

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028080.D
 Acq On : 06 Oct 2023 12:11
 Operator : MA/JU
 Sample : 04469-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:30:19 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)

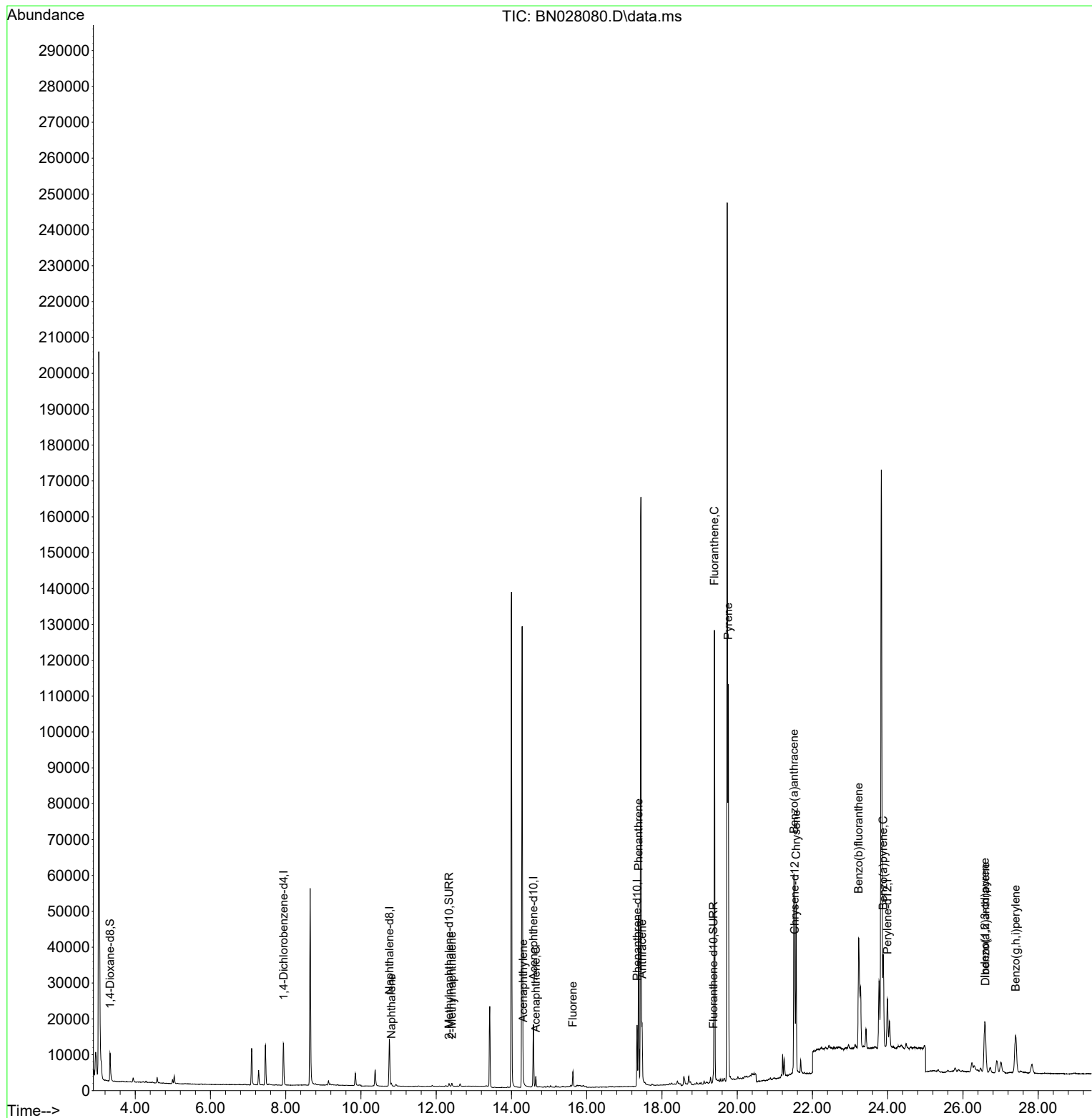
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	6054	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	18676	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	19416	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	17307	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	19051	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	5965	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1166	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	2393	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1066	0.020	ng/ul#	75
7) 2-Methylnaphthalene	12.418	142	713	0.021	ng/ul	97
10) Acenaphthylene	14.310	152	1196	0.027	ng/ul#	74
11) Acenaphthene	14.647	153	1779	0.051	ng/ul	98
12) Fluorene	15.633	166	2709	0.070	ng/ul#	95
15) Phenanthrene	17.379	178	50352	0.870	ng/ul	100
16) Anthracene	17.472	178	15822	0.306	ng/ul	98
19) Fluoranthene	19.394	202	107396	1.625	ng/ul	100
20) Pyrene	19.761	202	88837	1.297	ng/ul	100
21) Benzo(a)anthracene	21.507	228	48455	0.767	ng/ul	97
22) Chrysene	21.565	228	46704	0.732	ng/ul	95
24) Benzo(b)fluoranthene	23.228	252	78259	1.108	ng/ul	91
26) Benzo(a)pyrene	23.880	252	37535	0.623	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.585	276	27068	0.371	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.599	278	7531	0.127	ng/ul#	26
29) Benzo(g,h,i)perylene	27.400	276	24793	0.416	ng/ul#	88

