

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028091.D
 Acq On : 06 Oct 2023 19:06
 Operator : MA/JU
 Sample : 04527-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:32:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

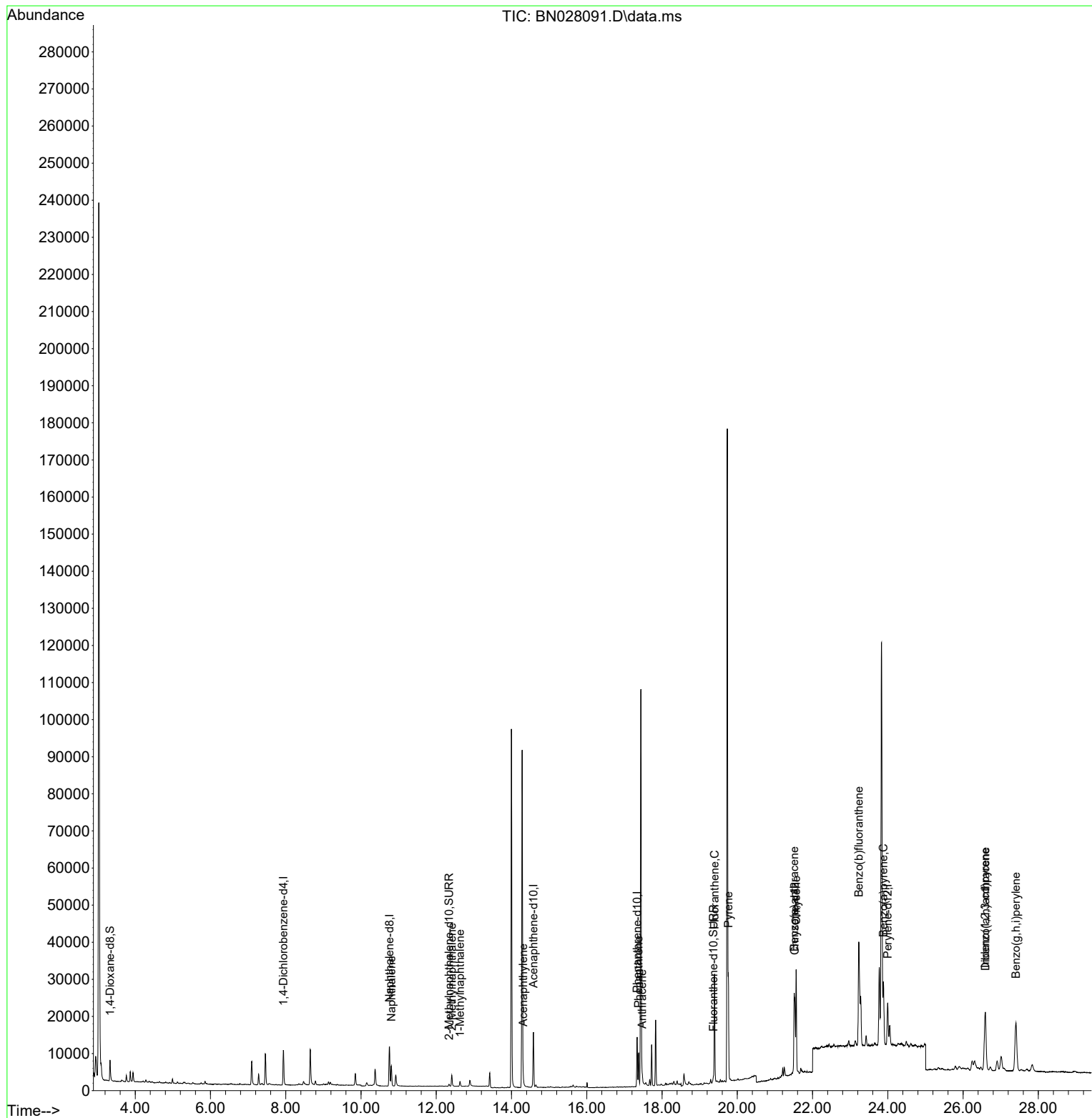
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4883	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	15540	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	14115	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	15737	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4275	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	849	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1715	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	7399	0.172	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	2359	0.087	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	972	0.035	ng/ul	100
10) Acenaphthylene	14.310	152	1541	0.042	ng/ul#	83
15) Phenanthrene	17.380	178	9692	0.209	ng/ul	97
16) Anthracene	17.472	178	1853	0.045	ng/ul#	80
19) Fluoranthene	19.394	202	24885	0.462	ng/ul	98
20) Pyrene	19.762	202	22358	0.400	ng/ul	98
21) Benzo(a)anthracene	21.510	228	17449	0.339	ng/ul#	89
22) Chrysene	21.565	228	29881	0.574	ng/ul#	93
24) Benzo(b)fluoranthene	23.228	252	67716	1.160	ng/ul	87
26) Benzo(a)pyrene	23.880	252	24762	0.498	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.589	276	29139	0.484	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.596	278	7831	0.160	ng/ul#	23
29) Benzo(g,h,i)perylene	27.404	276	31264	0.635	ng/ul#	91

