

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028084.D
 Acq On : 06 Oct 2023 14:39
 Operator : MA/JU
 Sample : 04527-07DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:31:00 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)

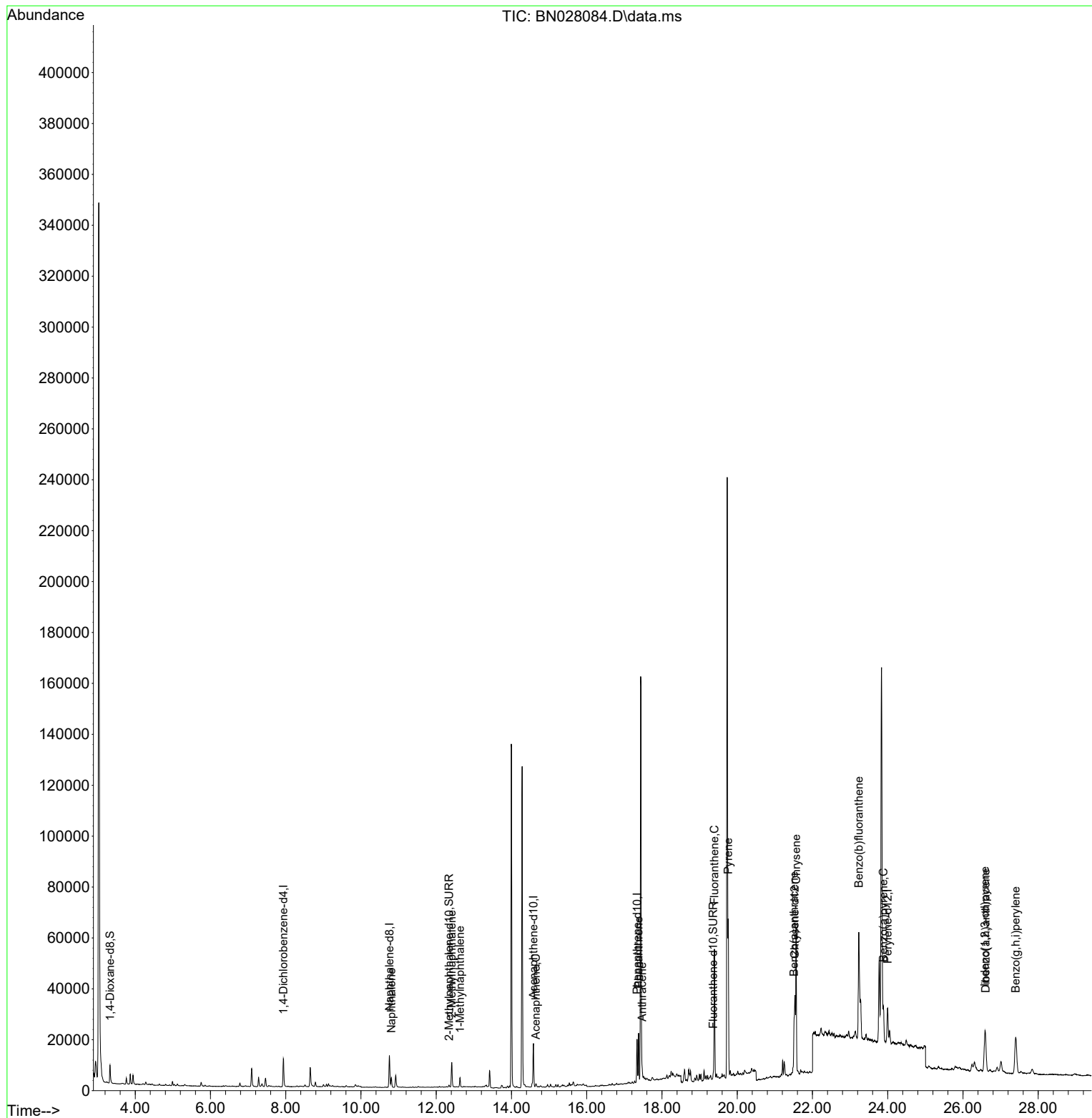
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	18084	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	19785	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	17157	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	18845	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	5468	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1167	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	2410	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	5059	0.099	ng/ul#	95
7) 2-Methylnaphthalene	12.412	142	7509	0.232	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	2565	0.077	ng/ul	98
11) Acenaphthene	14.647	153	862	0.025	ng/ul#	84
15) Phenanthrene	17.379	178	19326	0.328	ng/ul#	95
16) Anthracene	17.472	178	3738	0.071	ng/ul#	73
19) Fluoranthene	19.394	202	44233	0.675	ng/ul	98
20) Pyrene	19.761	202	48985	0.721	ng/ul	98
21) Benzo(a)anthracene	21.510	228	15962	0.255	ng/ul#	85
22) Chrysene	21.565	228	51111	0.808	ng/ul#	95
24) Benzo(b)fluoranthene	23.231	252	91923	1.315	ng/ul#	74
26) Benzo(a)pyrene	23.886	252	21255	0.357	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.585	276	31308	0.434	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.602	278	7261	0.124	ng/ul#	1
29) Benzo(g,h,i)perylene	27.404	276	34473	0.585	ng/ul#	86

