

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025171.D
 Acq On : 27 Apr 2023 11:12
 Operator : CG/JU
 Sample : 02418-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z0

Quant Time: Apr 28 01:19:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

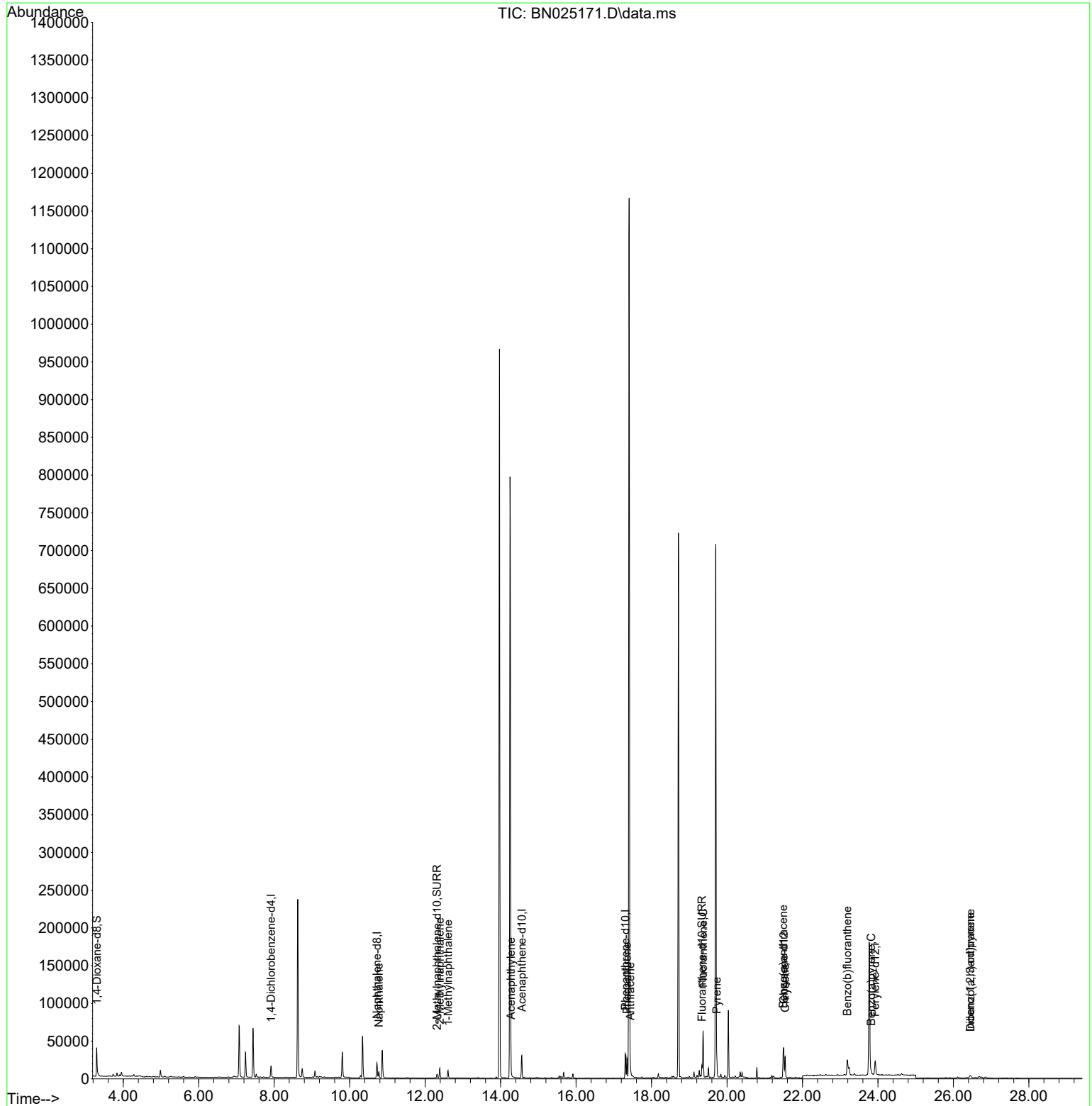
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7856	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	26094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16038	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	35747	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	29871	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	26510	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	23684	2.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6808	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	16669	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	11565	0.173	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	9021	0.220	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	7259	0.166	ng/ul	100
10) Acenaphthylene	14.279	152	2209	0.037	ng/ul#	76
15) Phenanthrene	17.347	178	26726	0.265	ng/ul	99
16) Anthracene	17.440	178	4587	0.056	ng/ul#	90
19) Fluoranthene	19.368	202	51737	0.479	ng/ul	100
20) Pyrene	19.730	202	20076	0.181	ng/ul	99
21) Benzo(a)anthracene	21.488	228	24921	0.277	ng/ul	97
22) Chrysene	21.540	228	26833	0.273	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	45784	0.426	ng/ul	93
26) Benzo(a)pyrene	23.817	252	3523	0.040	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.443	276	4085	0.040	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.453	278	3491	0.044	ng/ul#	65