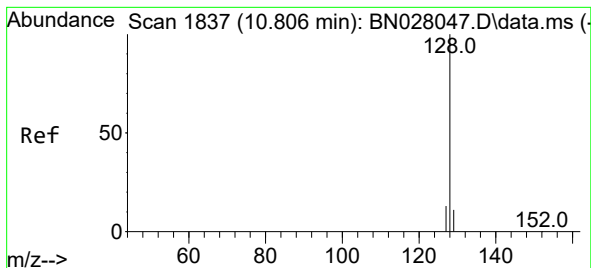
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.172 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. -0.000 min

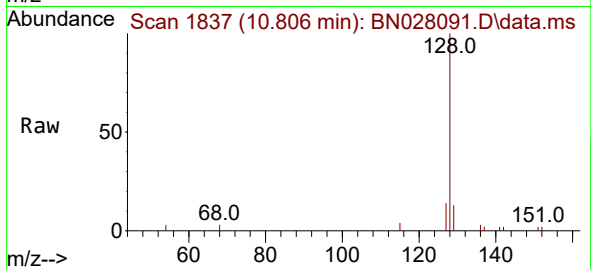
Lab File: BN028091.D

Acq: 06 Oct 2023 19:06

Instrument :

BNA_G

ClientSampleId :



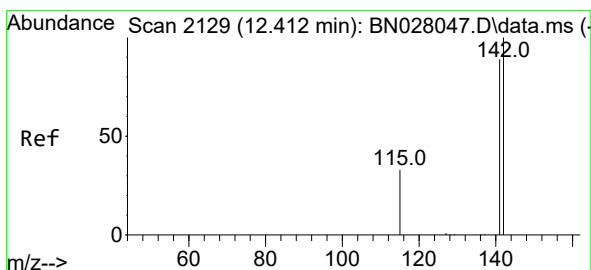
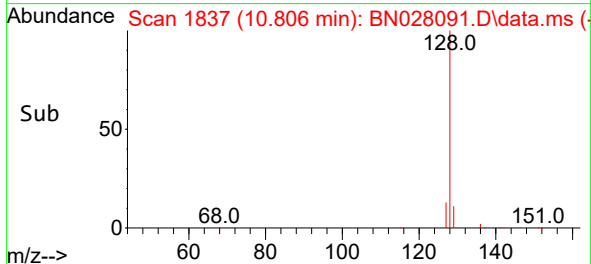
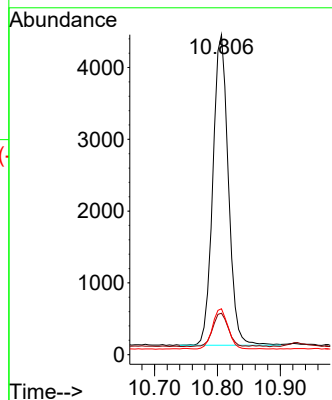
Tgt Ion:128 Resp: 7399

Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.0

127 14.3 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.087 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BN028091.D

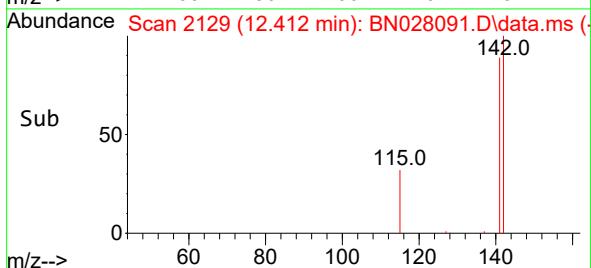
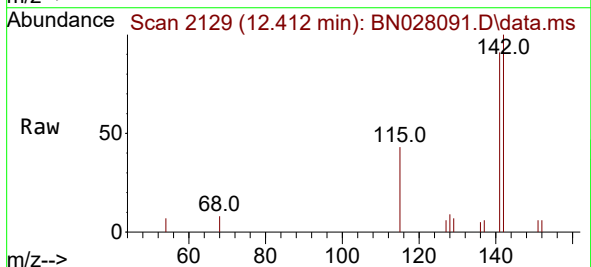
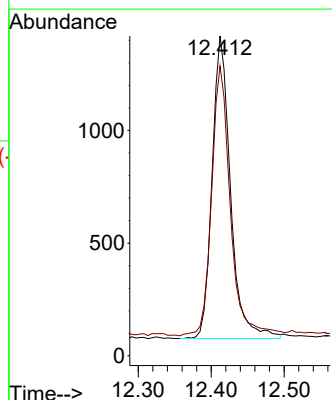
Acq: 06 Oct 2023 19:06