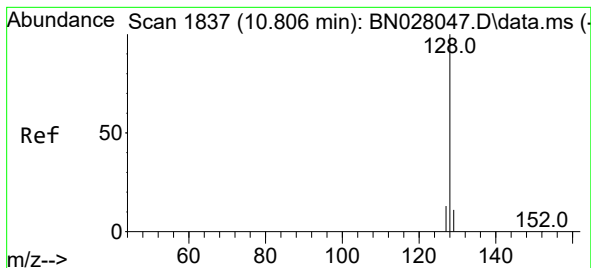
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.099 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. 0.000 min

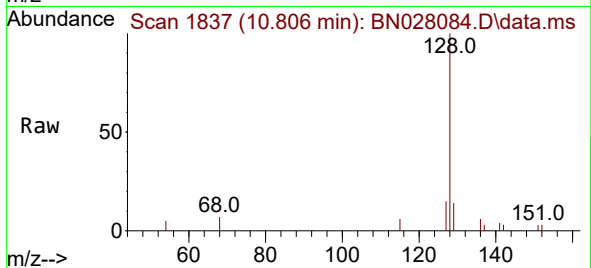
Lab File: BN028084.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_G

ClientSampleId :



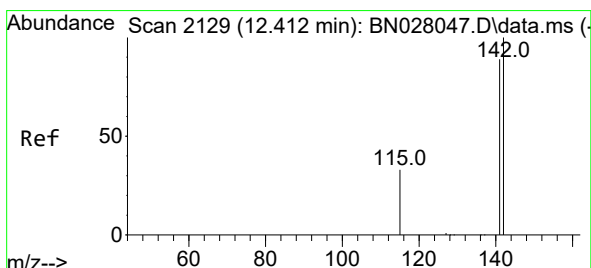
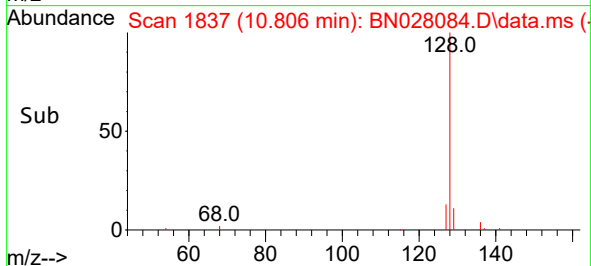
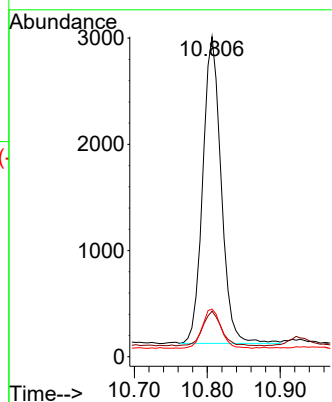
Tgt Ion:128 Resp: 5059

Ion Ratio Lower Upper

128 100

129 14.2 9.4 14.0#

127 14.9 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.232 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN028084.D

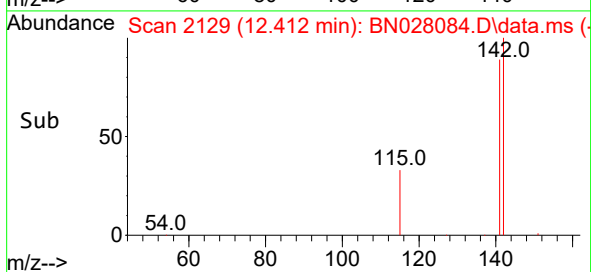
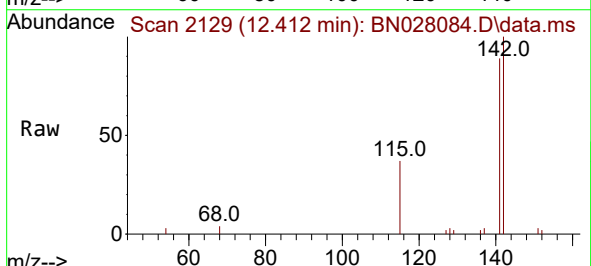
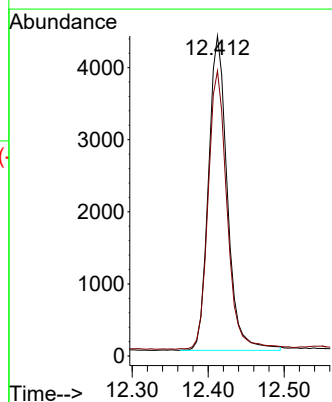
Acq: 06 Oct 2023 14:39

