

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028092.D
 Acq On : 06 Oct 2023 19:43
 Operator : MA/JU
 Sample : 04527-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:32:22 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)

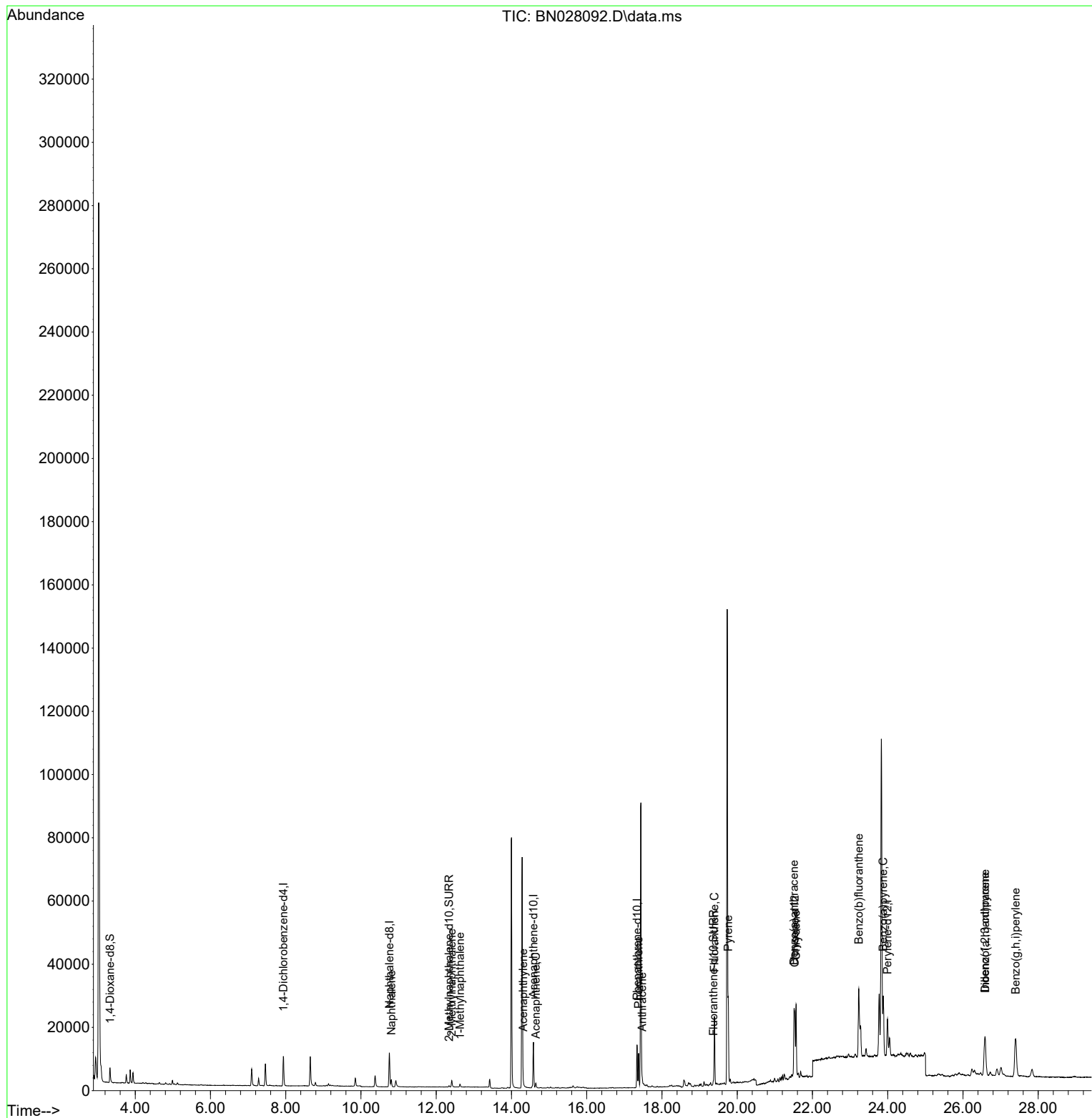
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15434	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8022	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	15802	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	14584	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	16379	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3544	0.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	688	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1435	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	3048	0.070	ng/ul#	92
7) 2-Methylnaphthalene	12.412	142	1674	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	698	0.024	ng/ul	97
10) Acenaphthylene	14.310	152	975	0.027	ng/ul#	72
11) Acenaphthene	14.648	153	956	0.033	ng/ul	96
15) Phenanthrene	17.379	178	11557	0.245	ng/ul	98
16) Anthracene	17.472	178	1568	0.037	ng/ul#	80
19) Fluoranthene	19.394	202	18892	0.339	ng/ul	99
20) Pyrene	19.761	202	21844	0.378	ng/ul	98
21) Benzo(a)anthracene	21.510	228	16506	0.310	ng/ul#	88
22) Chrysene	21.562	228	27446	0.510	ng/ul#	91
24) Benzo(b)fluoranthene	23.231	252	50260	0.828	ng/ul	87
26) Benzo(a)pyrene	23.880	252	27579	0.533	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.586	276	23067	0.368	ng/ul	93
28) Dibenzo(a,h)anthracene	26.592	278	6484	0.127	ng/ul#	22
29) Benzo(g,h,i)perylene	27.397	276	28804	0.562	ng/ul	93