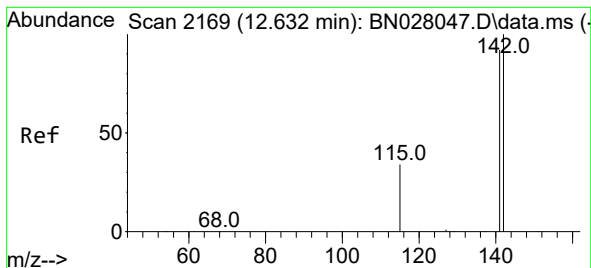
Tgt Ion:142 Resp: 2359

Ion Ratio Lower Upper

142 100

141 90.4 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.005 min

Lab File: BN028091.D

Acq: 06 Oct 2023 19:06

Instrument :

BNA_G

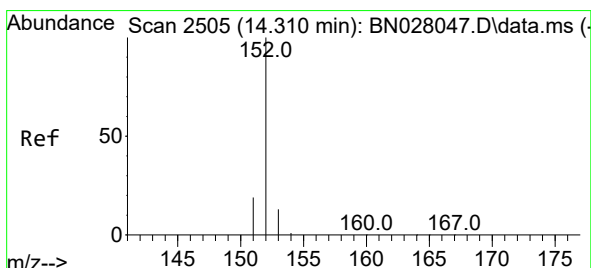
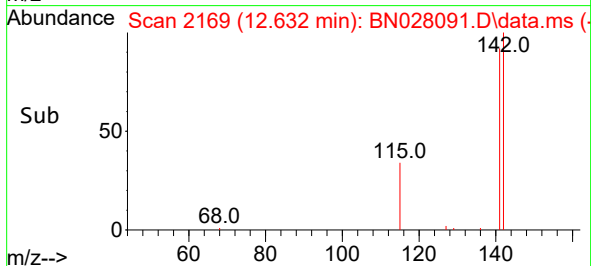
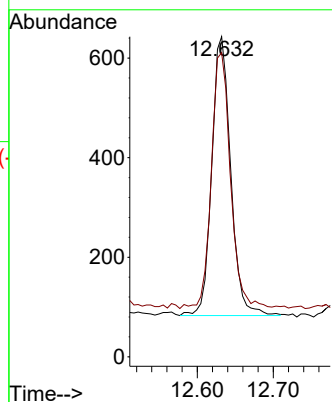
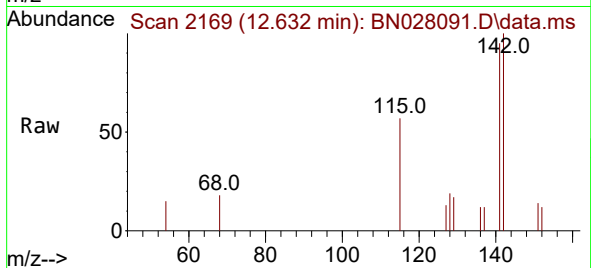
ClientSampleId :

Tgt Ion:142 Resp: 972

Ion Ratio Lower Upper

142 100

141 92.9 74.4 111.6



#10

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.000 min

Lab File: BN028091.D

Acq: 06 Oct 2023 19:06

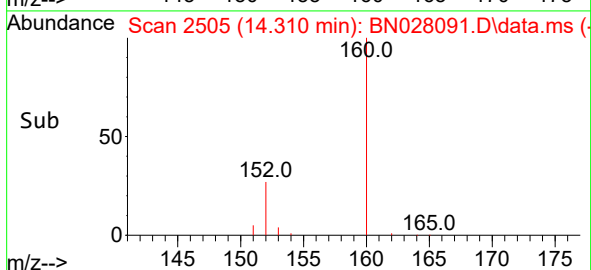
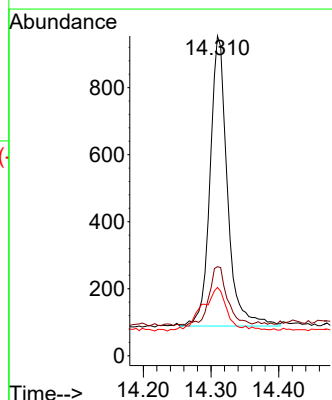
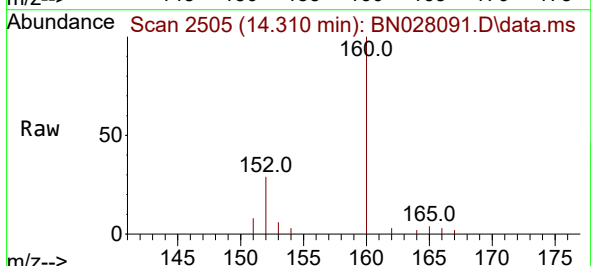
Tgt Ion:152 Resp: 1541