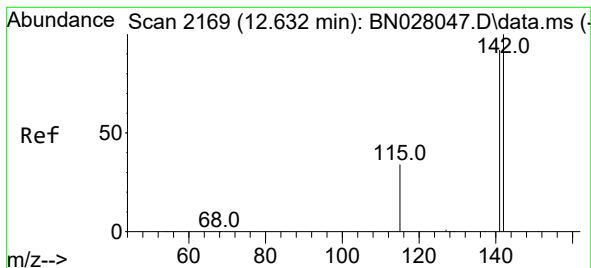
Tgt Ion:142 Resp: 7509

Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.077 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BN028084.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_G

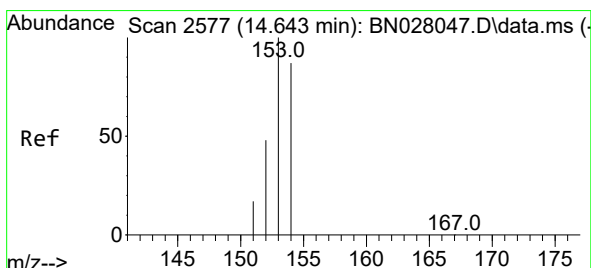
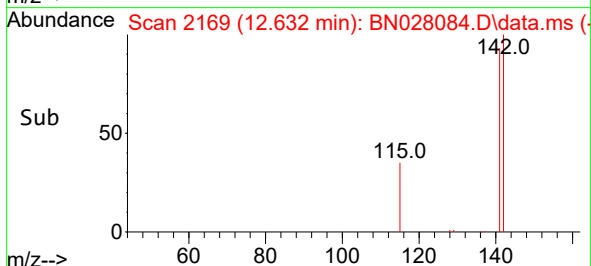
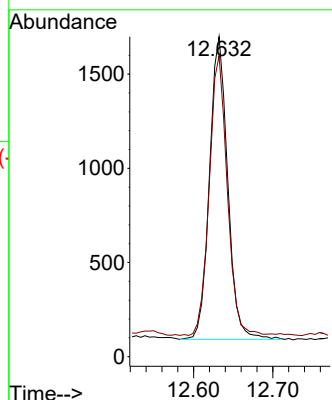
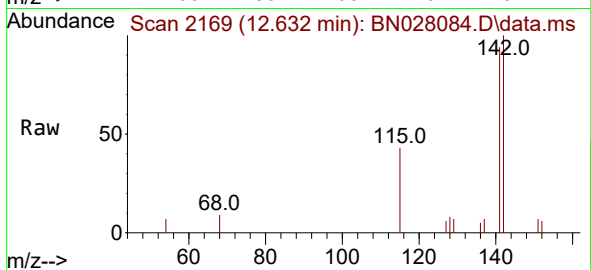
ClientSampleId :

Tgt Ion:142 Resp: 2565

Ion Ratio Lower Upper

142 100

141 91.2 74.4 111.6



#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.647 min Scan# 2578

Delta R.T. 0.005 min

Lab File: BN028084.D

Acq: 06 Oct 2023 14:39

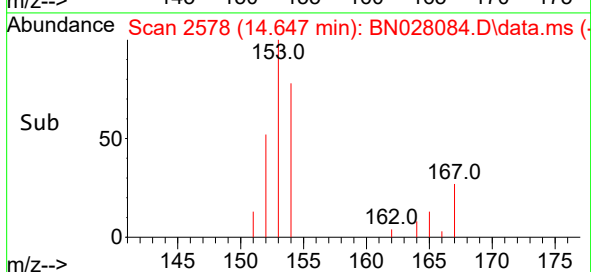
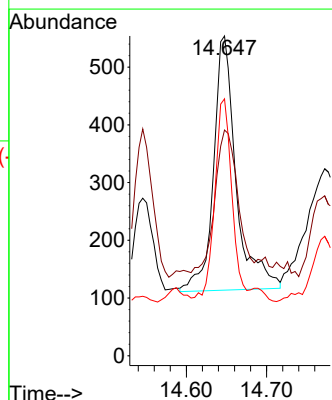
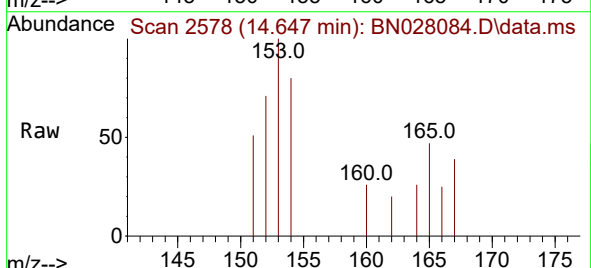
Tgt Ion:153 Resp: 862

