

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027850.D
 Acq On : 23 Sep 2023 07:19
 Operator : MA/JU
 Sample : 04332-10
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH2

Quant Time: Sep 25 00:47:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

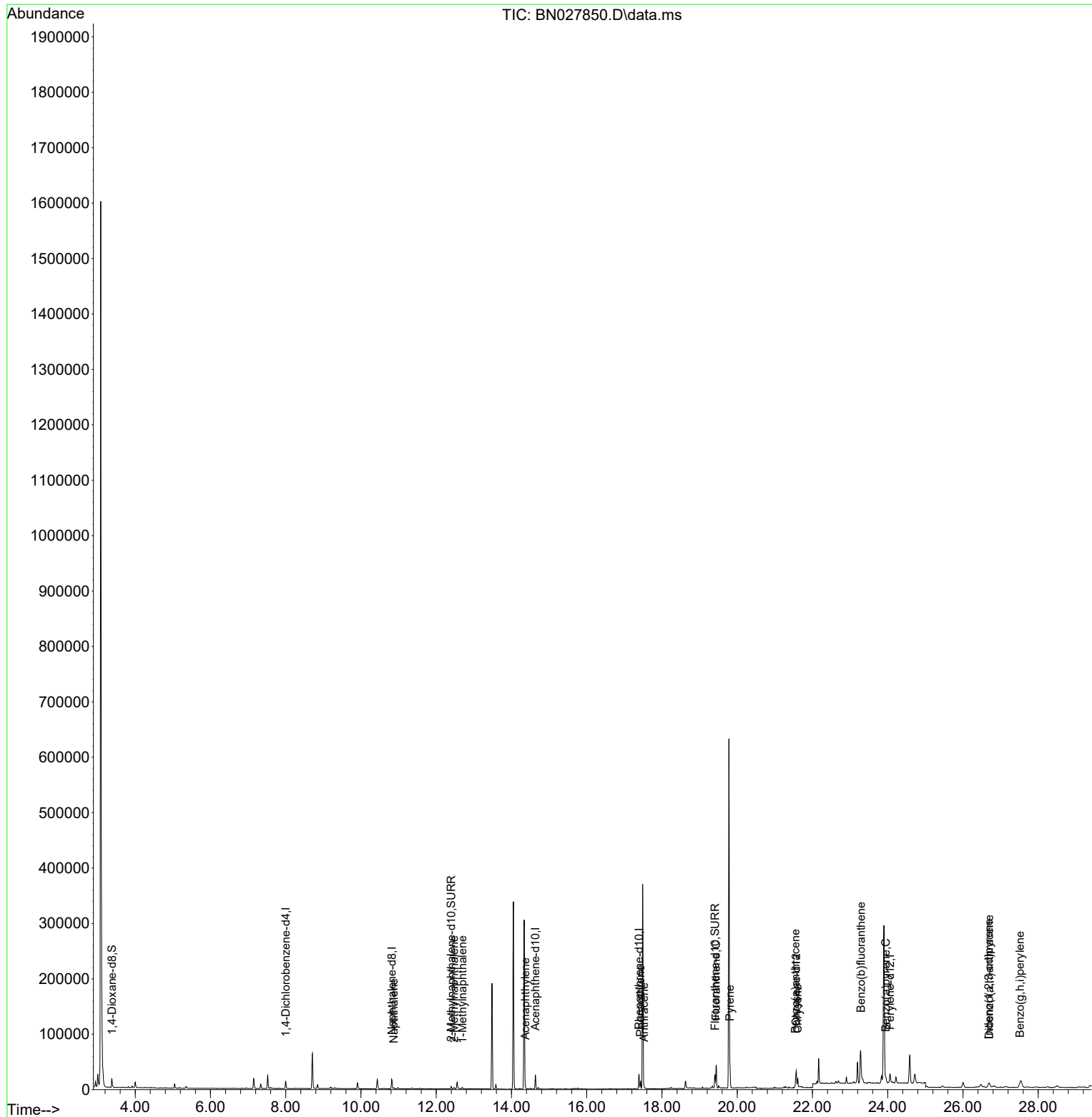
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	22982	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.633	164	13856	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	31591	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	26261	0.400	ng/ul	# 0.00
23) Perylene-d12	24.062	264	23248	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	10894	1.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	5566	0.160	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	14861	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2233	0.034	ng/ul#	84
7) 2-Methylnaphthalene	12.473	142	1949	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1674	0.039	ng/ul	99
10) Acenaphthylene	14.365	152	1383	0.023	ng/ul#	77
15) Phenanthrene	17.430	178	13551	0.137	ng/ul	98
16) Anthracene	17.523	178	1743	0.021	ng/ul#	76
19) Fluoranthene	19.441	202	35164	0.331	ng/ul	95
20) Pyrene	19.808	202	30285	0.277	ng/ul	100
21) Benzo(a)anthracene	21.551	228	12784	0.126	ng/ul#	93
22) Chrysene	21.606	228	17774	0.169	ng/ul#	93
24) Benzo(b)fluoranthene	23.287	252	33023	0.319	ng/ul#	1
26) Benzo(a)pyrene	23.948	252	12647	0.152	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.683	276	11092	0.104	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.700	278	2578	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	27.515	276	13264	0.146	ng/ul#	30