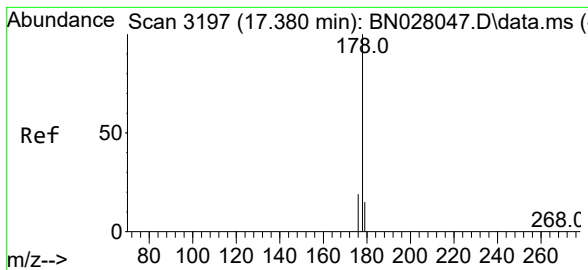
Ion Ratio Lower Upper

152 100

151 27.9 16.4 24.6#

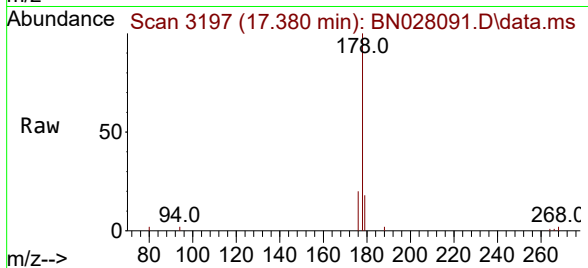
153 21.4 10.9 16.3#



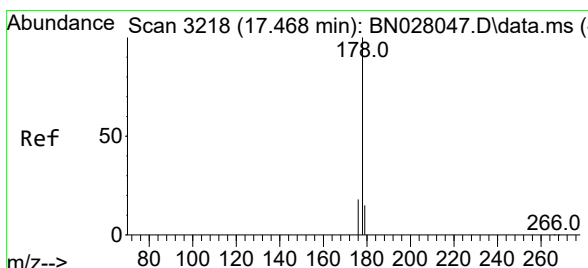
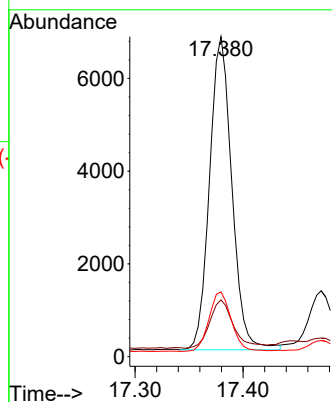


#15
 Phenanthrene
 Concen: 0.209 ng/ul
 RT: 17.380 min Scan# 3197
 Delta R.T. 0.004 min
 Lab File: BN028091.D
 Acq: 06 Oct 2023 19:06

Instrument :
 BNA_G
 ClientSampleId :

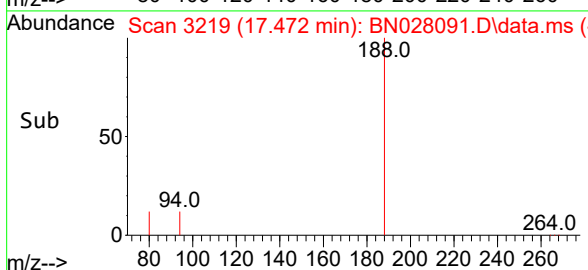
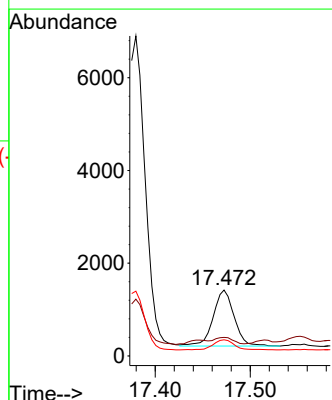
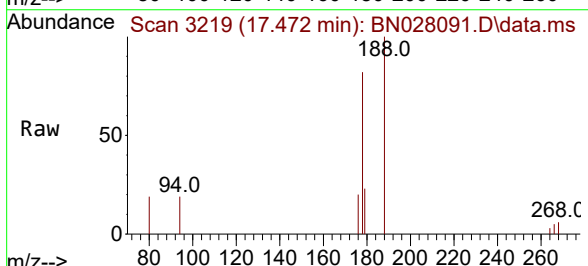


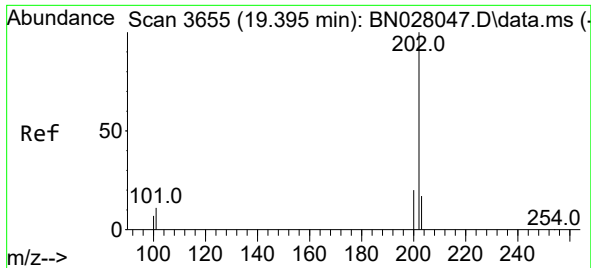
Tgt Ion:	178	Resp:	9692
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.6	19.0
176	20.2	15.5	23.3



#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028091.D
 Acq: 06 Oct 2023 19:06

Tgt Ion:	178	Resp:	1853
Ion Ratio	Lower	Upper	
178	100		
179	28.3	12.8	19.2#
176	24.5	15.0	22.6#