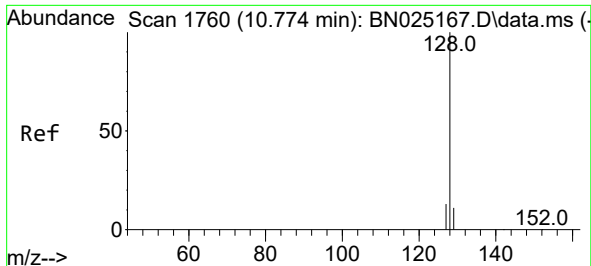
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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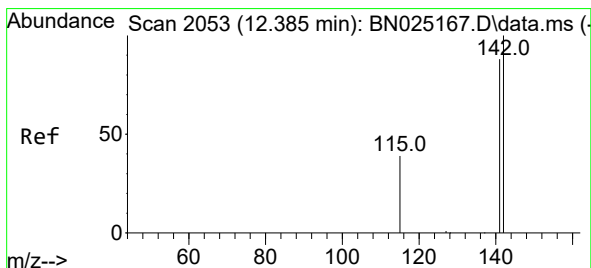
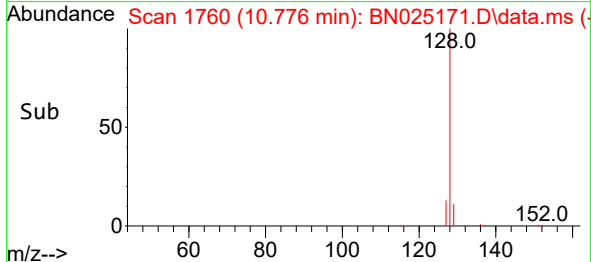
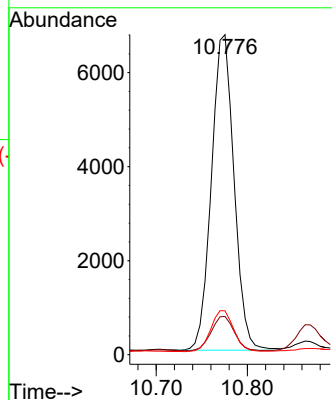
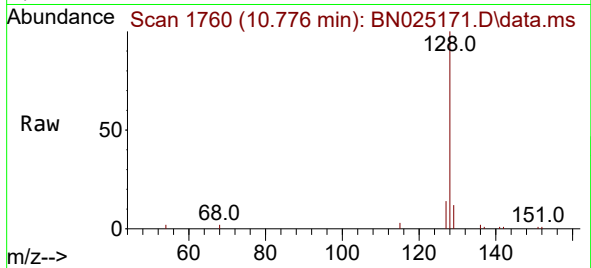




#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

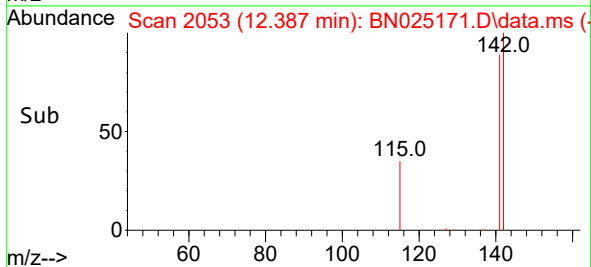
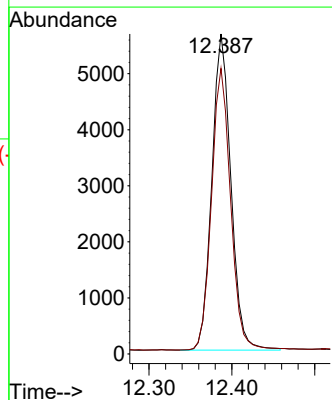
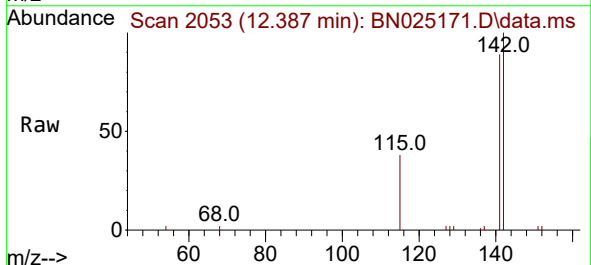
Instrument :
BNA_N
ClientSampleId :
EW8Z0