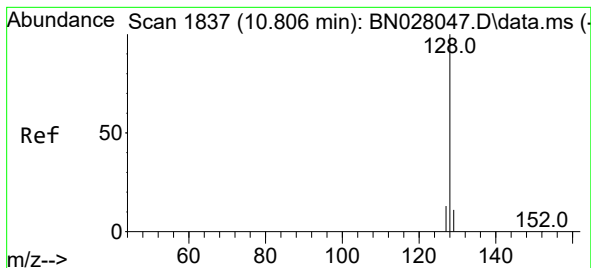
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.070 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. 0.000 min

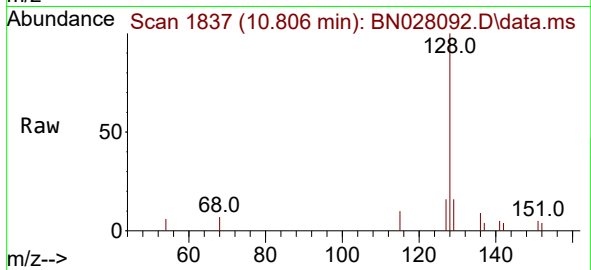
Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

Instrument :

BNA_G

ClientSampleId :



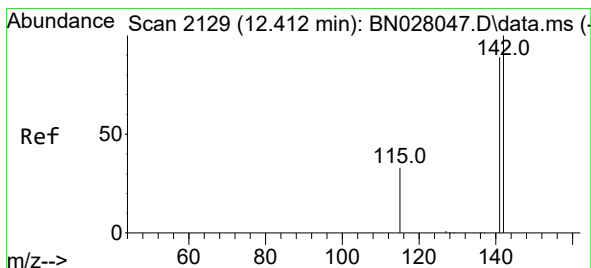
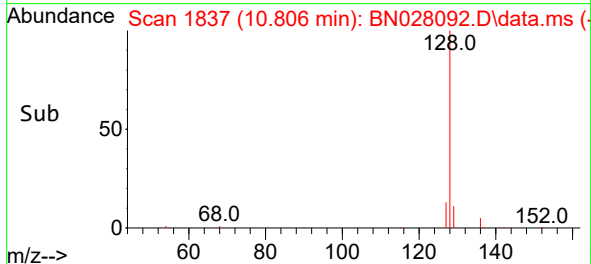
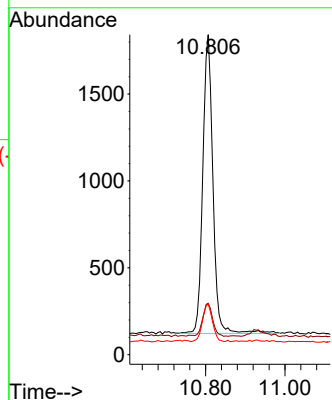
Tgt Ion:128 Resp: 3048

Ion Ratio Lower Upper

128 100

129 16.1 9.4 14.0#

127 15.9 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.061 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN028092.D

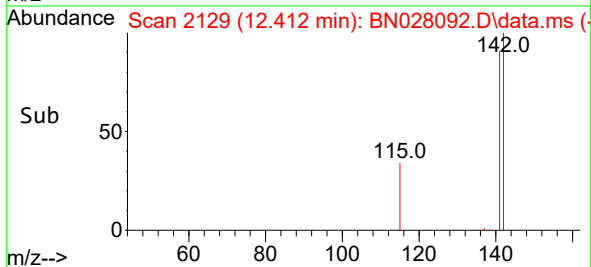
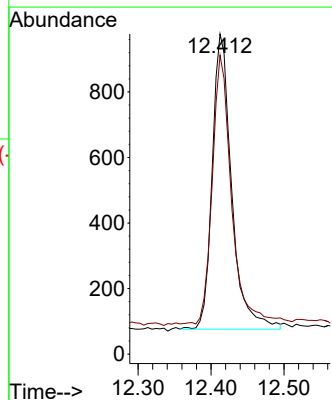
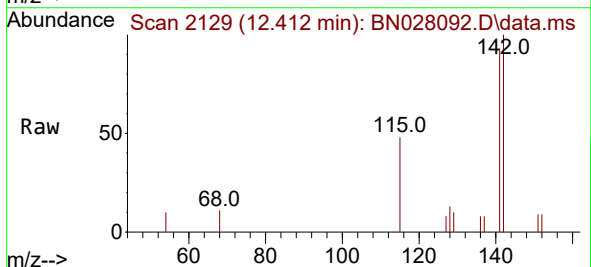
Acq: 06 Oct 2023 19:43