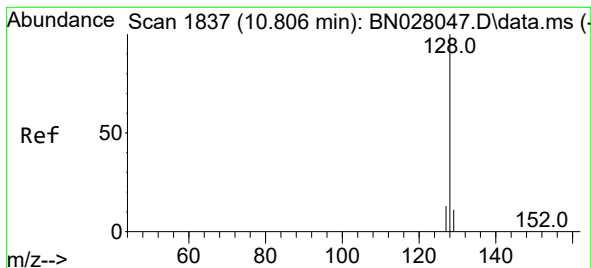
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.020 ng/ul

RT: 10.806 min Scan# 11

Delta R.T. 0.000 min

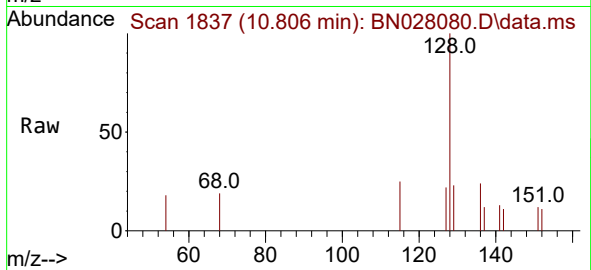
Lab File: BN028080.D

Acq: 06 Oct 2023 12:11

Instrument :

BNA_G

ClientSampleId :



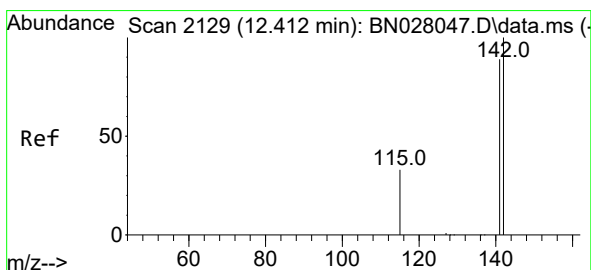
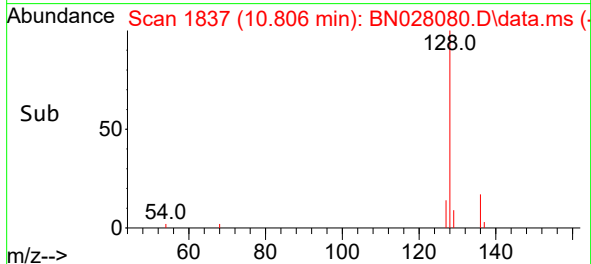
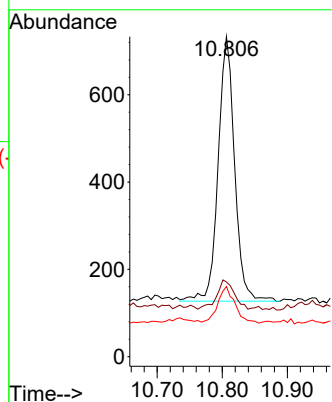
Tgt Ion:128 Resp: 1066

Ion Ratio Lower Upper

128 100

129 23.3 9.4 14.0#

127 22.0 11.0 16.4#



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.418 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BN028080.D

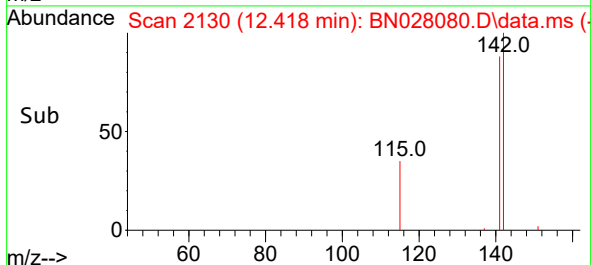
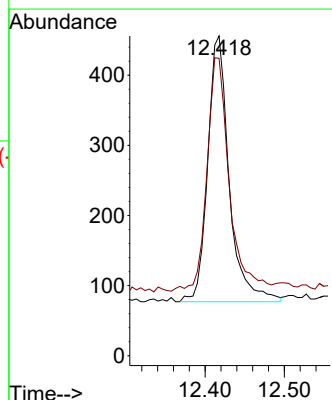
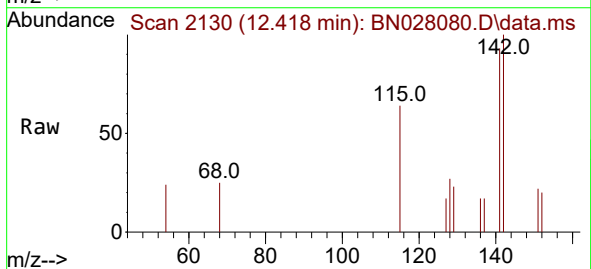
Acq: 06 Oct 2023 12:11