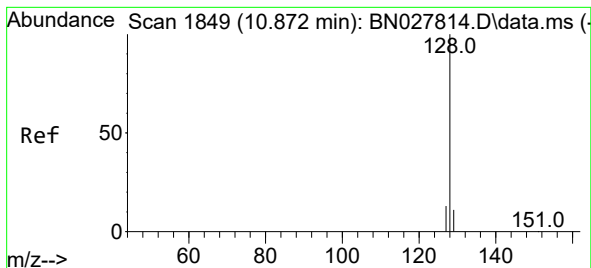
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.034 ng/ul

RT: 10.872 min Scan# 1849

Delta R.T. -0.005 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

Instrument :

BNA_N

ClientSampleId :

C0AH2

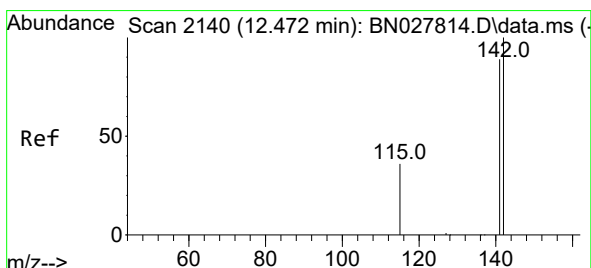
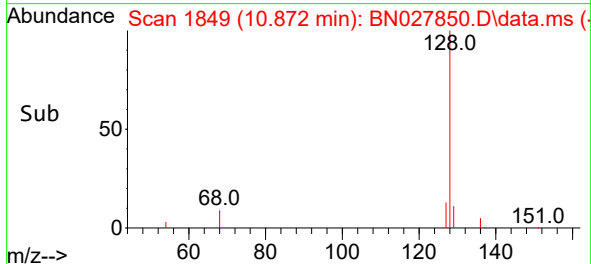
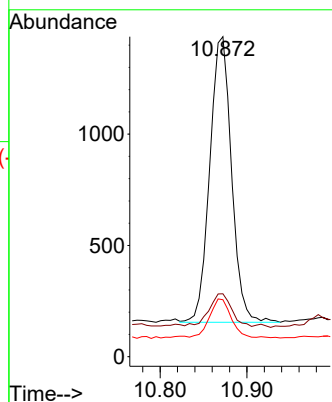
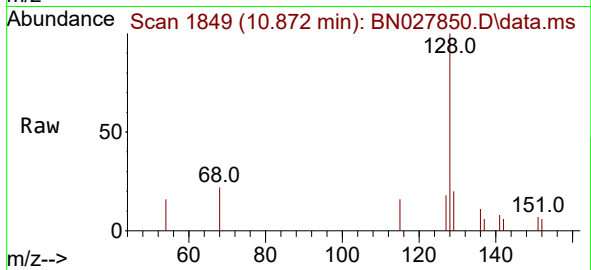
Tgt Ion:128 Resp: 2233

Ion Ratio Lower Upper

128 100

129 19.7 9.3 13.9#

127 17.8 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.473 min Scan# 2140

Delta R.T. -0.005 min

Lab File: BN027850.D

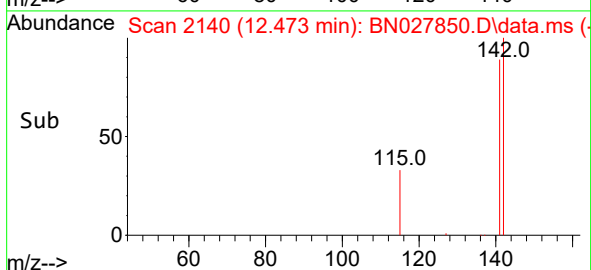
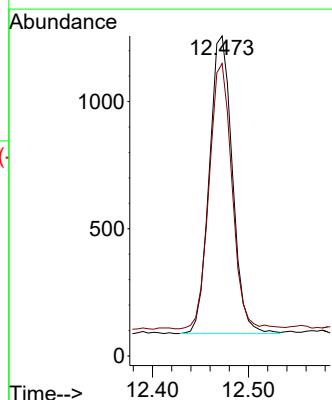
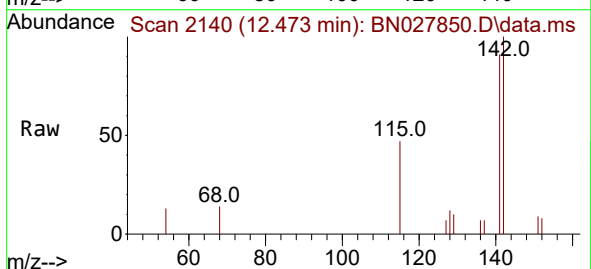
Acq: 23 Sep 2023 07:19