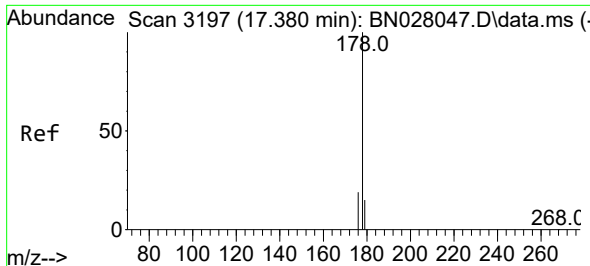
Ion Ratio Lower Upper

153 100

152 70.6 39.4 59.0#

154 80.3 70.2 105.4

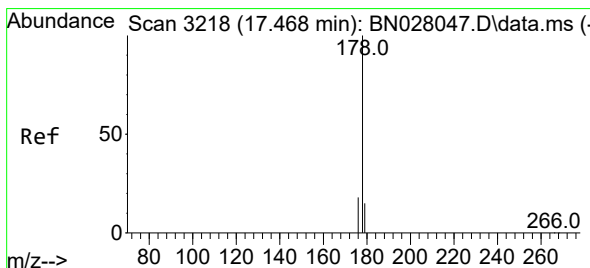
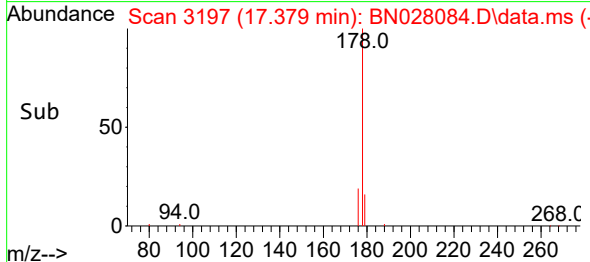
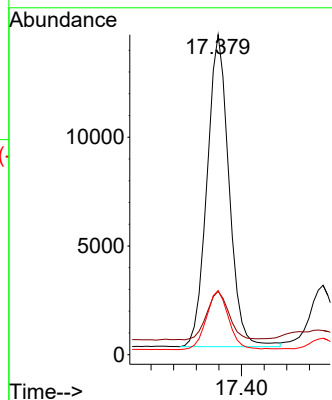
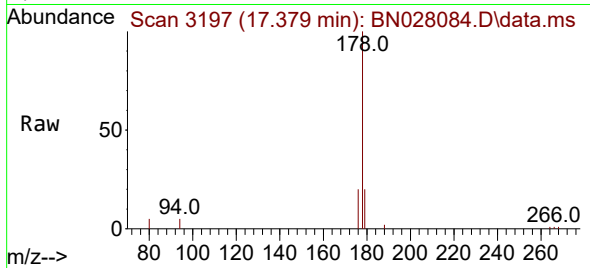




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.379 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

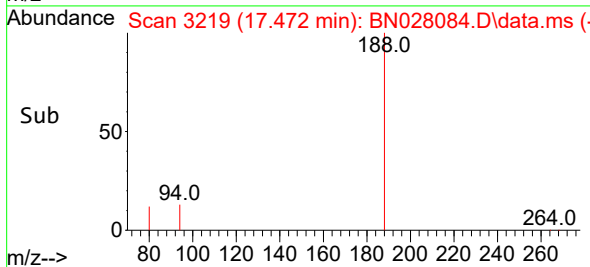
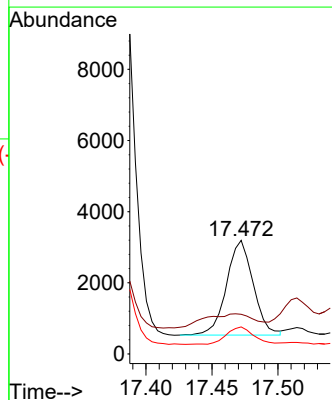
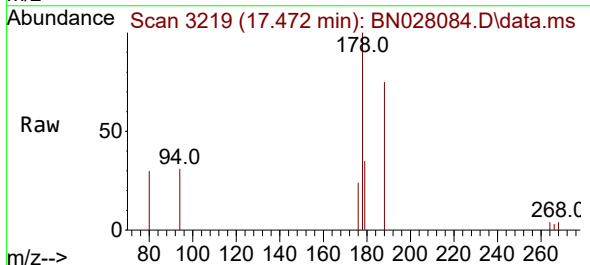
Instrument :
BNA_G
ClientSampleId :

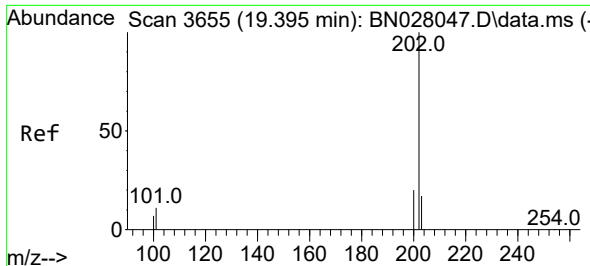
Tgt Ion:178 Resp: 19326
Ion Ratio Lower Upper
178 100
179 19.8 12.6 19.0#
176 20.1 15.5 23.3



#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

Tgt Ion:178 Resp: 3738
Ion Ratio Lower Upper
178 100
179 34.9 12.8 19.2#
176 23.8 15.0 22.6#