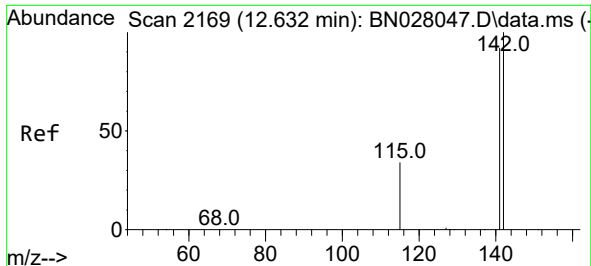
Tgt Ion:142 Resp: 1674

Ion Ratio Lower Upper

142 100

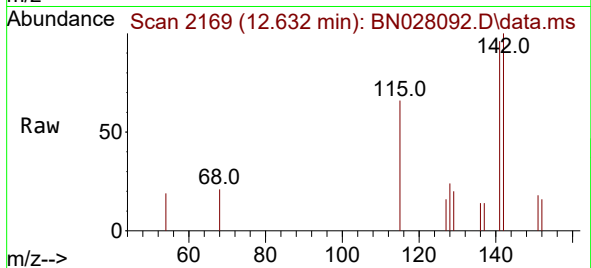
141 89.2 70.9 106.3



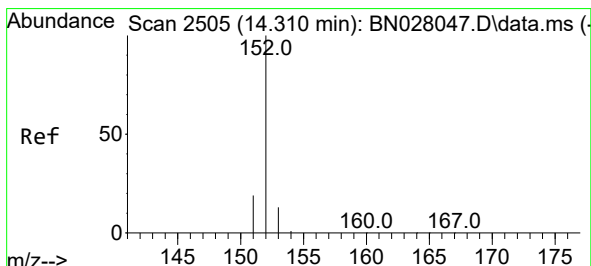
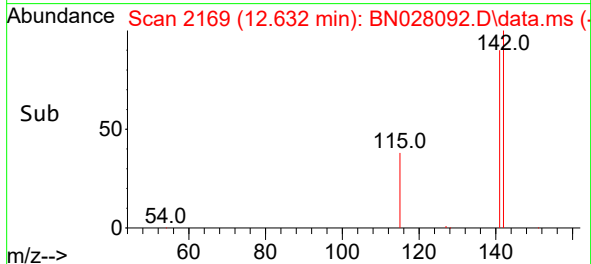
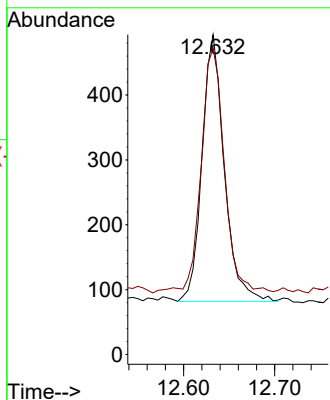


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Instrument :
BNA_G
ClientSampleId :

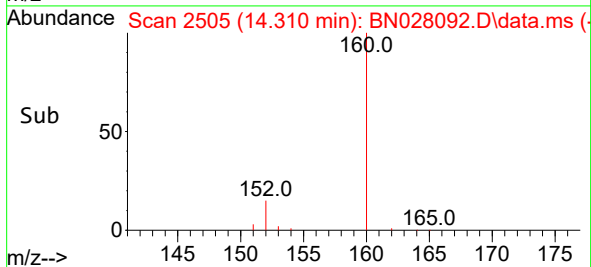
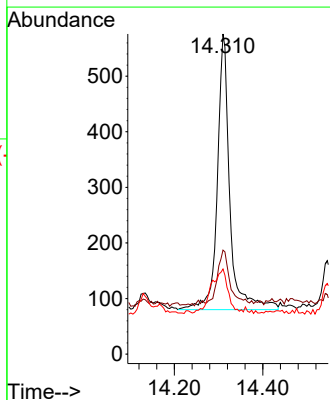
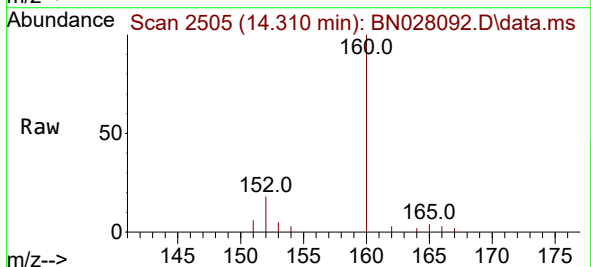


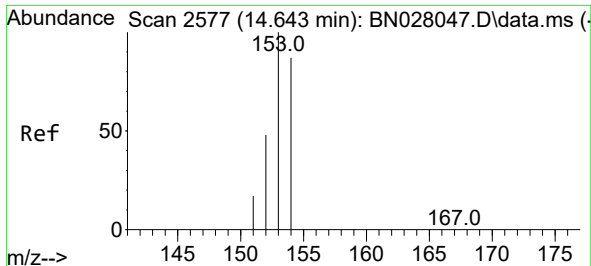
Tgt Ion:142 Resp: 698
Ion Ratio Lower Upper
142 100
141 95.8 74.4 111.6



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

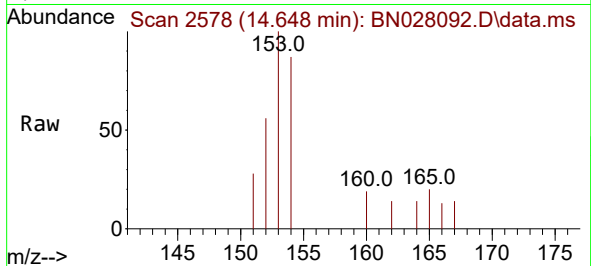
Tgt Ion:152 Resp: 975
Ion Ratio Lower Upper
152 100
151 32.5 16.4 24.6#
153 26.6 10.9 16.3#



