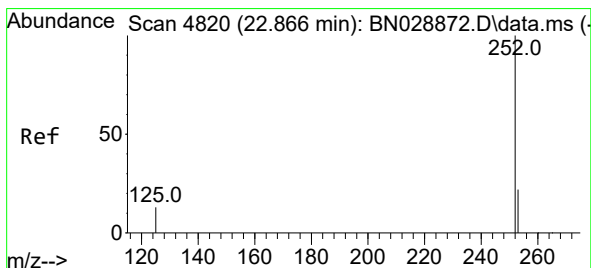
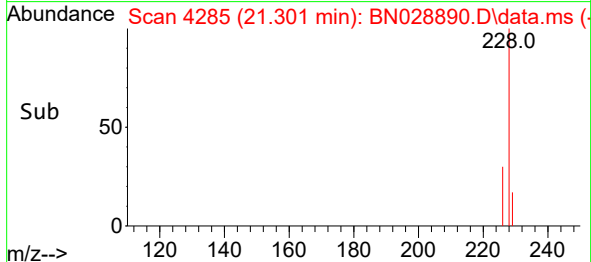
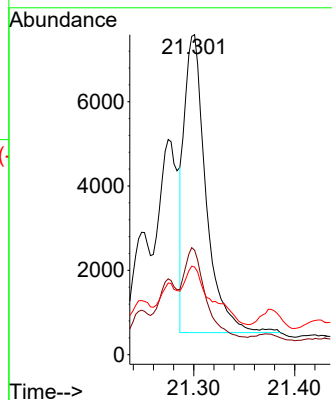
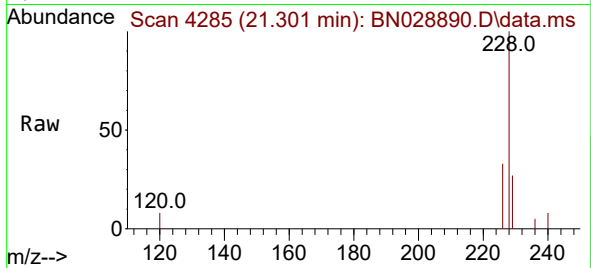
Tgt Ion:228 Resp: 10548

Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.8

229 27.4 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.132 ng/ul

RT: 22.853 min Scan# 4816

Delta R.T. -0.001 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

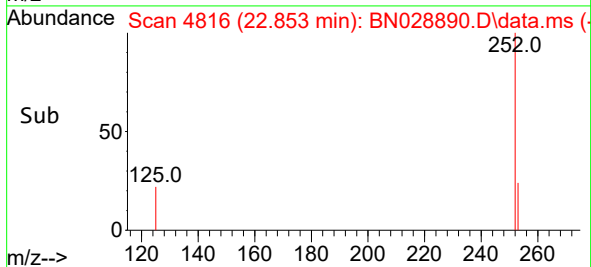
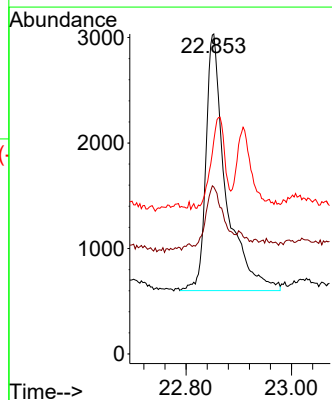
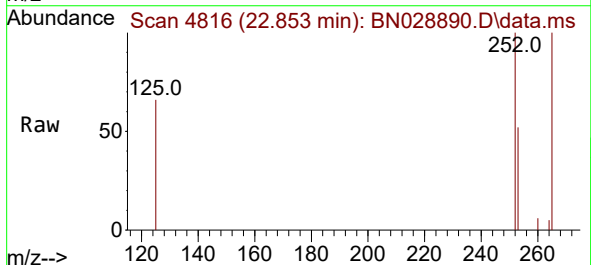
Tgt Ion:252 Resp: 6406