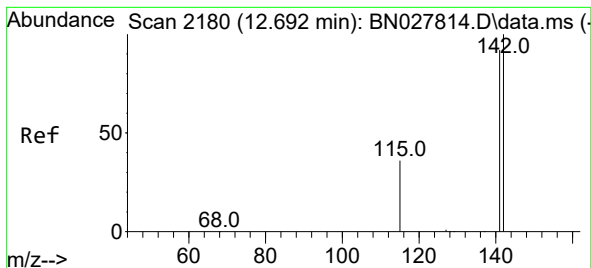
Tgt Ion:142 Resp: 1949

Ion Ratio Lower Upper

142 100

141 88.3 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.693 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

Instrument :

BNA_N

ClientSampleId :

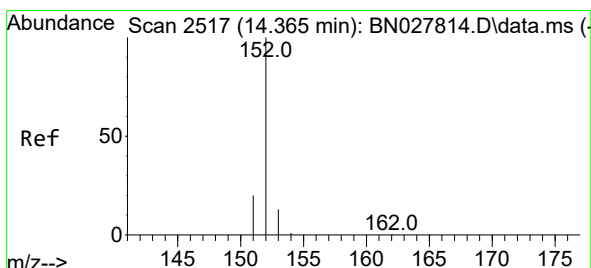
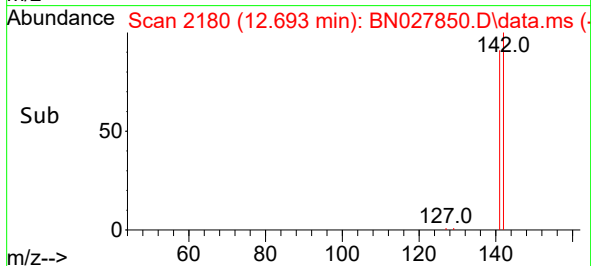
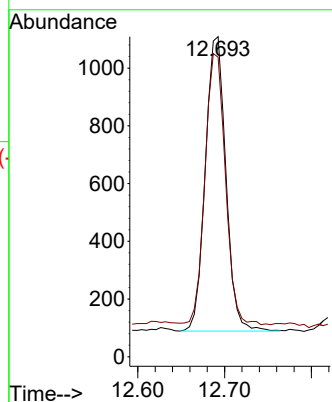
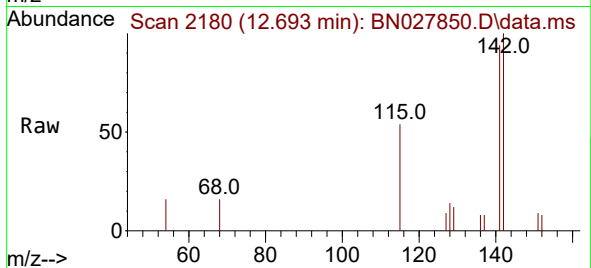
C0AH2

Tgt Ion:142 Resp: 1674

Ion Ratio Lower Upper

142 100

141 91.6 72.8 109.2



#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.365 min Scan# 2517

Delta R.T. -0.005 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

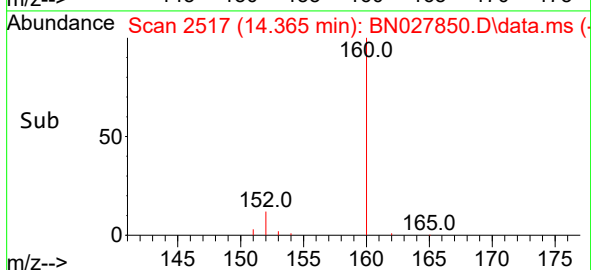
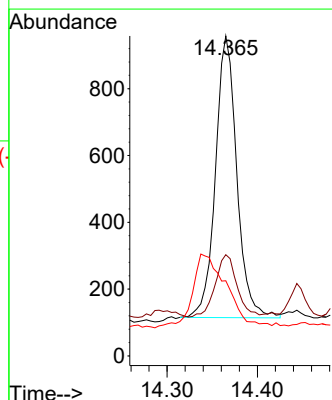
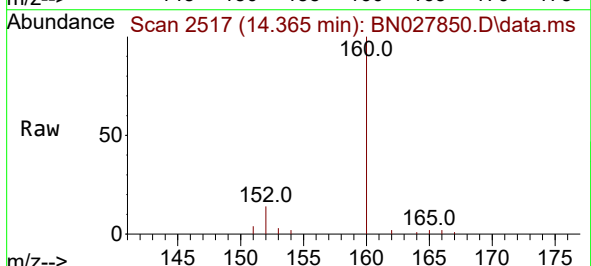
Tgt Ion:152 Resp: 1383