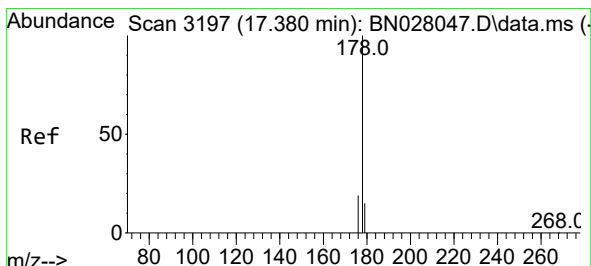
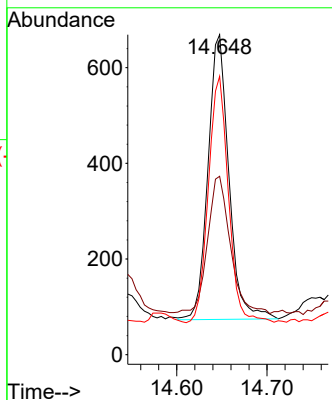
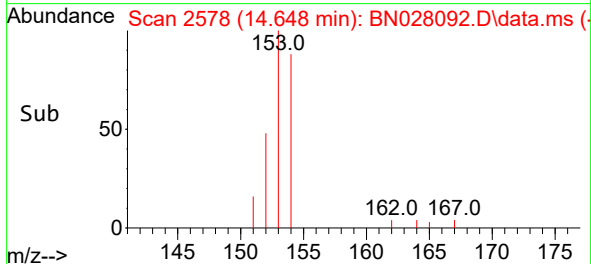


#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.648 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

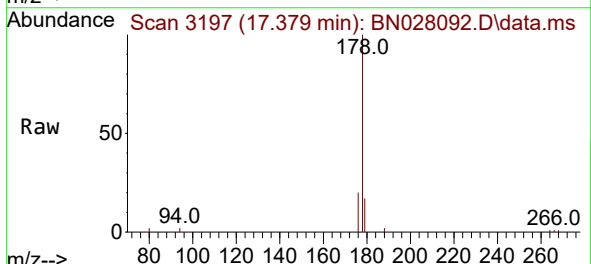
Instrument :
BNA_G
ClientSampleId :



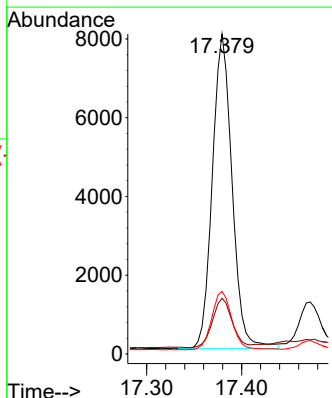
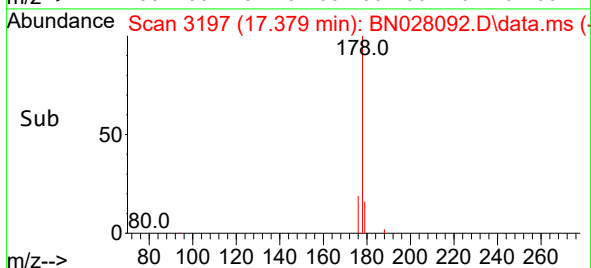
Tgt Ion:153 Resp: 956
Ion Ratio Lower Upper
153 100
152 55.8 39.4 59.0
154 87.0 70.2 105.4

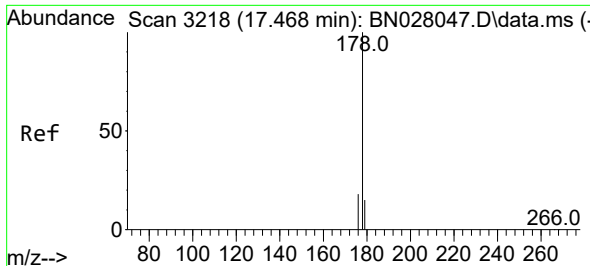


#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.379 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43



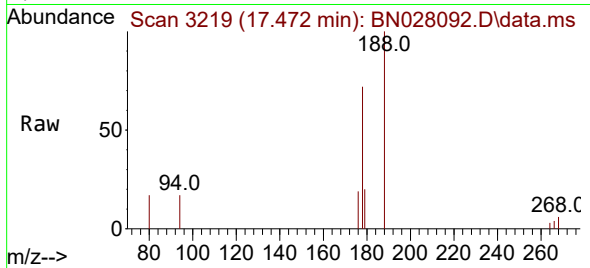
Tgt Ion:178 Resp: 11557
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 19.6 15.5 23.3