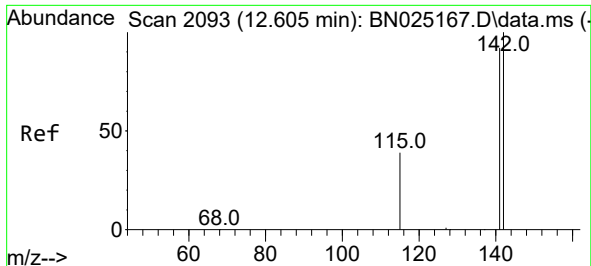
Tgt Ion:128 Resp: 11565
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Tgt Ion:142 Resp: 9021
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0

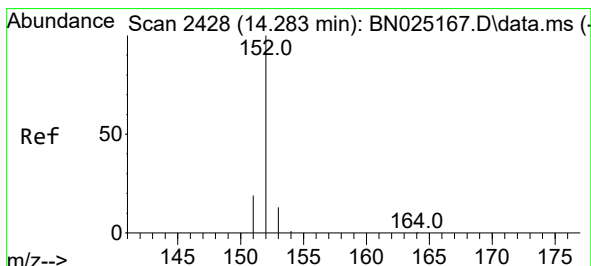
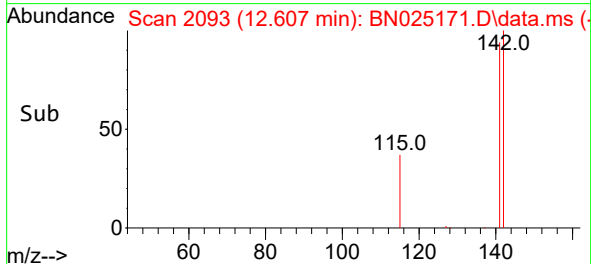
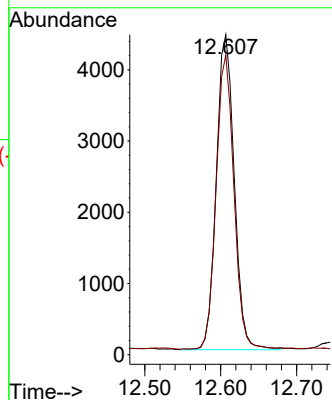
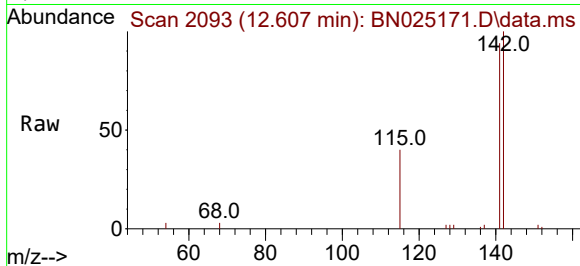




#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

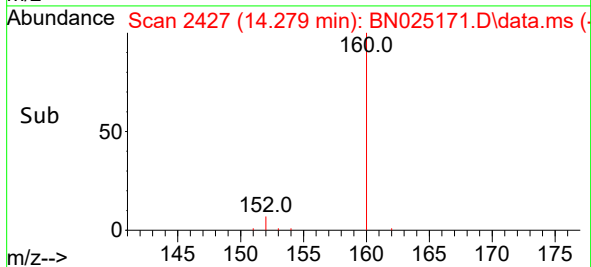
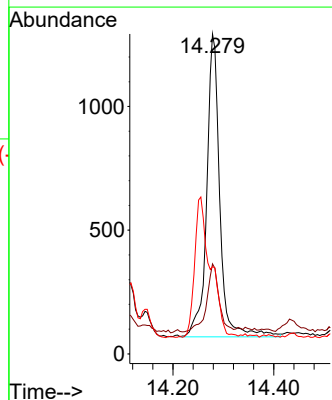
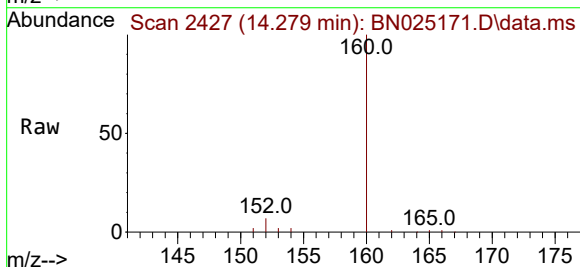
Instrument :
BNA_N
ClientSampleId :
EW8Z0