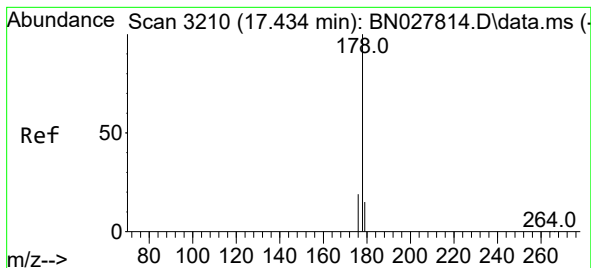
Ion Ratio Lower Upper

152 100

151 31.6 16.6 25.0#

153 23.5 11.0 16.6#





#15

Phenanthrene

Concen: 0.137 ng/ul

RT: 17.430 min Scan# 3210

Delta R.T. -0.004 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

Instrument :

BNA_N

ClientSampleId :

C0AH2

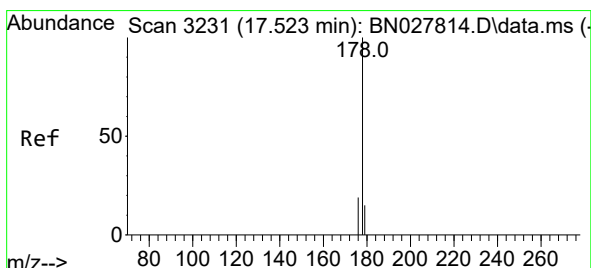
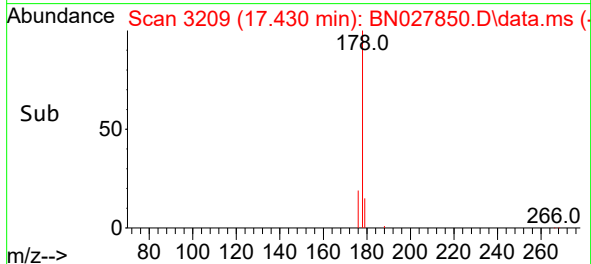
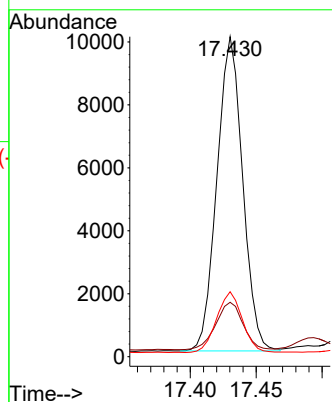
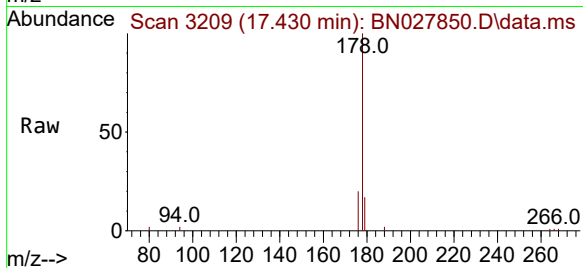
Tgt Ion:178 Resp: 13551

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 20.3 16.0 24.0



#16

Anthracene

Concen: 0.021 ng/ul

RT: 17.523 min Scan# 3231

Delta R.T. -0.004 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

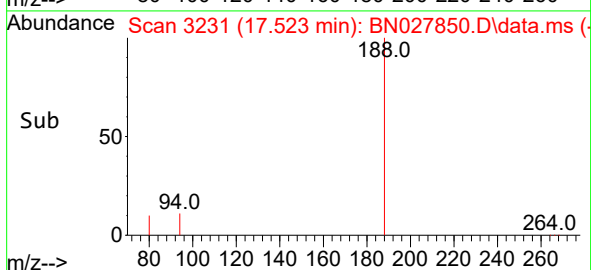
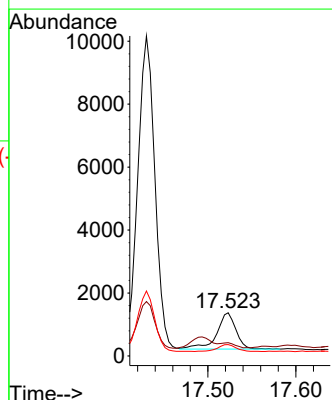
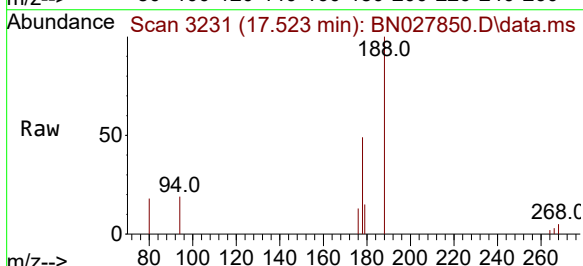
Tgt Ion:178 Resp: 1743