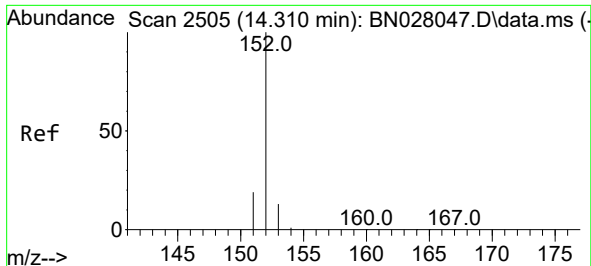
Tgt Ion:142 Resp: 713

Ion Ratio Lower Upper

142 100

141 91.3 70.9 106.3

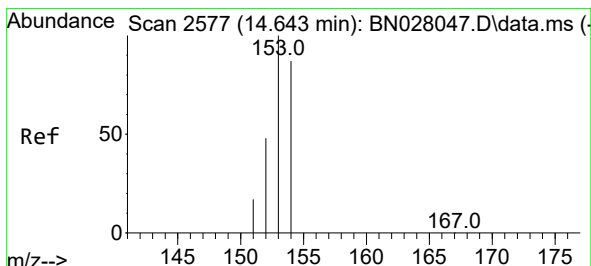
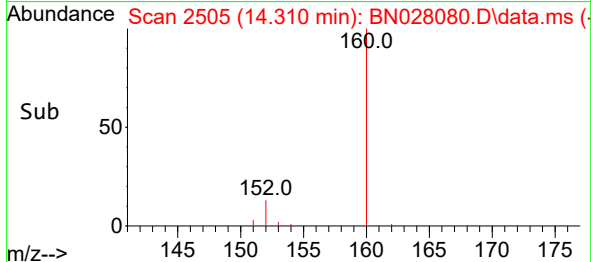
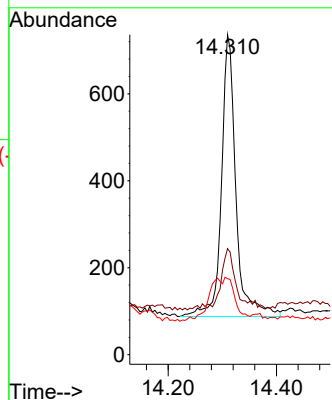
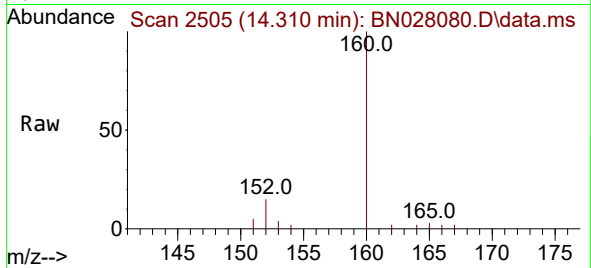




#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

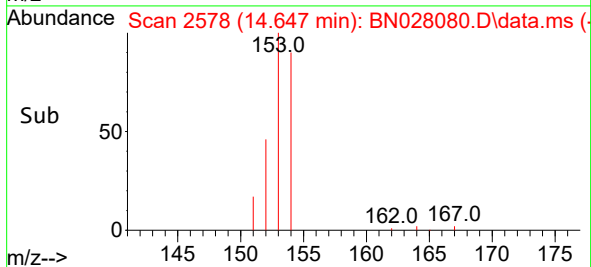
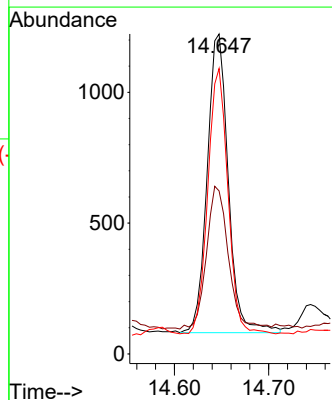
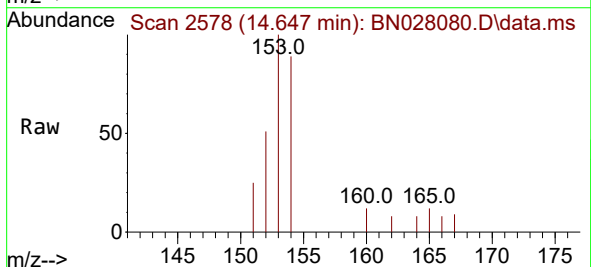
Instrument :
BNA_G
ClientSampleId :

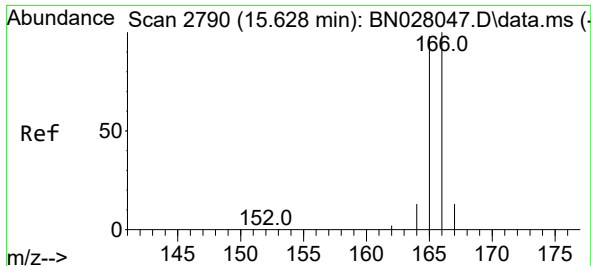
Tgt Ion:152 Resp: 1196
Ion Ratio Lower Upper
152 100
151 33.2 16.4 24.6#
153 23.8 10.9 16.3#



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

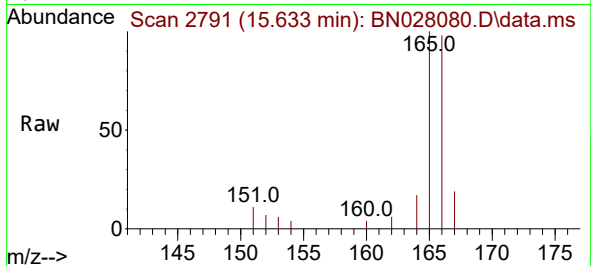
Tgt Ion:153 Resp: 1779
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 89.2 70.2 105.4