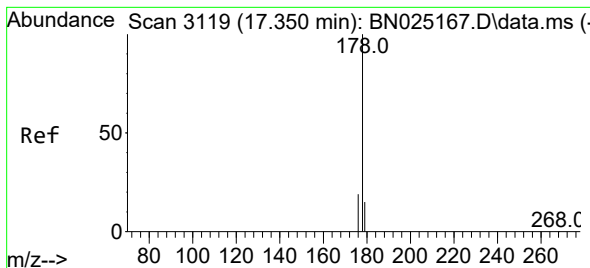
Tgt Ion:142 Resp: 7259
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Tgt Ion:152 Resp: 2209
Ion Ratio Lower Upper
152 100
151 28.2 16.0 24.0#
153 27.3 10.8 16.2#





#15

Phenanthrene

Concen: 0.265 ng/ul

RT: 17.347 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BN025171.D

Acq: 27 Apr 2023 11:12

Instrument :

BNA_N

ClientSampleId :

EW8Z0

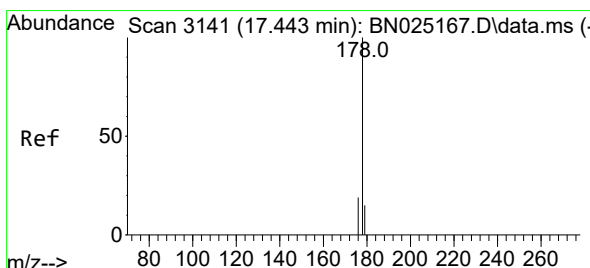
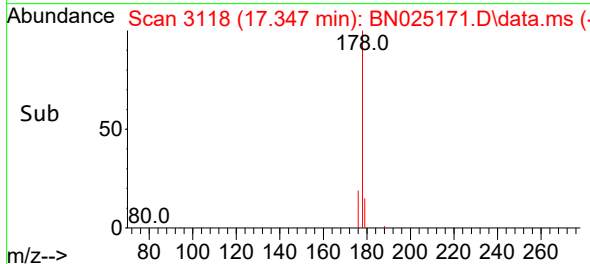
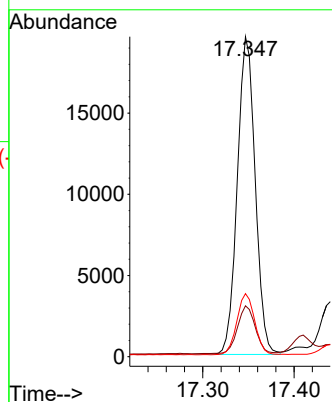
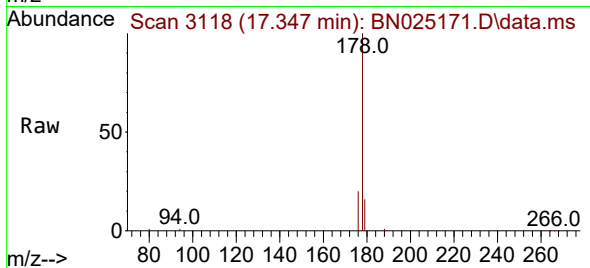
Tgt Ion:178 Resp: 26726