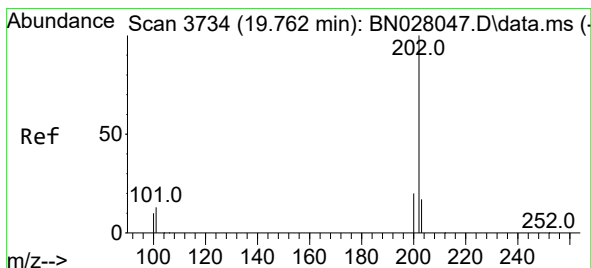
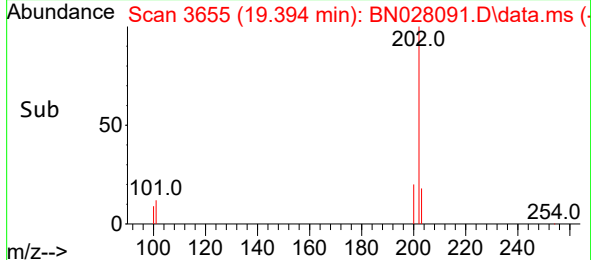
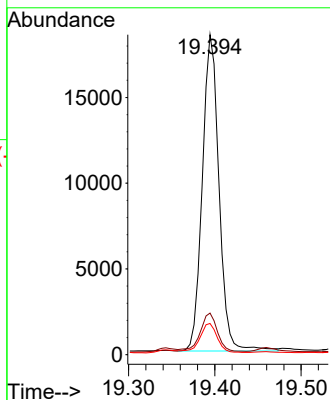
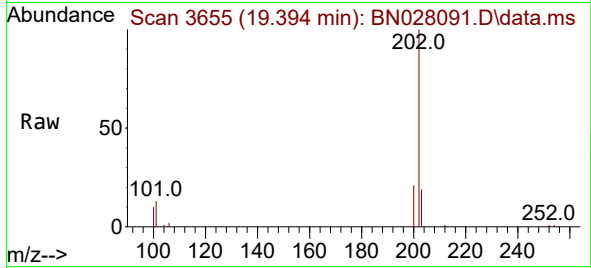




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

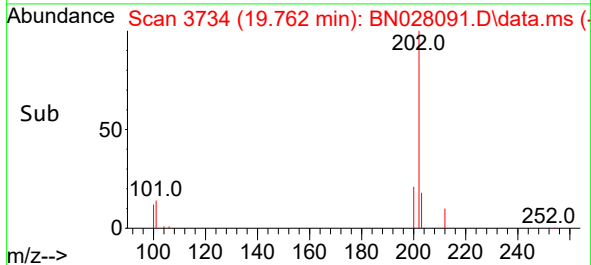
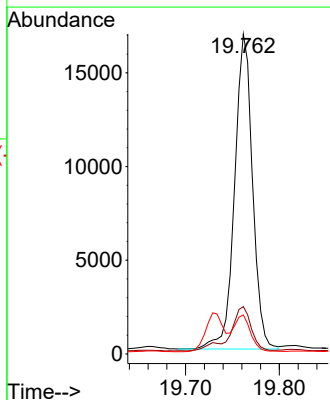
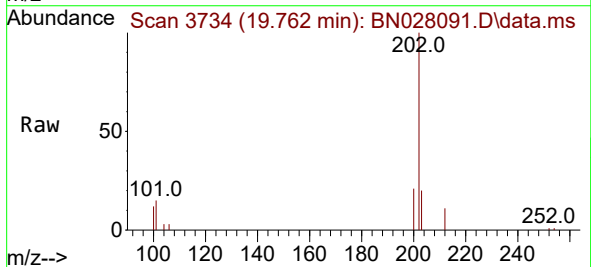
Instrument :
BNA_G
ClientSampleId :

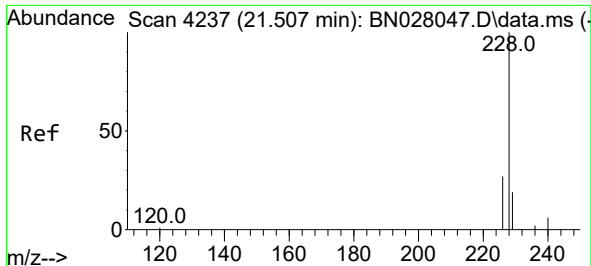
Tgt Ion:202 Resp: 24885
Ion Ratio Lower Upper
202 100
101 13.0 9.6 14.4
100 9.8 7.4 11.0



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

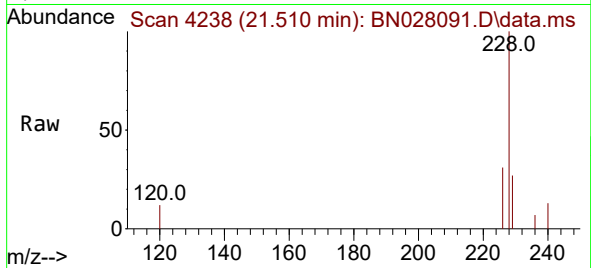
Tgt Ion:202 Resp: 22358
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 12.2 9.1 13.7