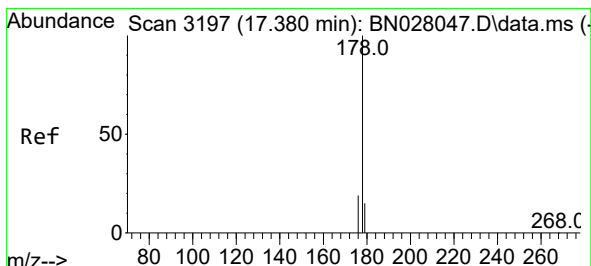
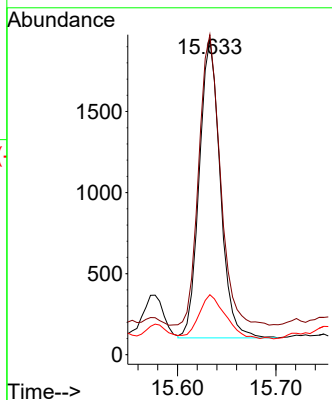
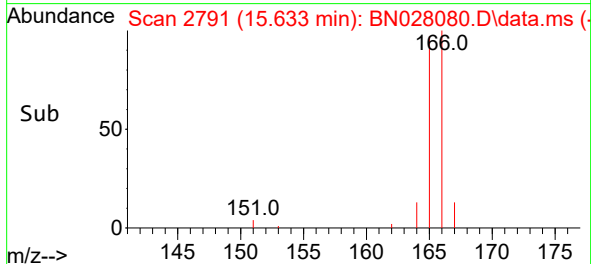


#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

Instrument :
BNA_G
ClientSampleId :

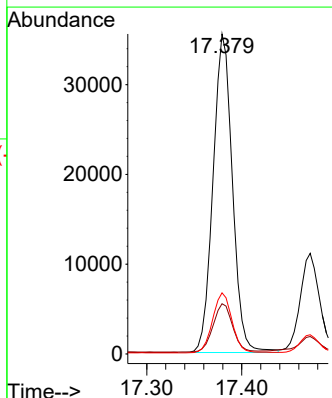
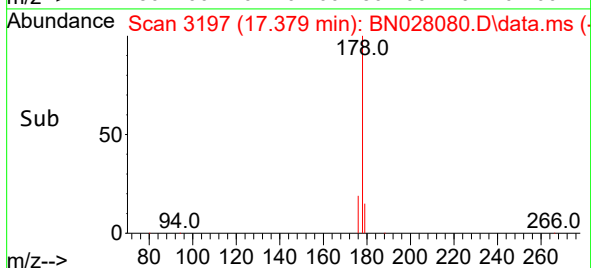
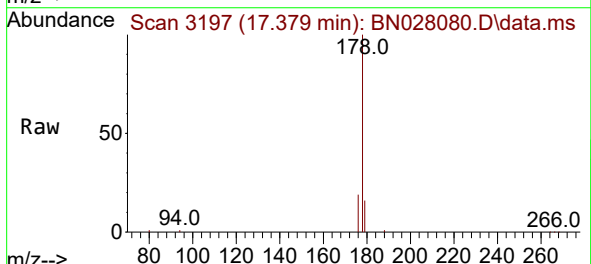


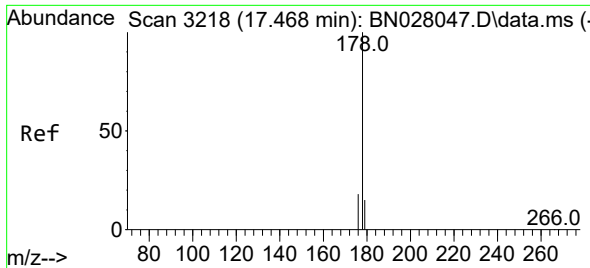
Tgt Ion:166 Resp: 2709
Ion Ratio Lower Upper
166 100
165 101.5 78.5 117.7
167 19.0 11.2 16.8#



#15
Phenanthrene
Concen: 0.870 ng/ul
RT: 17.379 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

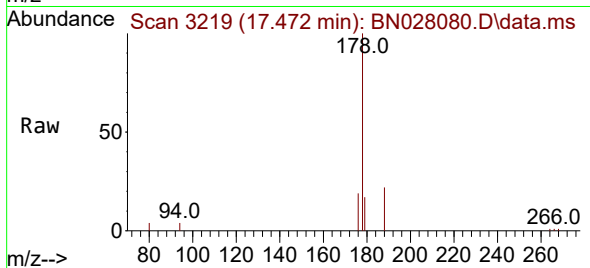
Tgt Ion:178 Resp: 50352
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3