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.7 15.6 23.4



#16

Anthracene

Concen: 0.056 ng/ul

RT: 17.440 min Scan# 3140

Delta R.T. -0.004 min

Lab File: BN025171.D

Acq: 27 Apr 2023 11:12

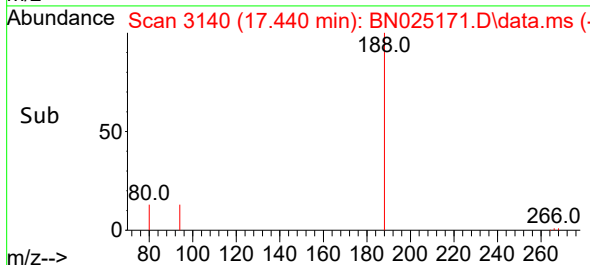
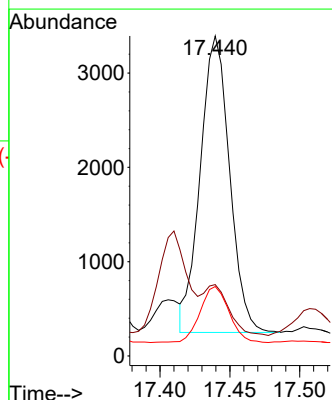
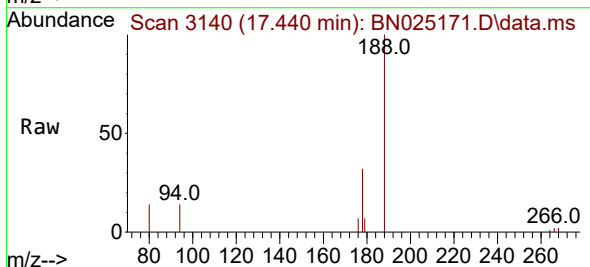
Tgt Ion:178 Resp: 4587

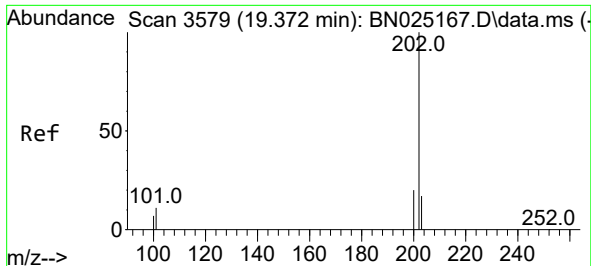
Ion Ratio Lower Upper

178 100

179 22.3 12.7 19.1#

176 21.7 15.3 22.9

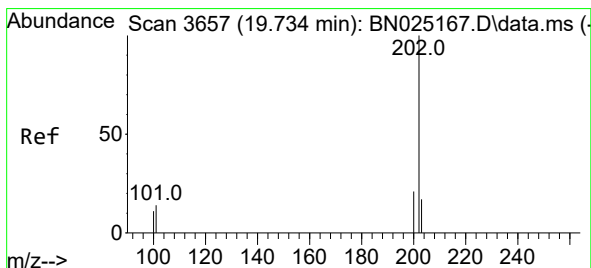
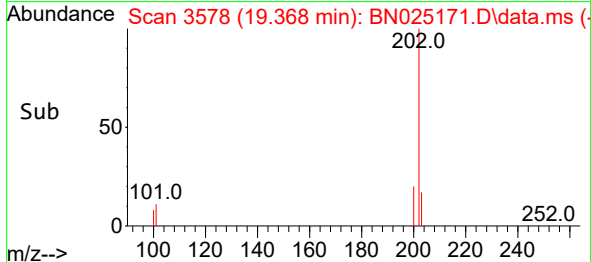
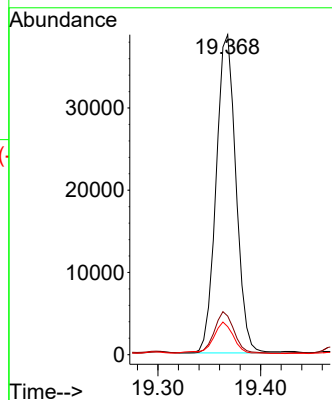
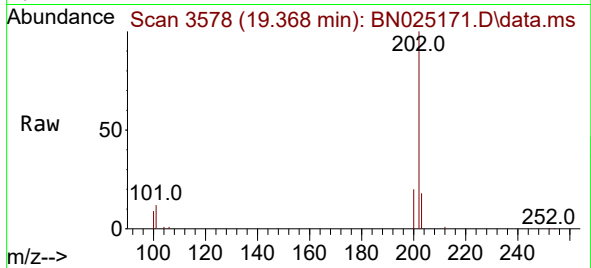