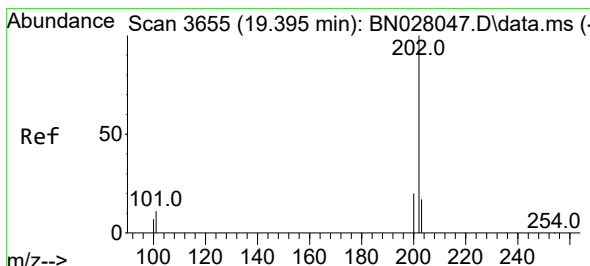
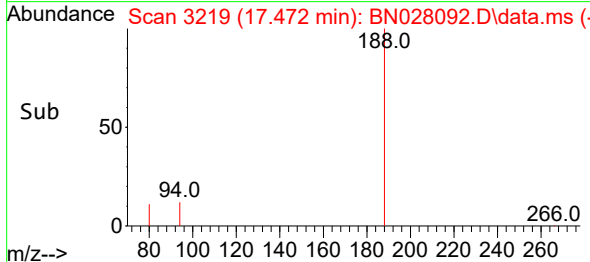
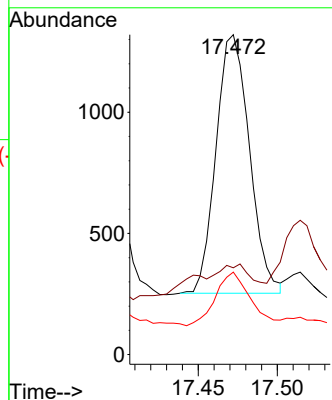


#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

Instrument :
 BNA_G
 ClientSampleId :

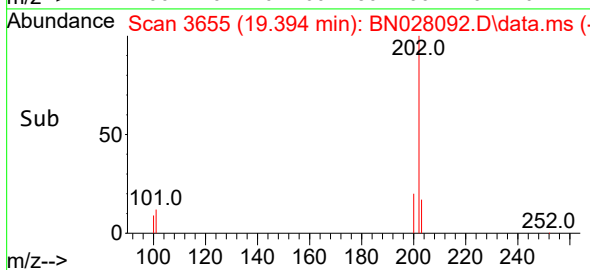
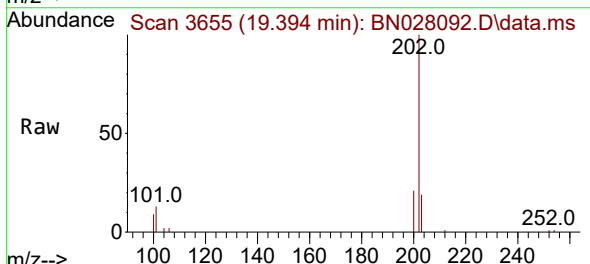
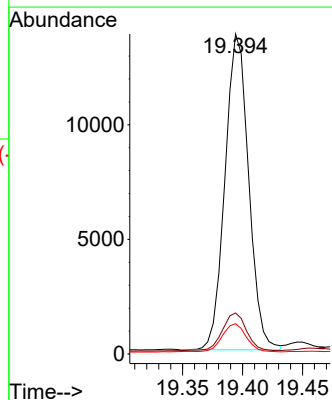


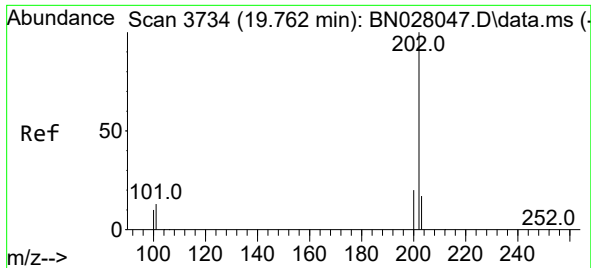
Tgt Ion:178 Resp: 1568
 Ion Ratio Lower Upper
 178 100
 179 27.1 12.8 19.2#
 176 25.8 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.339 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.004 min
 Lab File: BN028092.D
 Acq: 06 Oct 2023 19:43

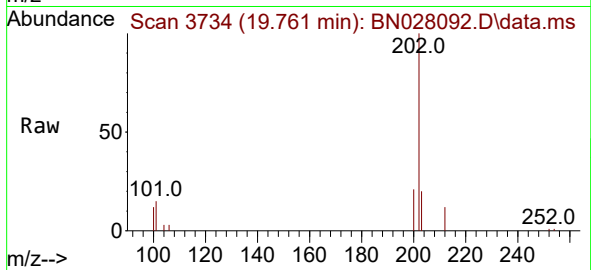
Tgt Ion:202 Resp: 18892
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.6 14.4
 100 9.5 7.4 11.0



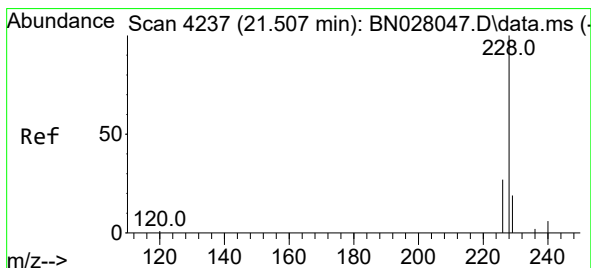
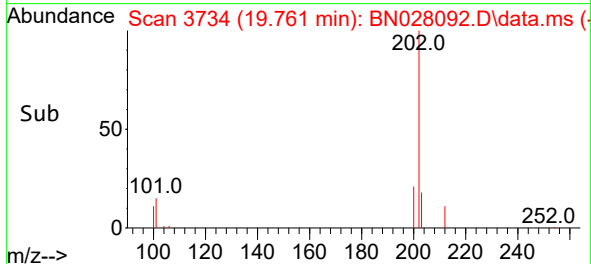
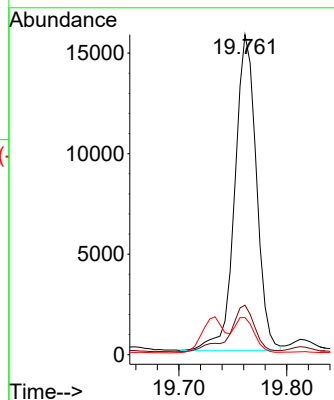