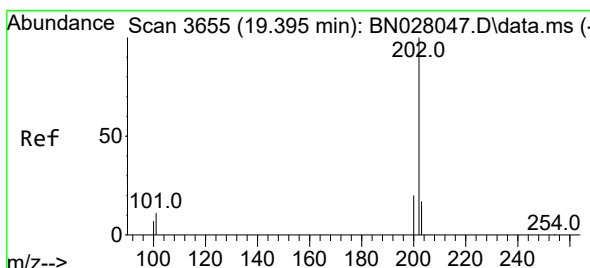
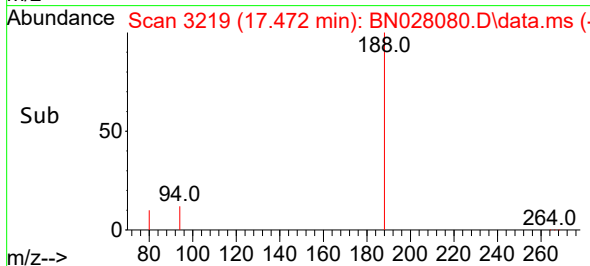
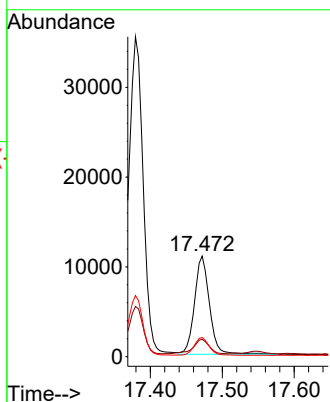


#16
 Anthracene
 Concen: 0.306 ng/ul
 RT: 17.472 min Scan# 3218
 Delta R.T. 0.004 min
 Lab File: BN028080.D
 Acq: 06 Oct 2023 12:11

Instrument :
 BNA_G
 ClientSampleId :

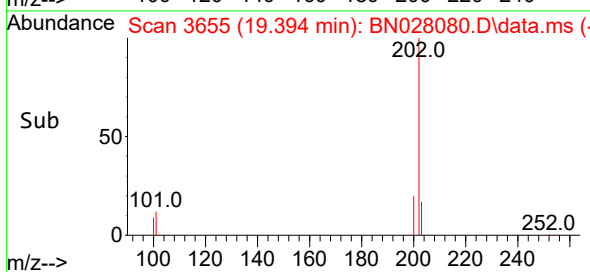
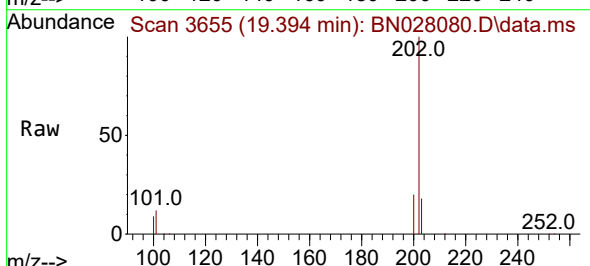
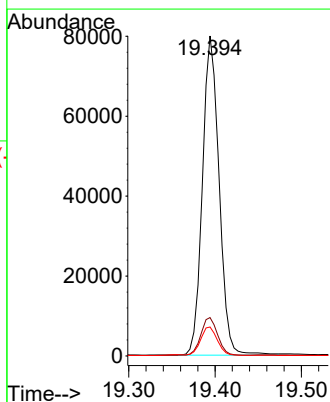


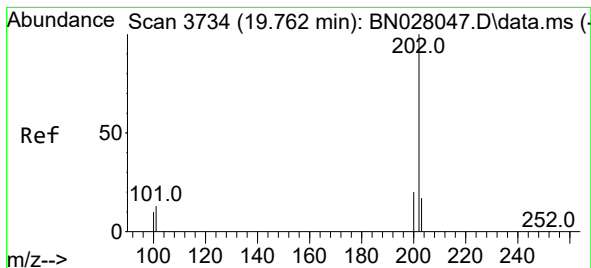
Tgt Ion:178 Resp: 15822
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.8 19.2
 176 19.0 15.0 22.6



#19
 Fluoranthene
 Concen: 1.625 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.004 min
 Lab File: BN028080.D
 Acq: 06 Oct 2023 12:11

Tgt Ion:202 Resp: 107396
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.6 14.4
 100 9.0 7.4 11.0





#20

Pyrene

Concen: 1.297 ng/ul

RT: 19.761 min Scan# 3734

Delta R.T. 0.004 min

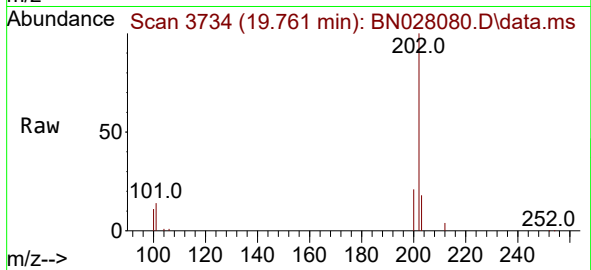
Lab File: BN028080.D

Acq: 06 Oct 2023 12:11

Instrument :

BNA_G

ClientSampleId :