#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

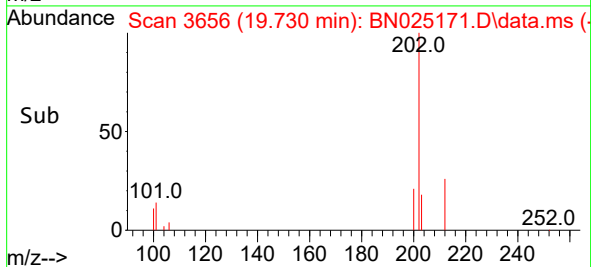
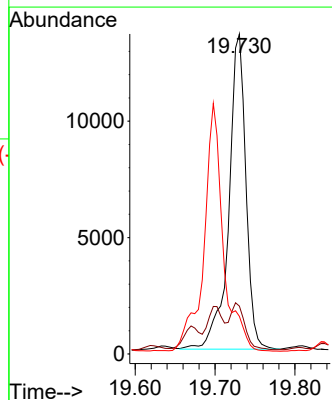
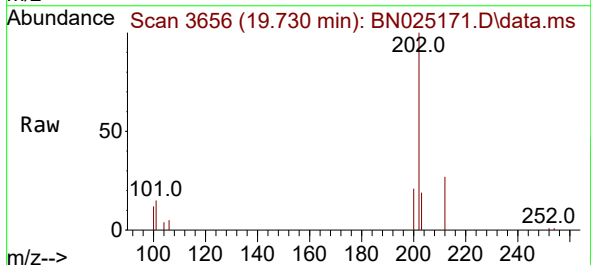
Instrument :
BNA_N
ClientSampleId :
EW8Z0

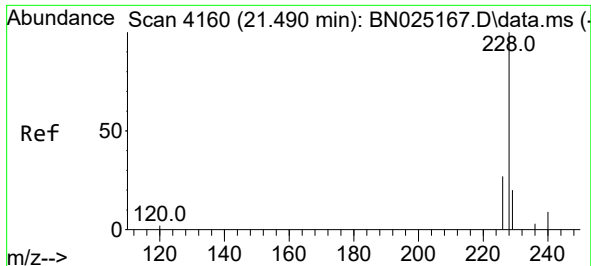
Tgt Ion:202 Resp: 51737
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.181 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

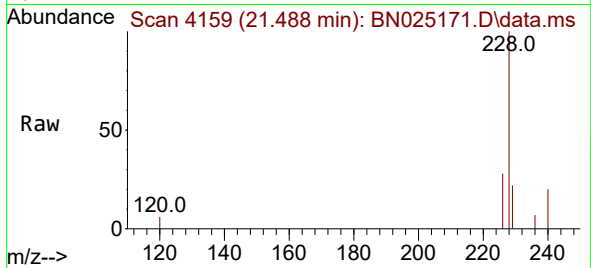
Tgt Ion:202 Resp: 20076
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 11.8 9.2 13.8



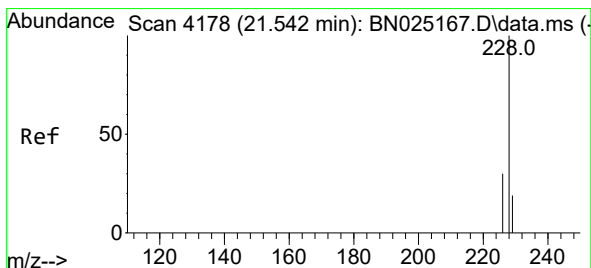
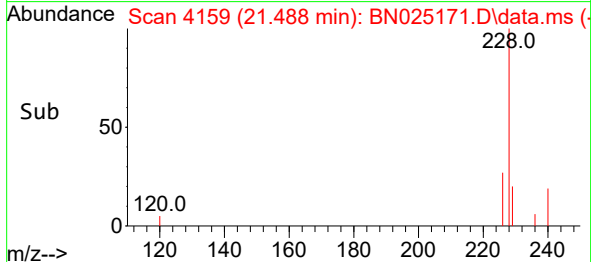
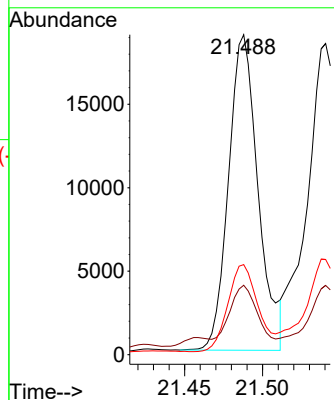


#21
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.488 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Instrument :
BNA_N
ClientSampleId :
EW8Z0