#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.761 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Instrument :
BNA_G
ClientSampleId :

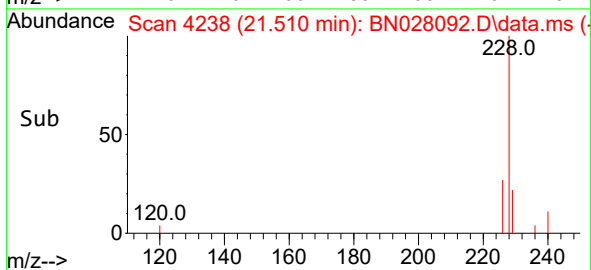
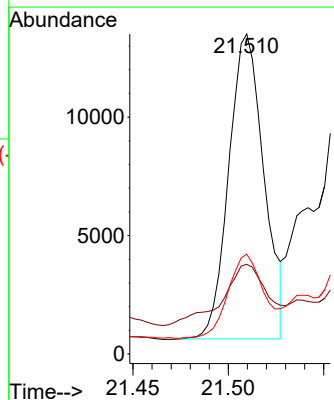
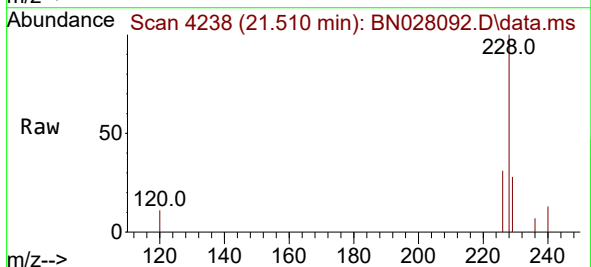


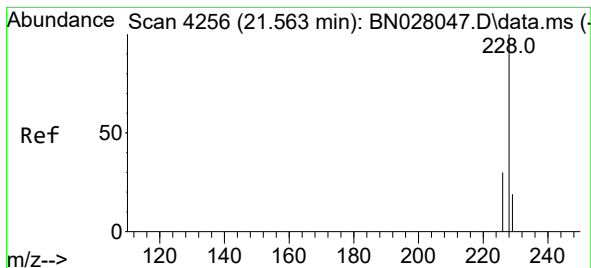
Tgt Ion:202 Resp: 21844
Ion Ratio Lower Upper
202 100
101 15.5 11.2 16.8
100 11.6 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.510 min Scan# 4238
Delta R.T. 0.008 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Tgt Ion:228 Resp: 16506
Ion Ratio Lower Upper
228 100
229 28.0 16.0 24.0#
226 31.2 21.5 32.3





#22

Chrysene

Concen: 0.510 ng/ul

RT: 21.562 min Scan# 4256

Delta R.T. 0.006 min

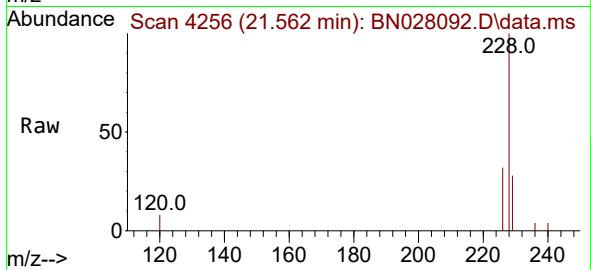
Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

Instrument :

BNA_G

ClientSampleId :



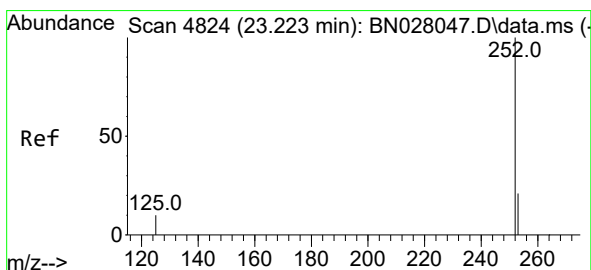
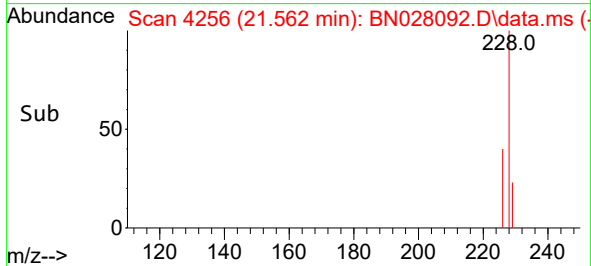
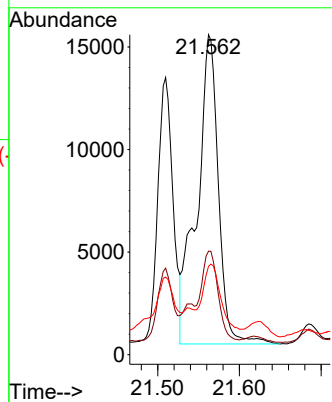
Tgt Ion:228 Resp: 27446