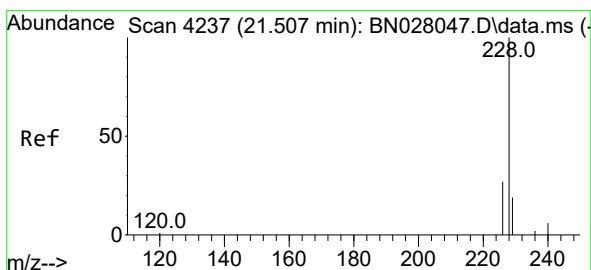
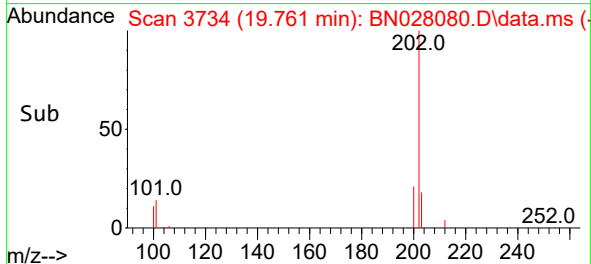
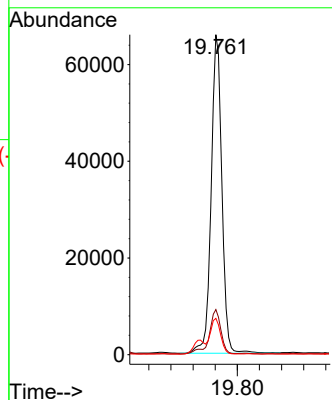
Tgt Ion:202 Resp: 88837

Ion Ratio Lower Upper

202 100

101 14.1 11.2 16.8

100 11.4 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.767 ng/ul

RT: 21.507 min Scan# 4237

Delta R.T. 0.005 min

Lab File: BN028080.D

Acq: 06 Oct 2023 12:11

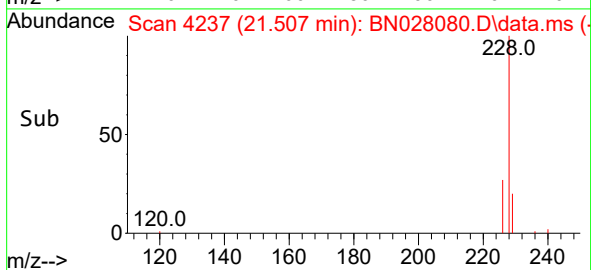
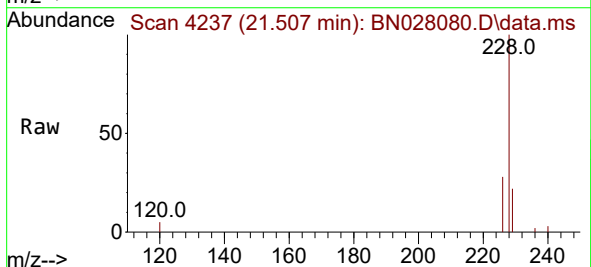
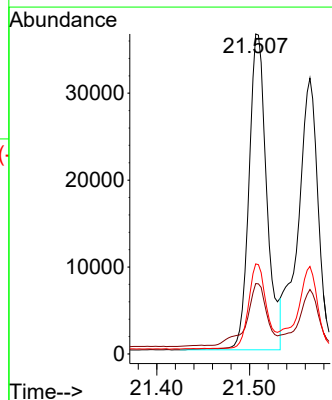
Tgt Ion:228 Resp: 48455

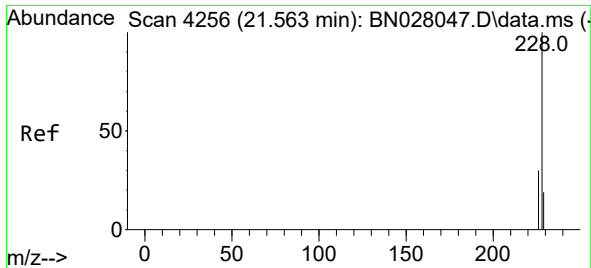
Ion Ratio Lower Upper

228 100

229 22.0 16.0 24.0

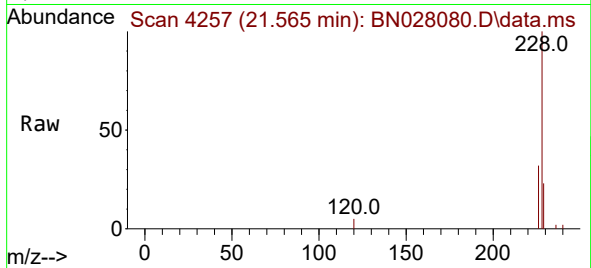
226 28.1 21.5 32.3



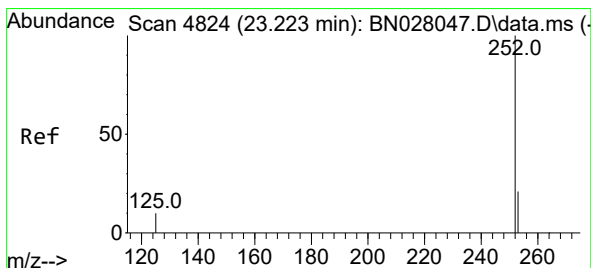
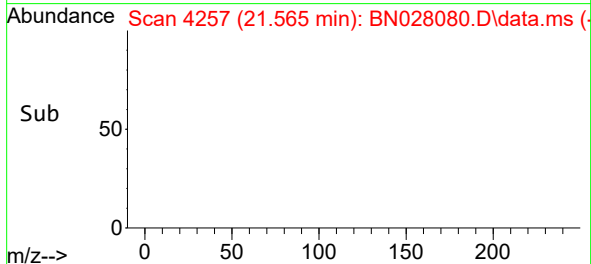
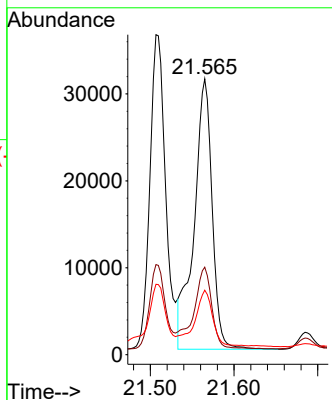