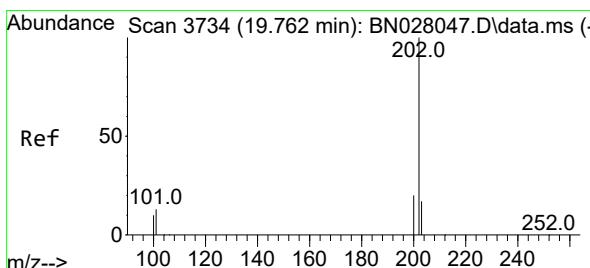
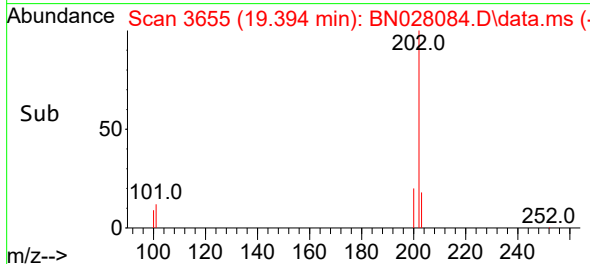
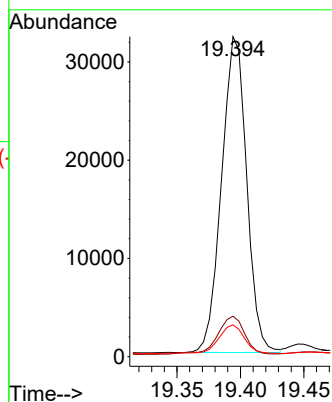
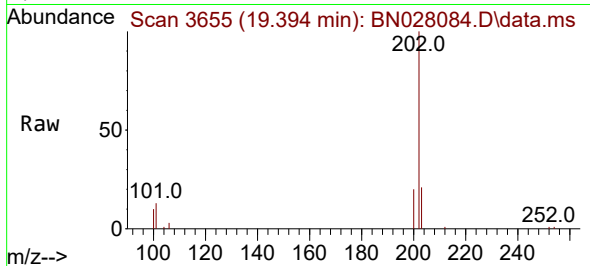




#19
Fluoranthene
Concen: 0.675 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

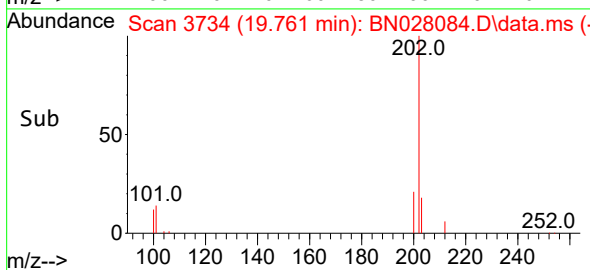
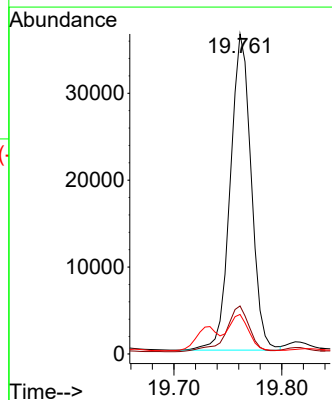
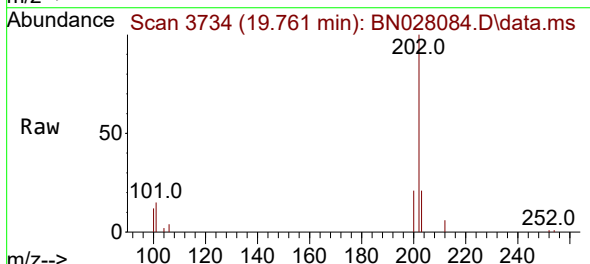
Instrument :
BNA_G
ClientSampleId :

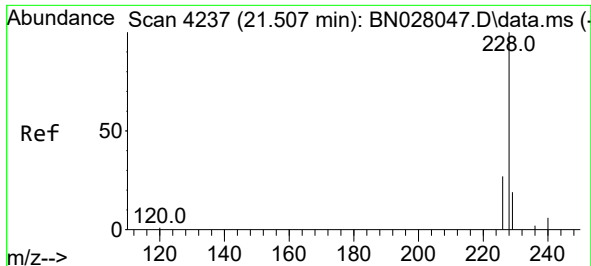
Tgt Ion:202 Resp: 44233
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 9.9 7.4 11.0



#20
Pyrene
Concen: 0.721 ng/ul
RT: 19.761 min Scan# 3734
Delta R.T. 0.004 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

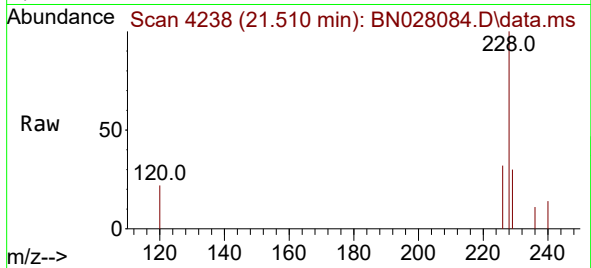
Tgt Ion:202 Resp: 48985
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 12.3 9.1 13.7