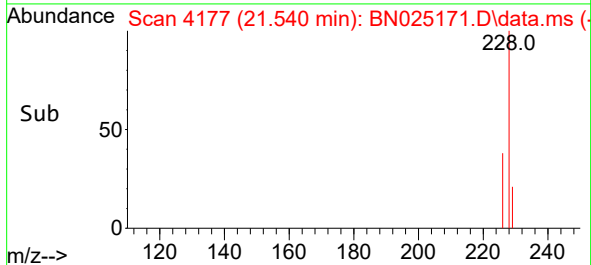
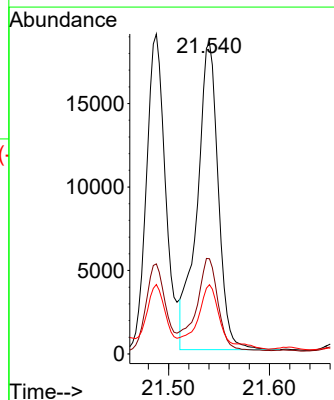
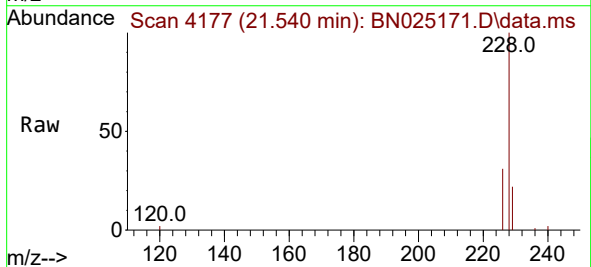


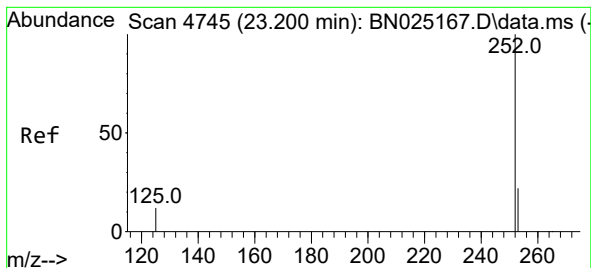
Tgt Ion:228 Resp: 24921
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.273 ng/ul
RT: 21.540 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Tgt Ion:228 Resp: 26833
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 22.2 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.426 ng/ul

RT: 23.189 min Scan# 41

Delta R.T. -0.011 min

Lab File: BN025171.D

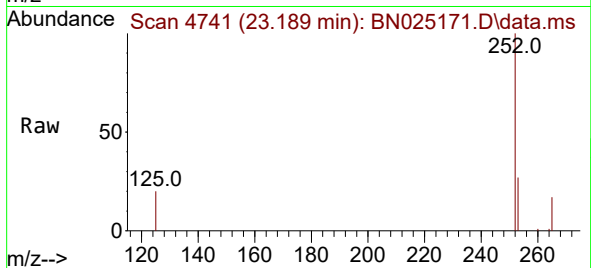
Acq: 27 Apr 2023 11:12

Instrument :

BNA_N

ClientSampleId :

EW8Z0



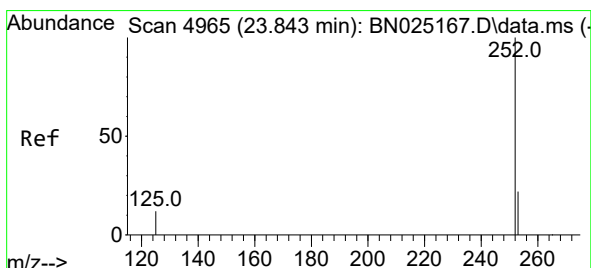
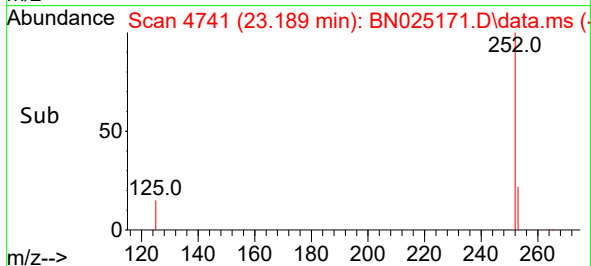
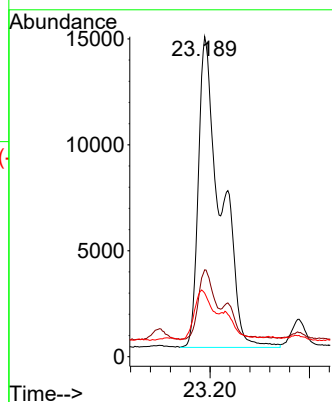
Tgt Ion:252 Resp: 45784