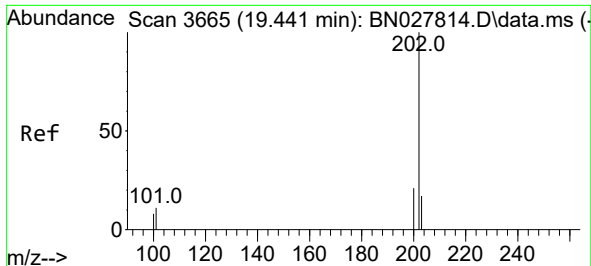
Ion Ratio Lower Upper

178 100

179 30.7 12.6 19.0#

176 26.3 15.5 23.3#

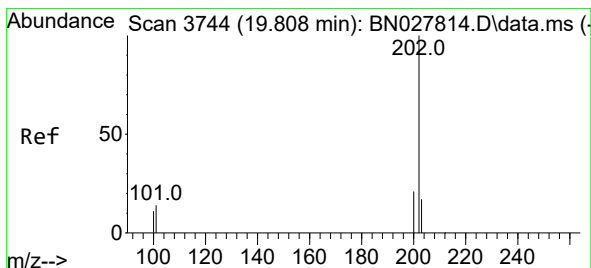
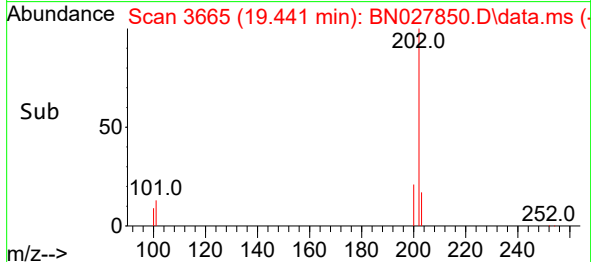
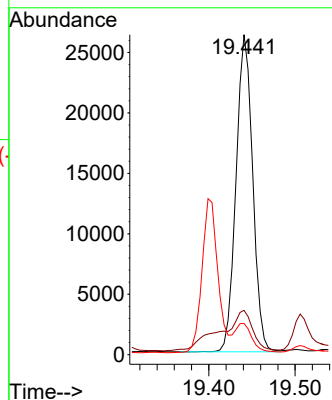
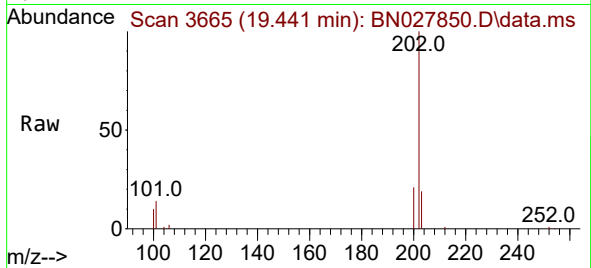




#19
Fluoranthene
Concen: 0.331 ng/u1
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

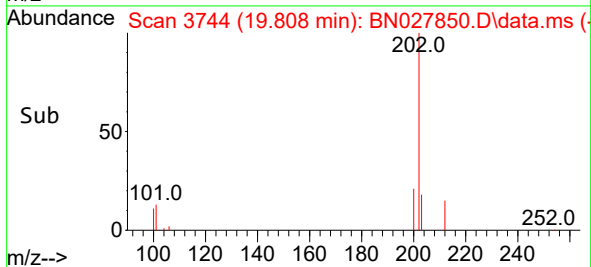
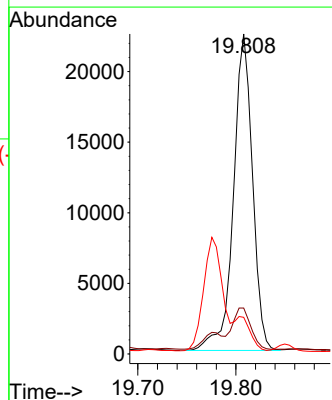
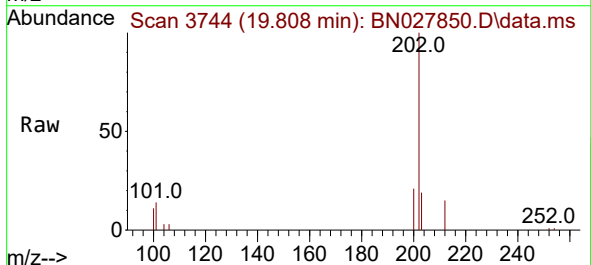
Instrument :
BNA_N
ClientSampleId :
C0AH2

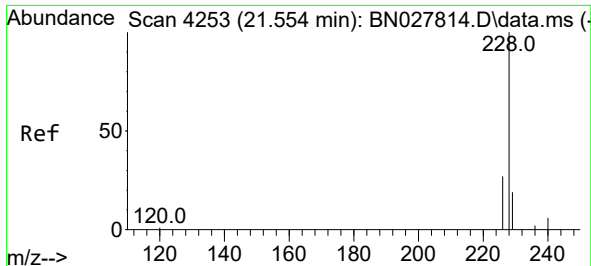
Tgt Ion:202 Resp: 35164
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 9.8 7.0 10.4



#20
Pyrene
Concen: 0.277 ng/u1
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