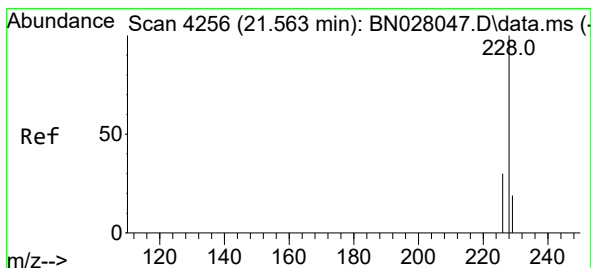
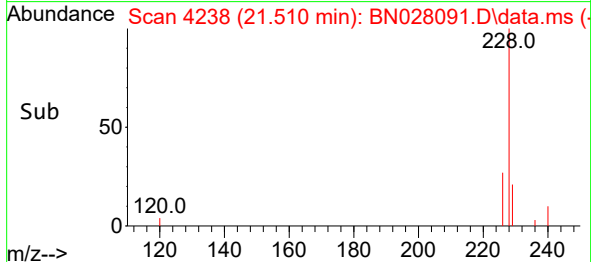
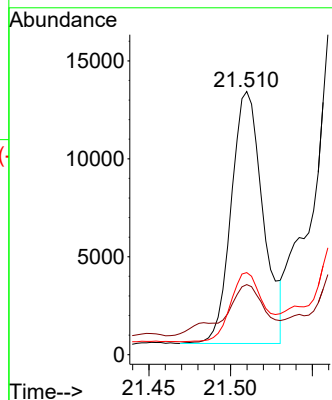


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.510 min Scan# 4237
Delta R.T. 0.009 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

Instrument :
BNA_G
ClientSampleId :

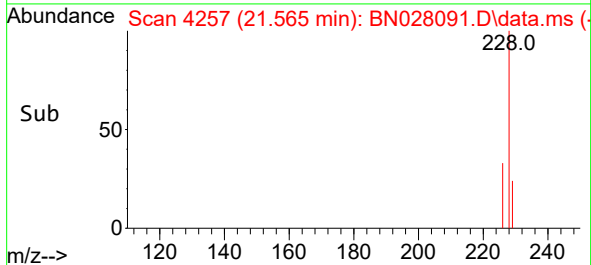
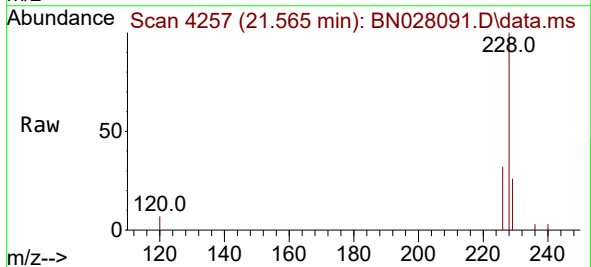
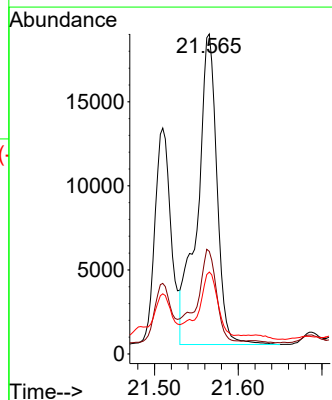


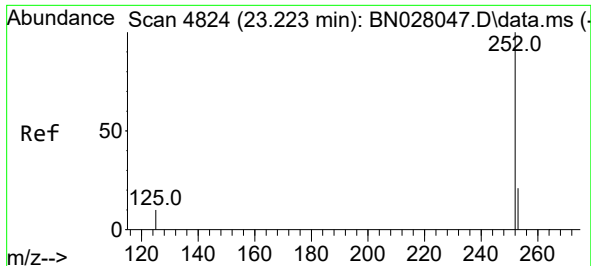
Tgt Ion:228 Resp: 17449
Ion Ratio Lower Upper
228 100
229 26.6 16.0 24.0#
226 31.2 21.5 32.3



#22
Chrysene
Concen: 0.574 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

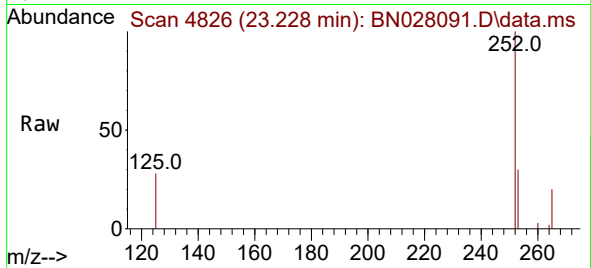
Tgt Ion:228 Resp: 29881
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.8
229 25.6 16.0 24.0#