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.8

229 27.6 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.828 ng/ul

RT: 23.231 min Scan# 4827

Delta R.T. 0.014 min

Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

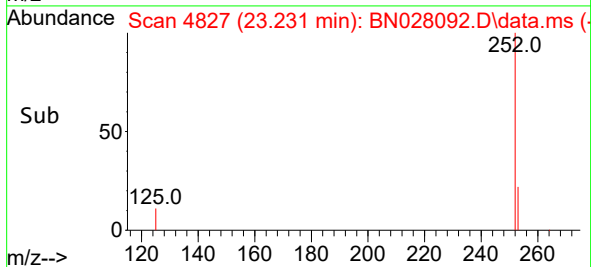
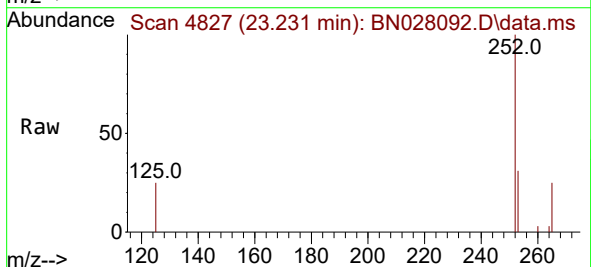
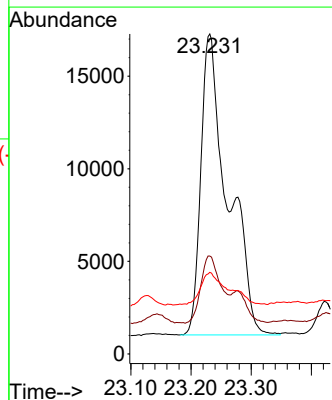
Tgt Ion:252 Resp: 50260

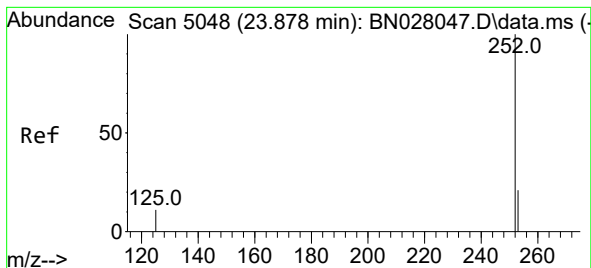
Ion Ratio Lower Upper

252 100

253 30.6 0.0 54.0

125 25.5 0.0 31.4





#26

Benzo(a)pyrene

Concen: 0.533 ng/ul

RT: 23.880 min Scan# 5048

Delta R.T. 0.011 min

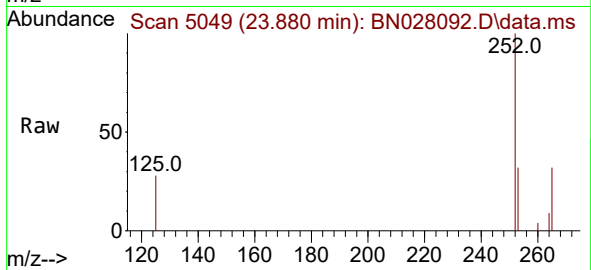
Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

Instrument :

BNA_G

ClientSampleId :



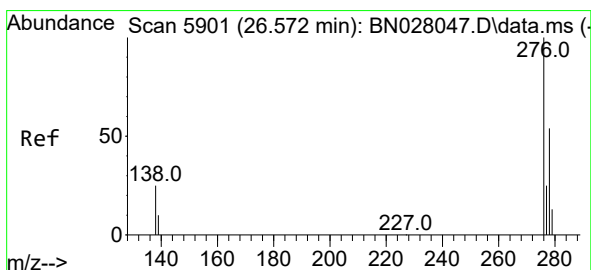
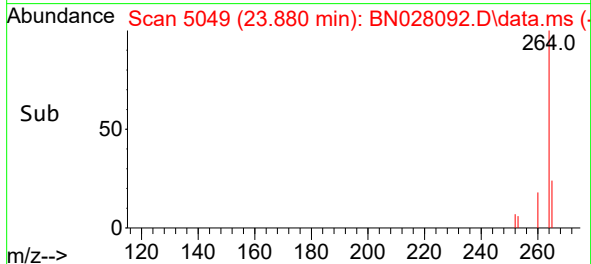
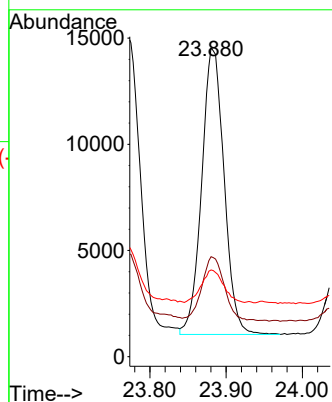
Tgt Ion:252 Resp: 27579