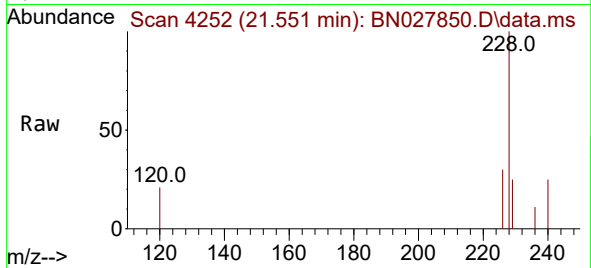
Tgt Ion:202 Resp: 30285
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.4 9.1 13.7



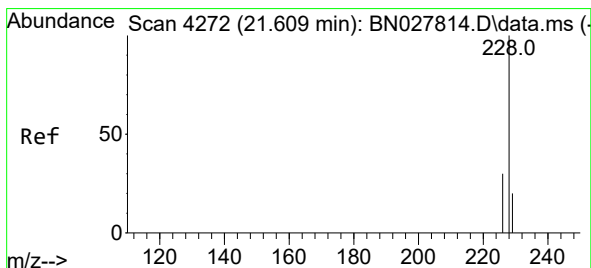
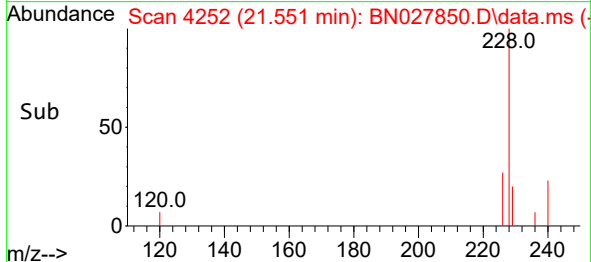
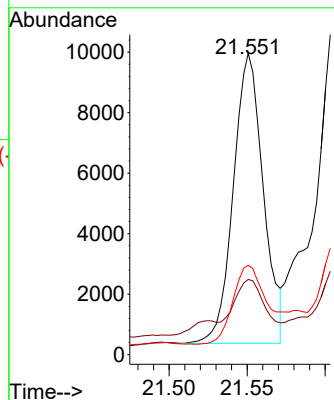


#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.551 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

Instrument :
BNA_N
ClientSampleId :
C0AH2

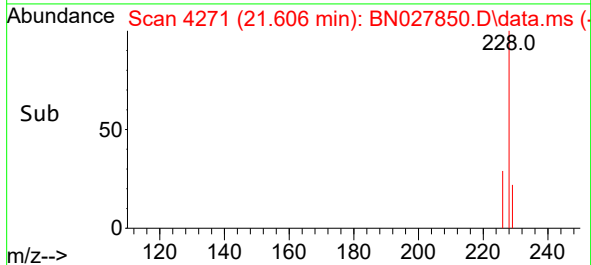
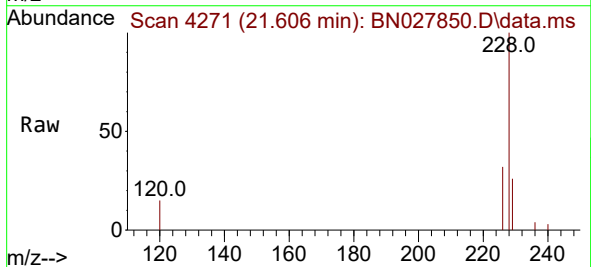
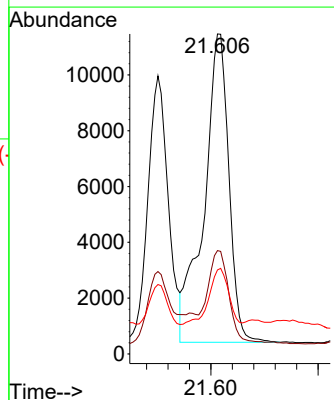


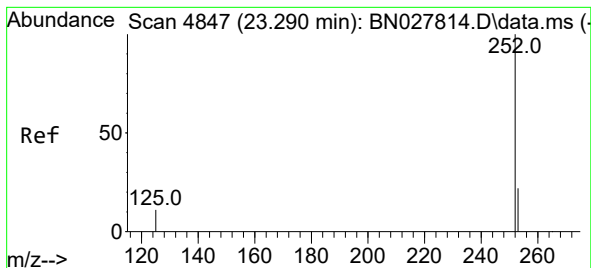
Tgt Ion:228 Resp: 12784
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.8#
226 29.7 22.0 33.0



#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.606 min Scan# 4271
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

Tgt Ion:228 Resp: 17774
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 26.3 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.319 ng/ul

RT: 23.287 min Scan# 4847

Delta R.T. -0.003 min

Lab File: BN027850.D

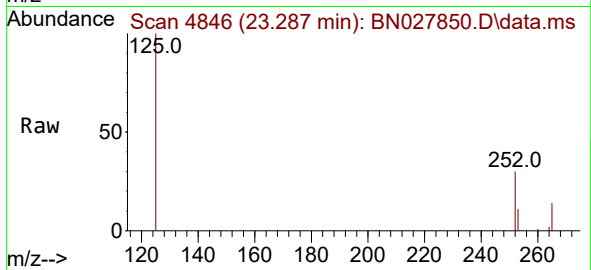
Acq: 23 Sep 2023 07:19

Instrument :