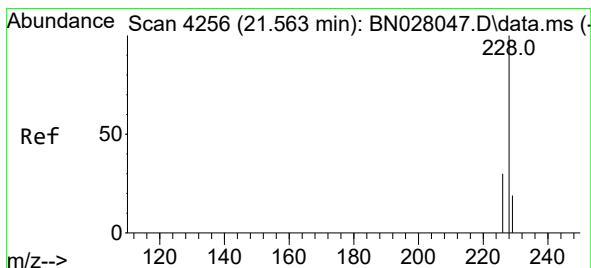
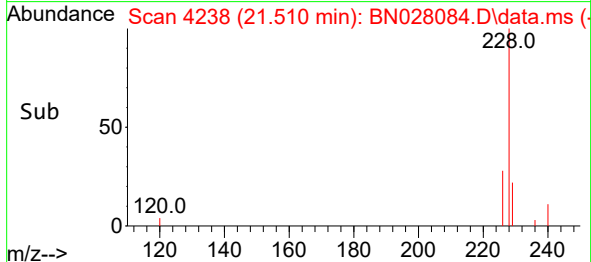
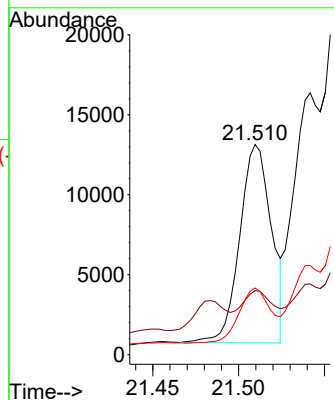


#21
Benzo(a)anthracene
Concen: 0.255 ng/ul
RT: 21.510 min Scan# 4237
Delta R.T. 0.008 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_G
ClientSampleId :

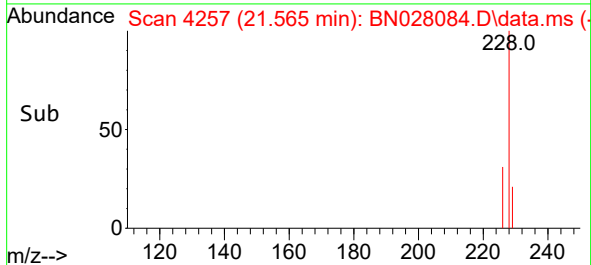
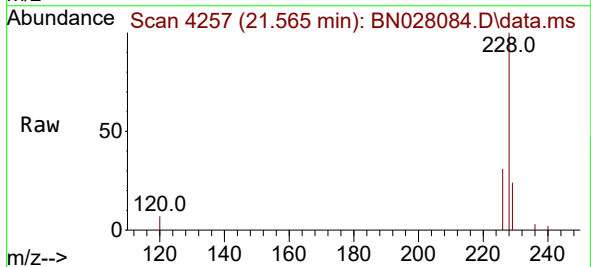
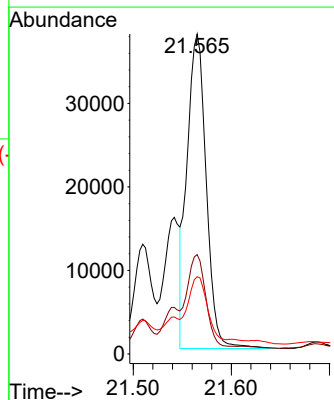


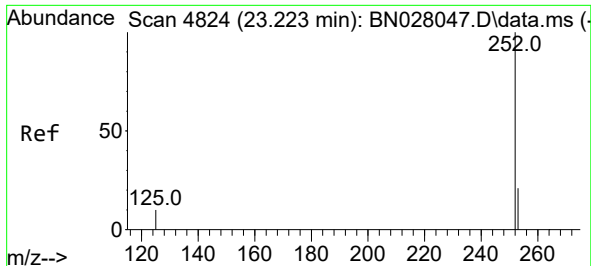
Tgt Ion:228 Resp: 15962
Ion Ratio Lower Upper
228 100
229 30.4 16.0 24.0#
226 31.7 21.5 32.3



#22
Chrysene
Concen: 0.808 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.008 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

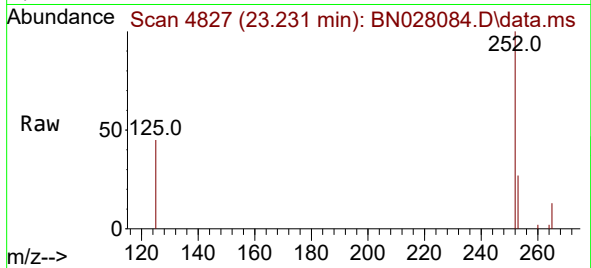
Tgt Ion:228 Resp: 51111
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 24.2 16.0 24.0#