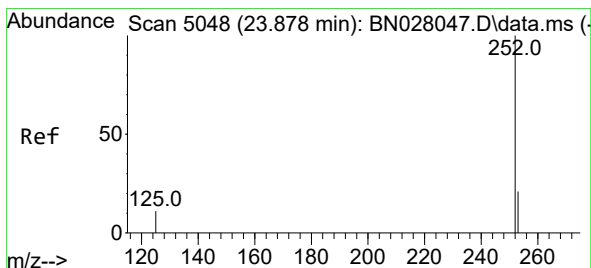
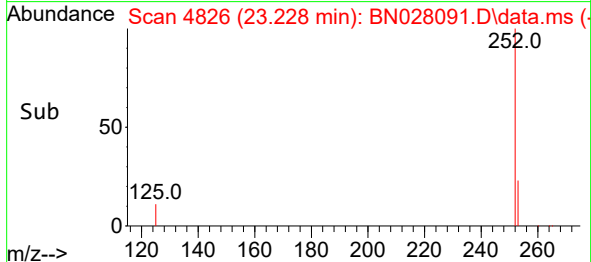
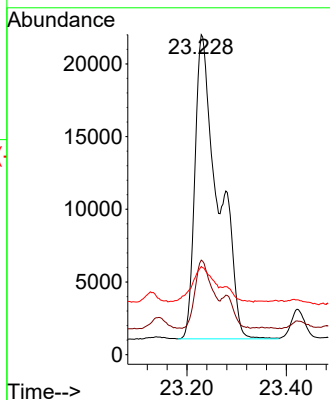


#24
Benzo(b)fluoranthene
Concen: 1.160 ng/ul
RT: 23.228 min Scan# 4824
Delta R.T. 0.012 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

Instrument :
BNA_G
ClientSampleId :

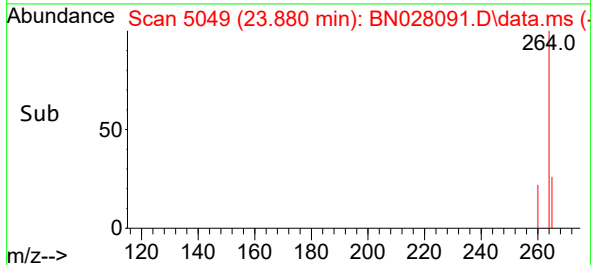
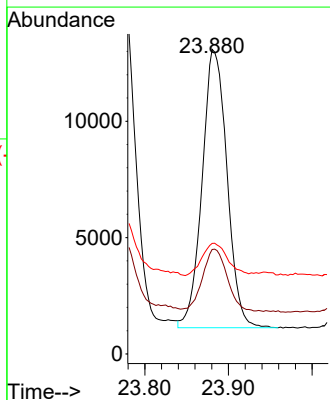
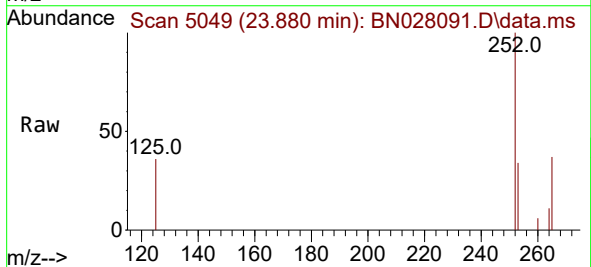


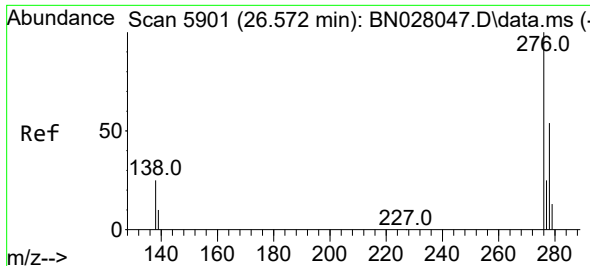
Tgt Ion:252 Resp: 67716
Ion Ratio Lower Upper
252 100
253 29.5 0.0 54.0
125 27.5 0.0 31.4



#26
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.880 min Scan# 5049
Delta R.T. 0.012 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

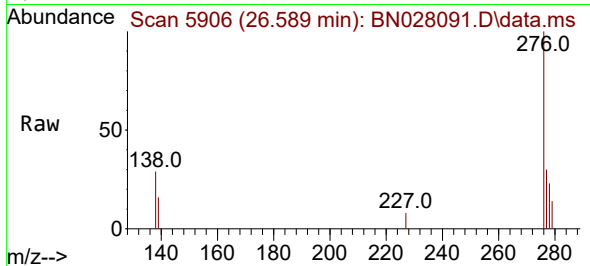
Tgt Ion:252 Resp: 24762
Ion Ratio Lower Upper
252 100
253 34.3 23.4 35.2
125 36.3 15.3 22.9