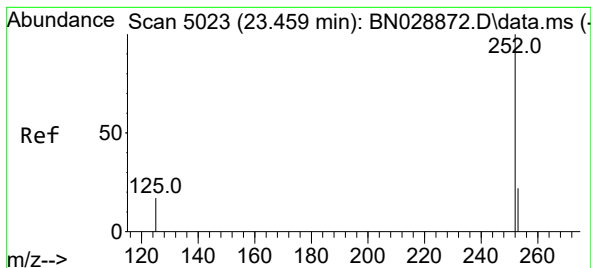
Ion Ratio Lower Upper

252 100

253 52.2 0.0 46.6#

125 66.6 0.0 27.6#





#26

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.429 min Scan# 5023

Delta R.T. -0.016 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

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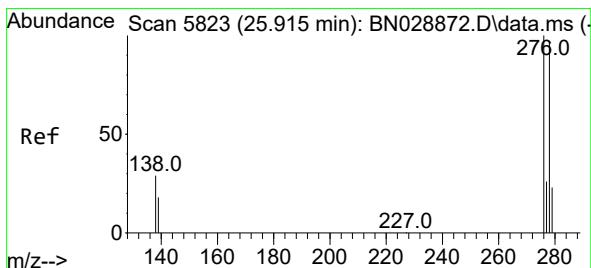
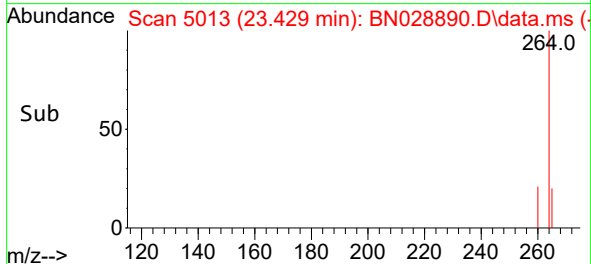
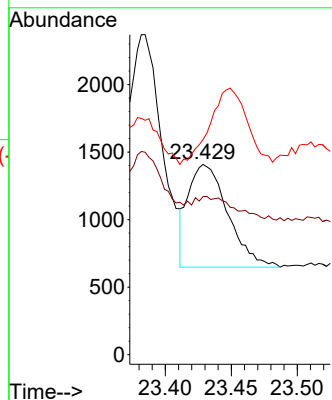
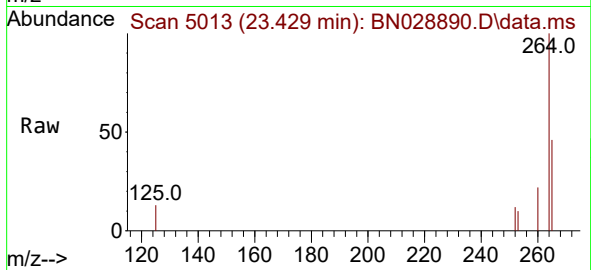
Tgt Ion:252 Resp: 1594

Ion Ratio Lower Upper

252 100

253 83.0 19.0 28.6#

125 113.1 13.2 19.8#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 25.883 min Scan# 5814

Delta R.T. -0.015 min

Lab File: BN028890.D

Acq: 27 Nov 2023 21:58

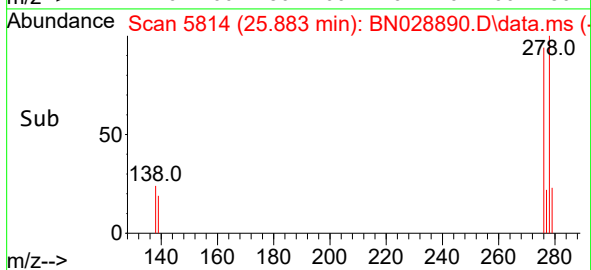
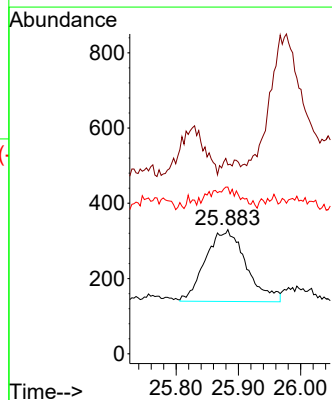
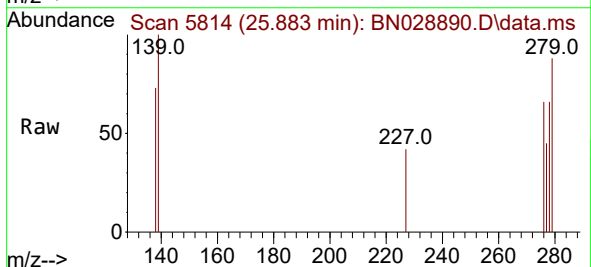
Tgt Ion:278 Resp: 862

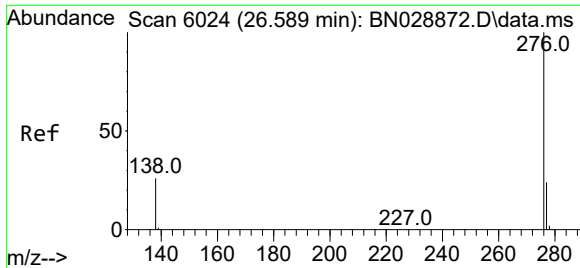
Ion Ratio Lower Upper

278 100

139 152.1 18.2 27.4#

279 134.2 20.7 31.1#





#29

Benzo(g,h,i)perylene

Concen: 0.063 ng/ul

RT: 26.577 min Scan# 60

Delta R.T. -0.001 min

Lab File: BN028890.D

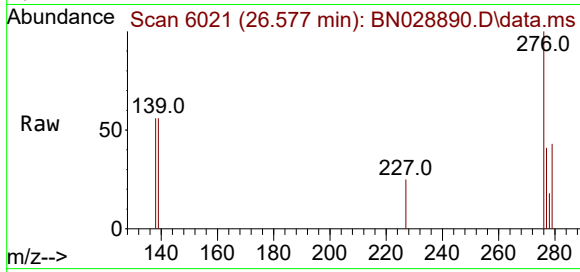
Acq: 27 Nov 2023 21:58

Instrument :

BNA_N

ClientSampleId :

C0AB3



Tgt Ion:276 Resp: 2619

Ion Ratio Lower Upper

276 100

138 56.1 20.5 30.7#

277 41.0 19.4 29.0#