#22
Chrysene
Concen: 0.732 ng/ul
RT: 21.565 min Scan# 41
Delta R.T. 0.008 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

Instrument :
BNA_G
ClientSampleId :

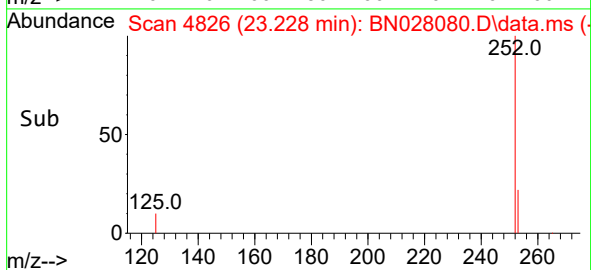
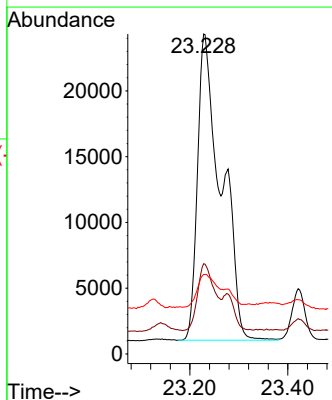
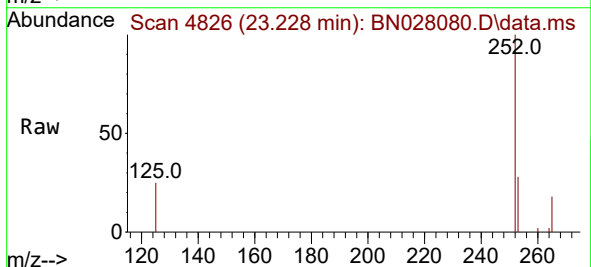


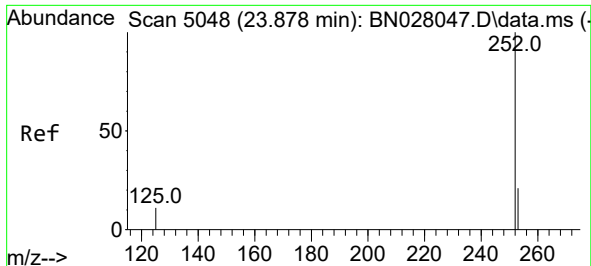
Tgt Ion:228 Resp: 46704
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.8
229 23.4 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 1.108 ng/ul
RT: 23.228 min Scan# 4826
Delta R.T. 0.011 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

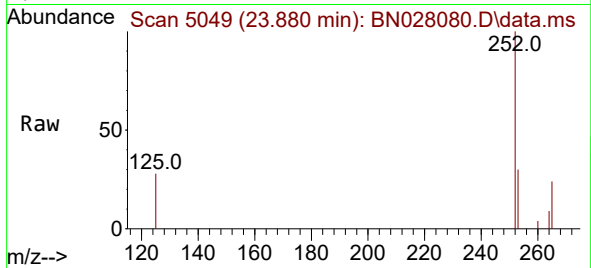
Tgt Ion:252 Resp: 78259
Ion Ratio Lower Upper
252 100
253 28.2 0.0 54.0
125 24.9 0.0 31.4



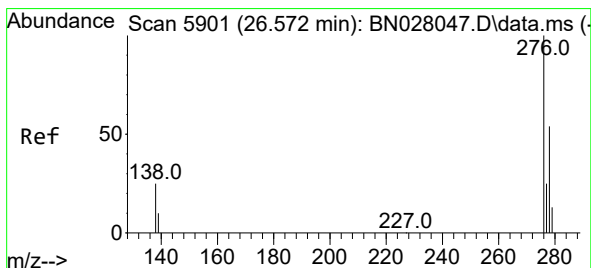
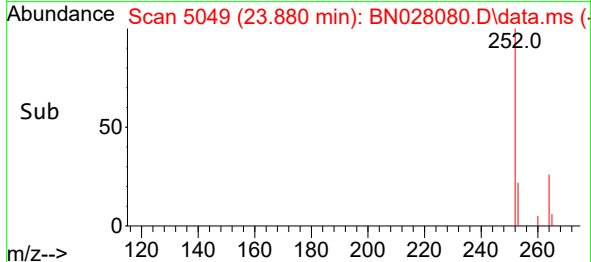
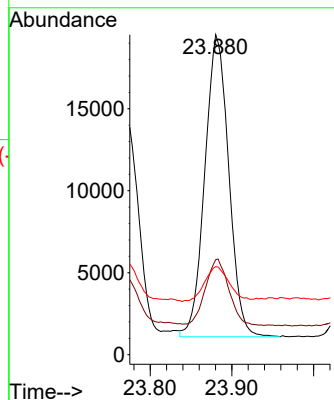


#26
Benzo(a)pyrene
Concen: 0.623 ng/ul
RT: 23.880 min Scan# 5048
Delta R.T. 0.011 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