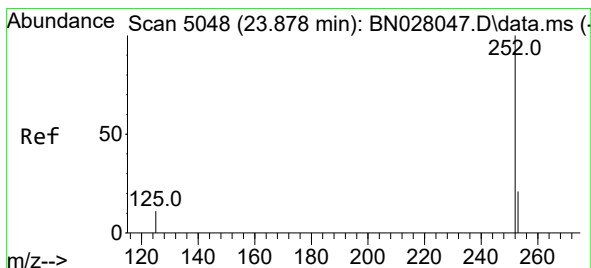
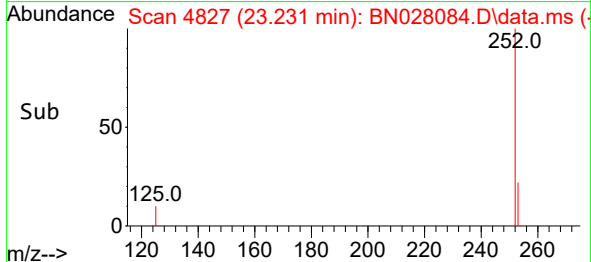
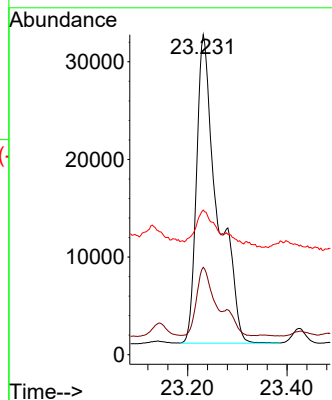


#24
Benzo(b)fluoranthene
Concen: 1.315 ng/ul
RT: 23.231 min Scan# 41
Delta R.T. 0.014 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_G
ClientSampleId :

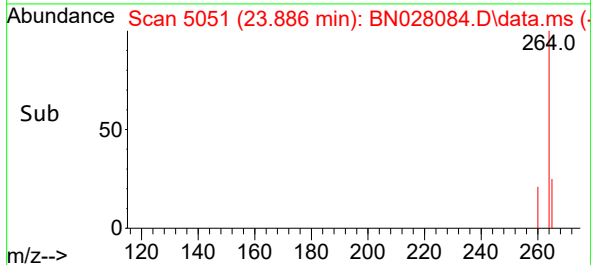
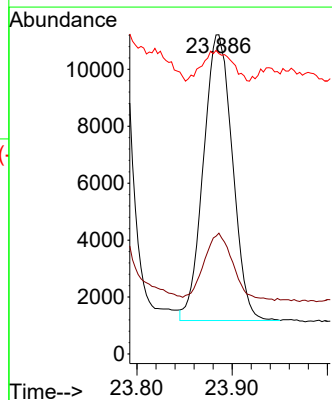
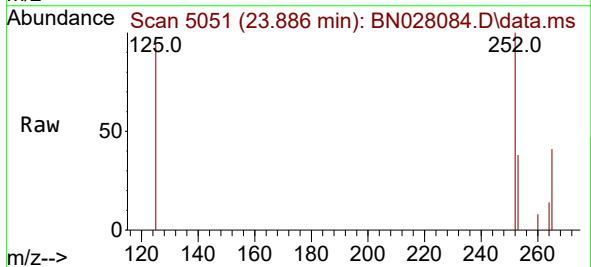


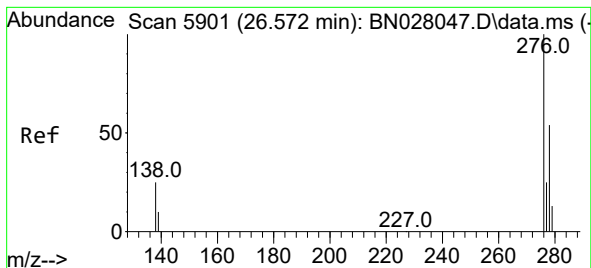
Tgt Ion:252 Resp: 91923
Ion Ratio Lower Upper
252 100
253 27.3 0.0 54.0
125 45.2 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.886 min Scan# 5051
Delta R.T. 0.017 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

Tgt Ion:252 Resp: 21255
Ion Ratio Lower Upper
252 100
253 37.8 23.4 35.2#
125 94.1 15.3 22.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.434 ng/ul

RT: 26.585 min Scan# 5910

Delta R.T. 0.020 min

Lab File: BN028084.D

Acq: 06 Oct 2023 14:39

Instrument :

BNA_G

ClientSampleId :