BNA_N

ClientSampleId :

C0AH2



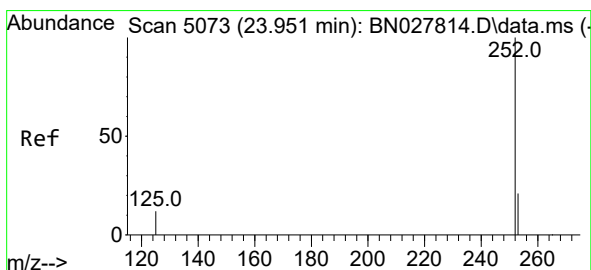
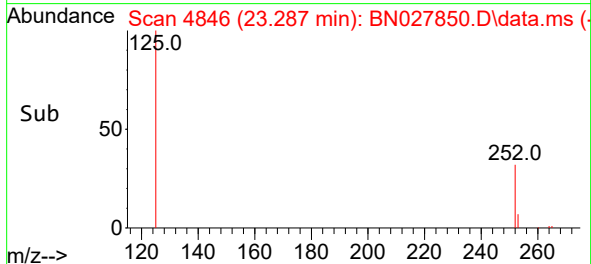
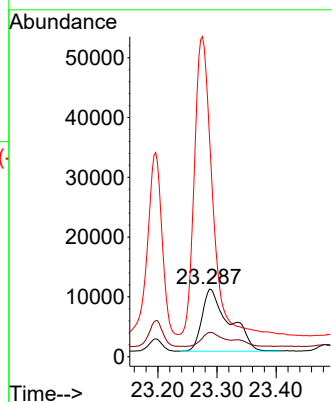
Tgt Ion:252 Resp: 33023

Ion Ratio Lower Upper

252 100

253 36.0 0.0 50.2

125 329.8 0.0 31.4#



#26

Benzo(a)pyrene

Concen: 0.152 ng/ul

RT: 23.948 min Scan# 5072

Delta R.T. -0.003 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

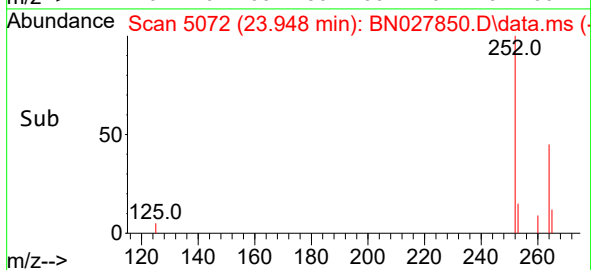
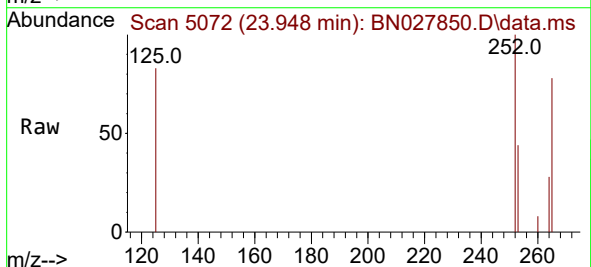
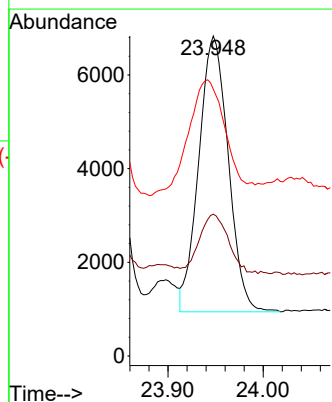
Tgt Ion:252 Resp: 12647

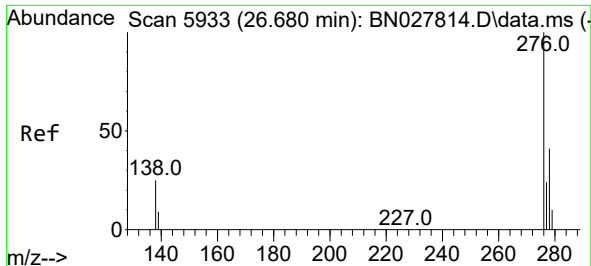
Ion Ratio Lower Upper

252 100

253 44.3 21.9 32.9#

125 83.4 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.104 ng/ul

RT: 26.683 min Scan# 5933

Delta R.T. 0.000 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

Instrument :

BNA_N

ClientSampleId :