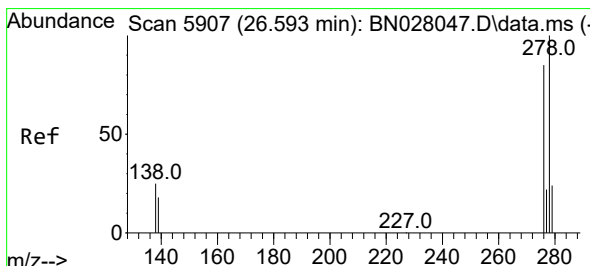
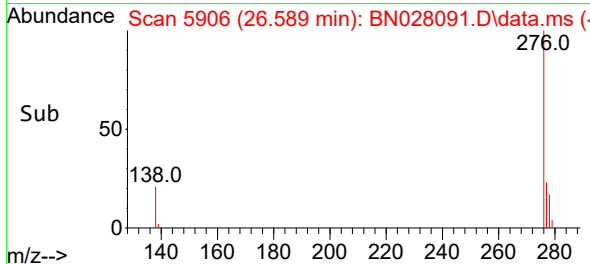
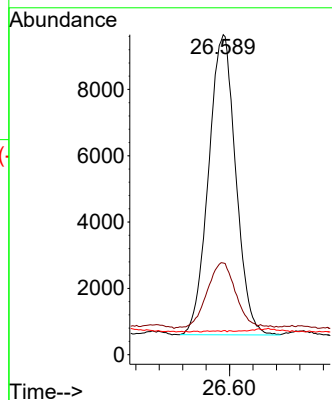


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.484 ng/ul
 RT: 26.589 min Scan# 5906
 Delta R.T. 0.023 min
 Lab File: BN028091.D
 Acq: 06 Oct 2023 19:06

Instrument :
 BNA_G
 ClientSampleId :

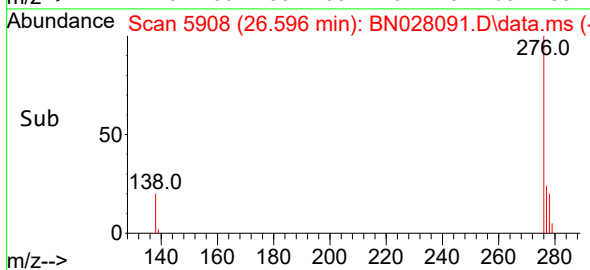
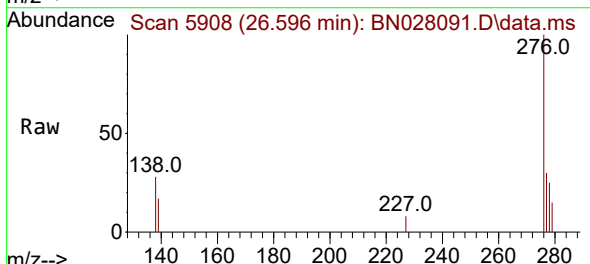
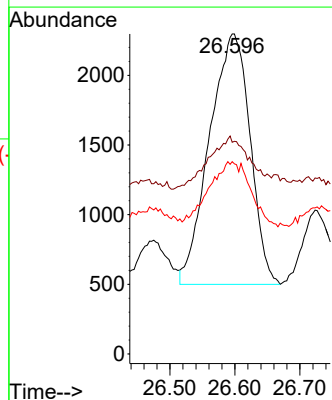


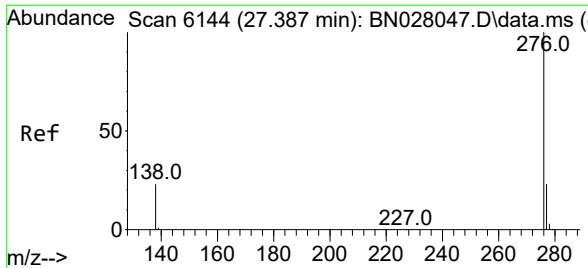
Tgt Ion:276 Resp: 29139
 Ion Ratio Lower Upper
 276 100
 138 23.7 21.6 32.4
 227 0.1 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.160 ng/ul
 RT: 26.596 min Scan# 5908
 Delta R.T. 0.013 min
 Lab File: BN028091.D
 Acq: 06 Oct 2023 19:06

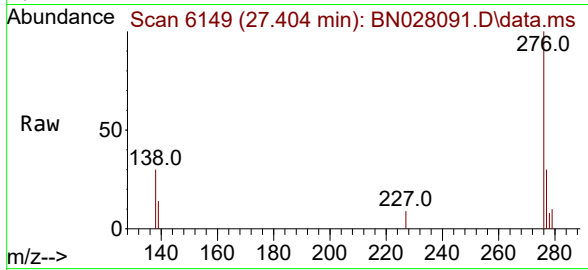
Tgt Ion:278 Resp: 7831
 Ion Ratio Lower Upper
 278 100
 139 66.2 15.9 23.9#
 279 60.1 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.635 ng/ul
 RT: 27.404 min Scan# 6149
 Delta R.T. 0.027 min
 Lab File: BN028091.D
 Acq: 06 Oct 2023 19:06

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	31264
Ion Ratio	Lower	Upper	
276	100		
138	29.9	19.8	29.6#
277	30.0	20.6	31.0