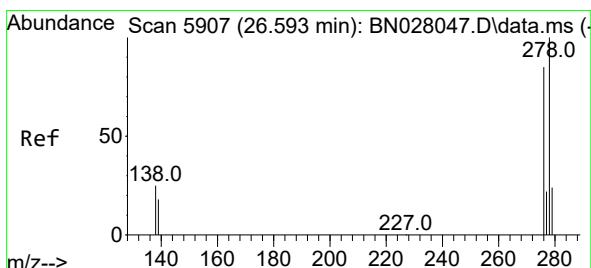
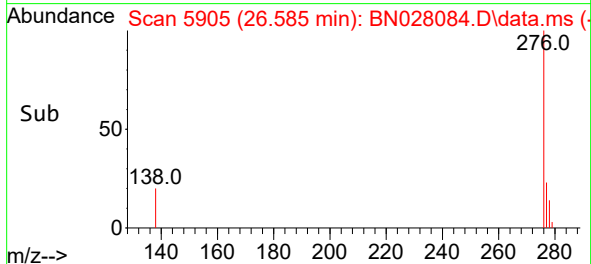
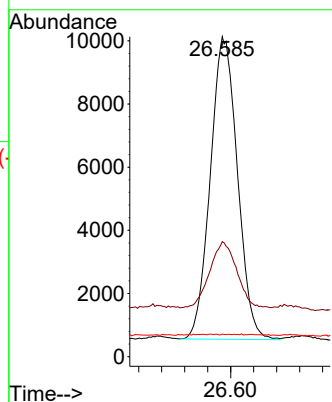
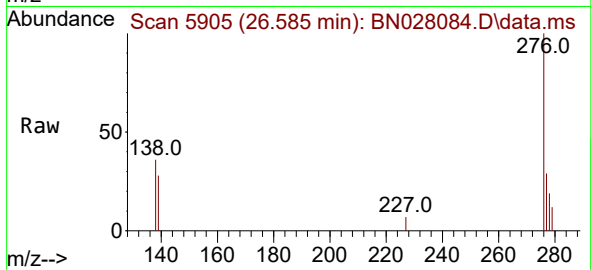
Tgt Ion:276 Resp: 31308

Ion Ratio Lower Upper

276 100

138 23.1 21.6 32.4

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.124 ng/ul

RT: 26.602 min Scan# 5910

Delta R.T. 0.020 min

Lab File: BN028084.D

Acq: 06 Oct 2023 14:39

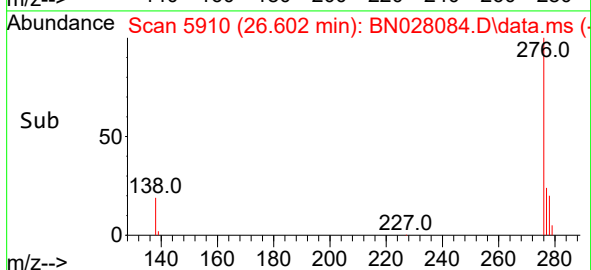
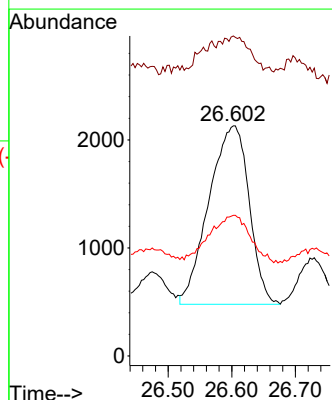
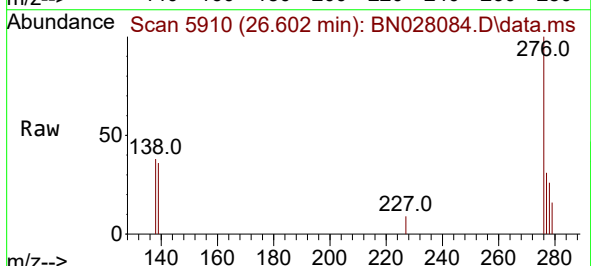
Tgt Ion:278 Resp: 7261

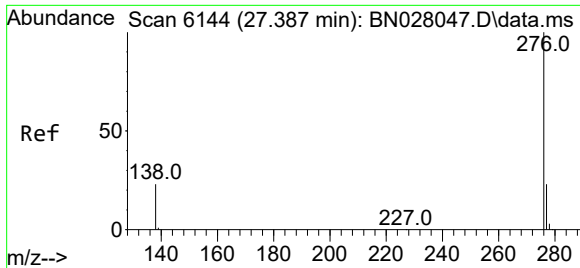
Ion Ratio Lower Upper

278 100

139 139.1 15.9 23.9#

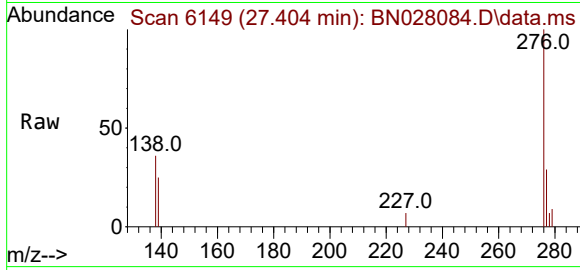
279 61.1 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.585 ng/ul
RT: 27.404 min Scan# 6149
Delta R.T. 0.027 min
Lab File: BN028084.D
Acq: 06 Oct 2023 14:39

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 34473
Ion Ratio Lower Upper
276 100
138 35.9 19.8 29.6#
277 29.1 20.6 31.0