C0AH2

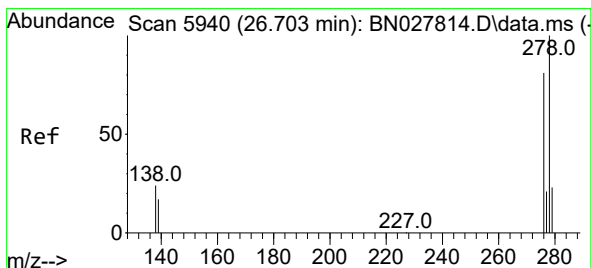
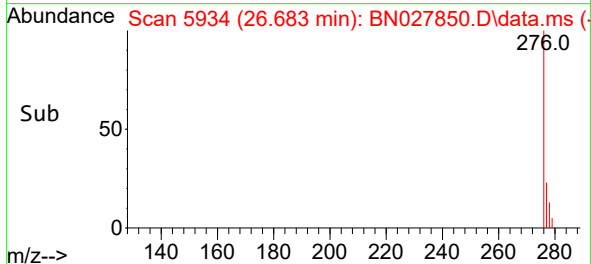
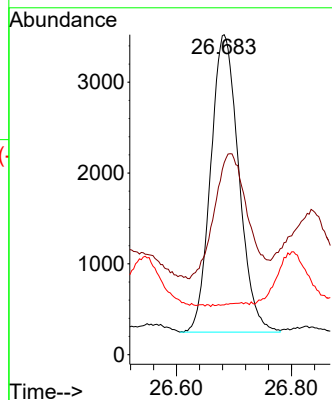
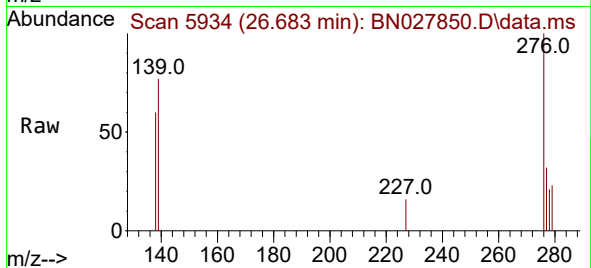
Tgt Ion:276 Resp: 11092

Ion Ratio Lower Upper

276 100

138 49.5 24.3 36.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul

RT: 26.700 min Scan# 5939

Delta R.T. -0.007 min

Lab File: BN027850.D

Acq: 23 Sep 2023 07:19

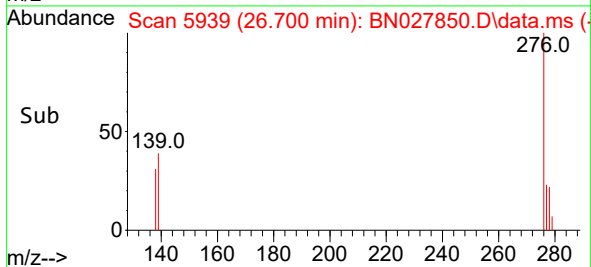
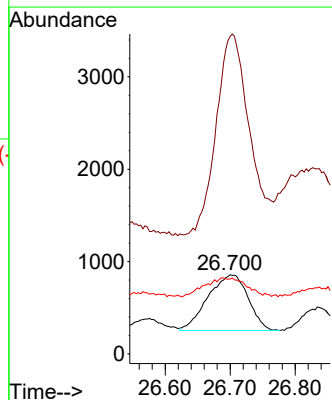
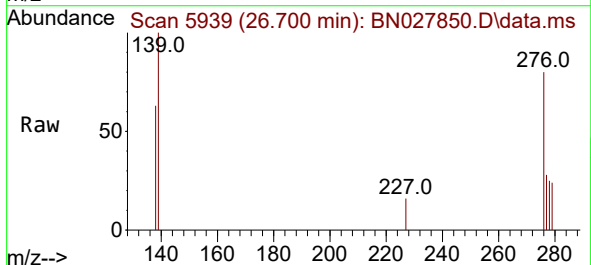
Tgt Ion:278 Resp: 2578

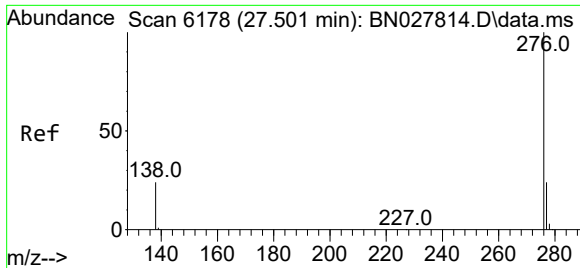
Ion Ratio Lower Upper

278 100

139 401.1 17.2 25.8#

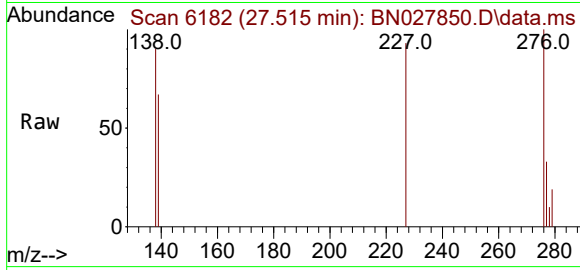
279 94.6 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 27.515 min Scan# 61
Delta R.T. 0.010 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:276 Resp: 13264
Ion Ratio Lower Upper
276 100
138 89.9 21.7 32.5#
277 32.6 20.2 30.2#