Instrument :
BNA_G
ClientSampleId :

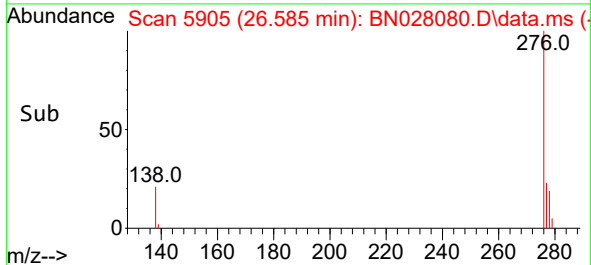
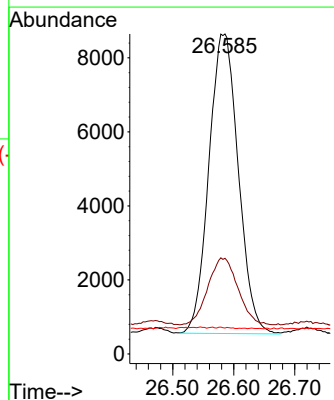
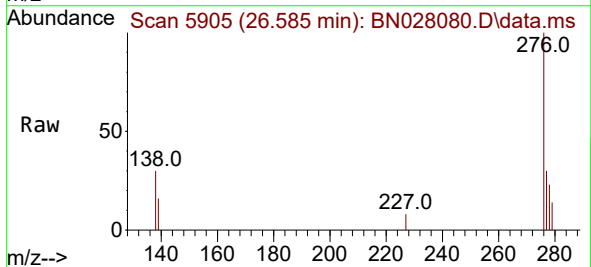


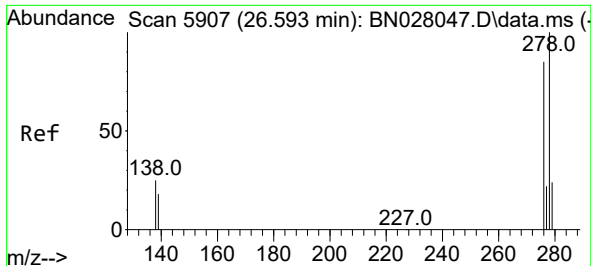
Tgt Ion:252 Resp: 37535
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.2
125 27.5 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.585 min Scan# 5905
Delta R.T. 0.020 min
Lab File: BN028080.D
Acq: 06 Oct 2023 12:11

Tgt Ion:276 Resp: 27068
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.1 0.2 0.2#

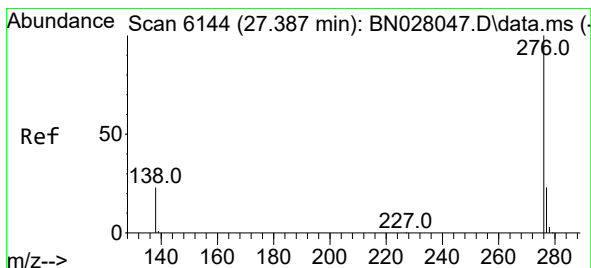
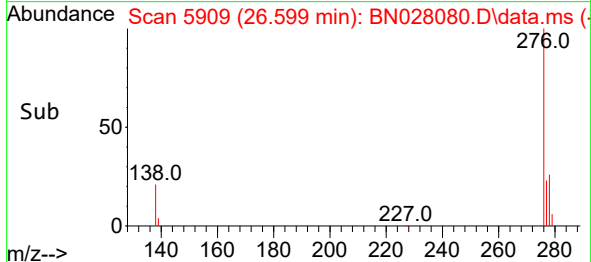
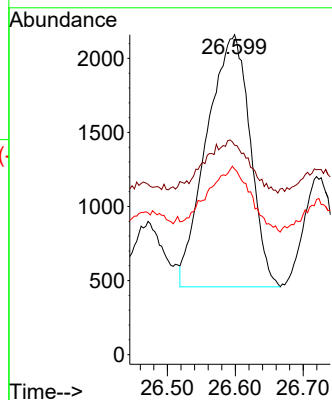
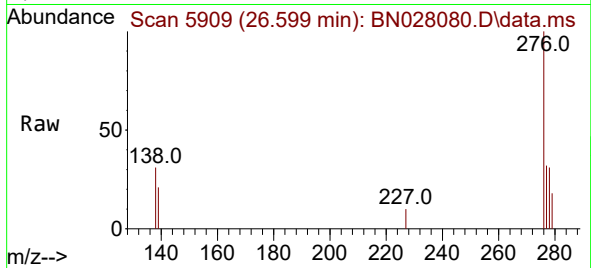




#28
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/ul
 RT: 26.599 min Scan# 5909
 Delta R.T. 0.016 min
 Lab File: BN028080.D
 Acq: 06 Oct 2023 12:11

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 7531
 Ion Ratio Lower Upper
 278 100
 139 65.5 15.9 23.9#
 279 58.0 22.8 34.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.416 ng/ul
 RT: 27.400 min Scan# 6148
 Delta R.T. 0.023 min
 Lab File: BN028080.D
 Acq: 06 Oct 2023 12:11

Tgt Ion:276 Resp: 24793
 Ion Ratio Lower Upper
 276 100
 138 31.6 19.8 29.6#
 277 30.7 20.6 31.0