Ion Ratio Lower Upper

252 100

253 32.4 23.4 35.2

125 28.1 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 26.586 min Scan# 5905

Delta R.T. 0.020 min

Lab File: BN028092.D

Acq: 06 Oct 2023 19:43

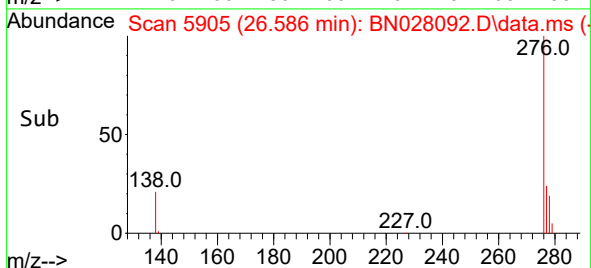
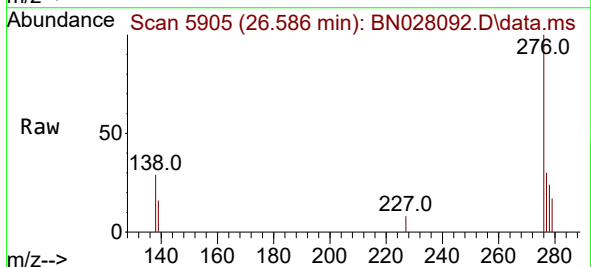
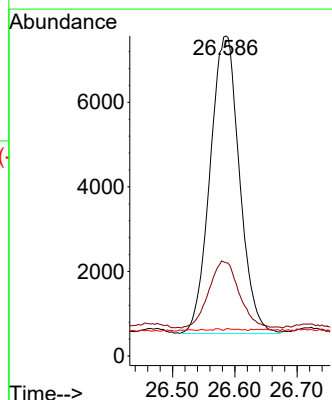
Tgt Ion:276 Resp: 23067

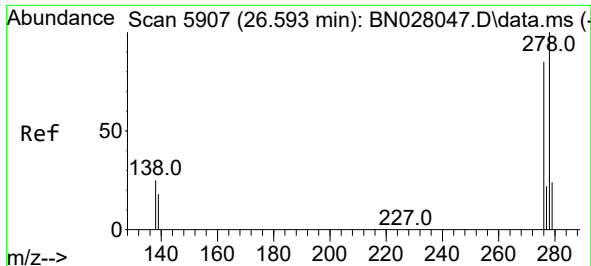
Ion Ratio Lower Upper

276 100

138 23.2 21.6 32.4

227 0.2 0.2 0.2

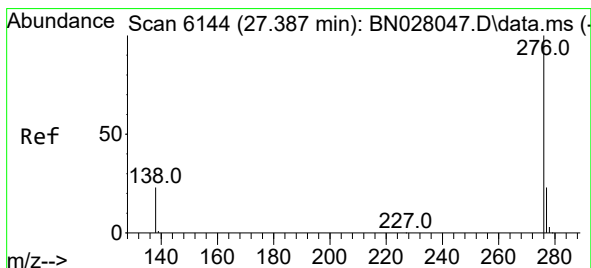
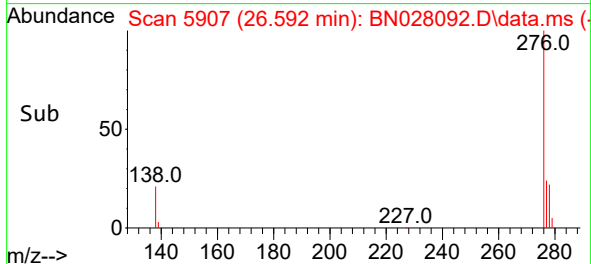
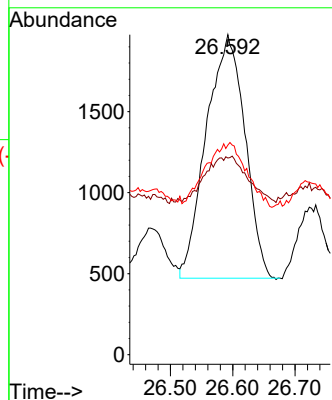
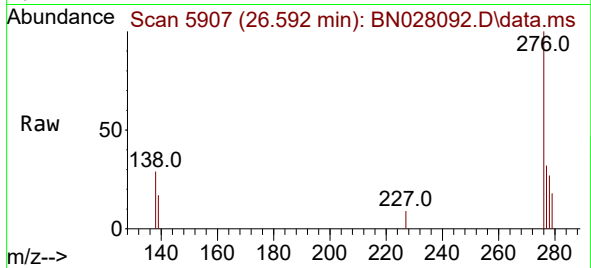




#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.010 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 6484
Ion Ratio Lower Upper
278 100
139 61.5 15.9 23.9#
279 65.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.562 ng/ul
RT: 27.397 min Scan# 6147
Delta R.T. 0.020 min
Lab File: BN028092.D
Acq: 06 Oct 2023 19:43

Tgt Ion:276 Resp: 28804
Ion Ratio Lower Upper
276 100
138 28.6 19.8 29.6
277 29.2 20.6 31.0