Ion Ratio Lower Upper

252 100

253 27.2 0.0 50.2

125 19.8 0.0 30.4



#26

Benzo(a)pyrene

Concen: 0.040 ng/ul

RT: 23.817 min Scan# 4956

Delta R.T. -0.025 min

Lab File: BN025171.D

Acq: 27 Apr 2023 11:12

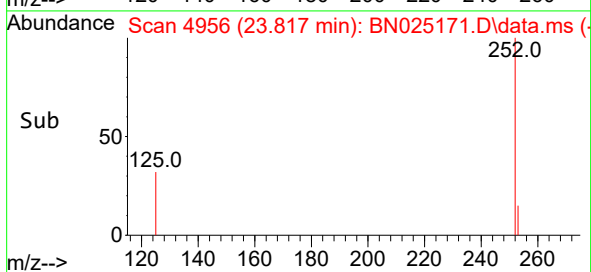
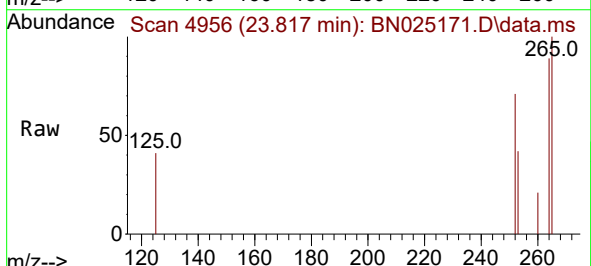
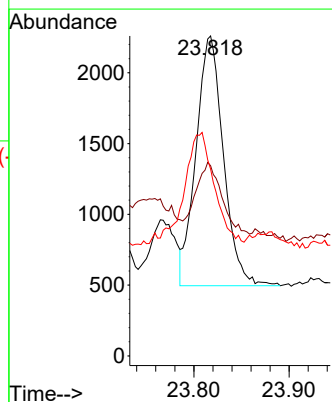
Tgt Ion:252 Resp: 3523

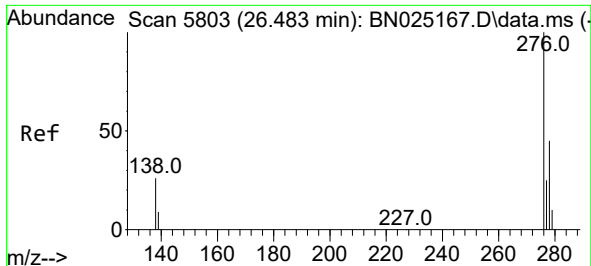
Ion Ratio Lower Upper

252 100

253 59.4 21.4 32.2#

125 58.4 14.6 22.0#

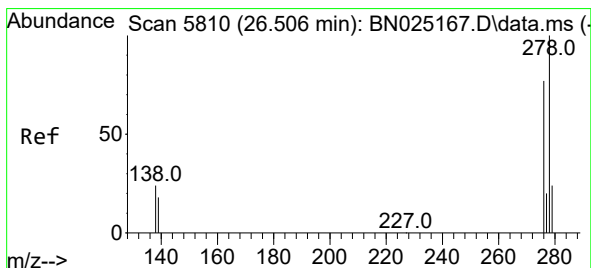
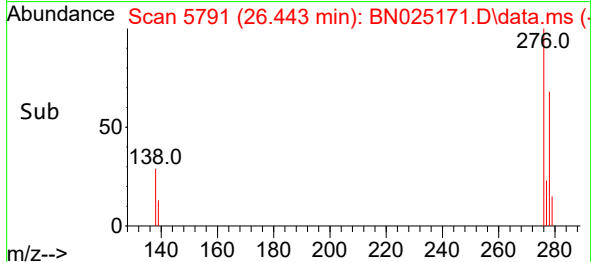
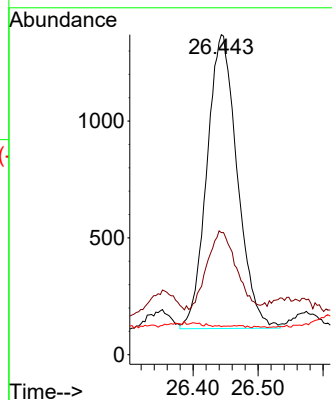
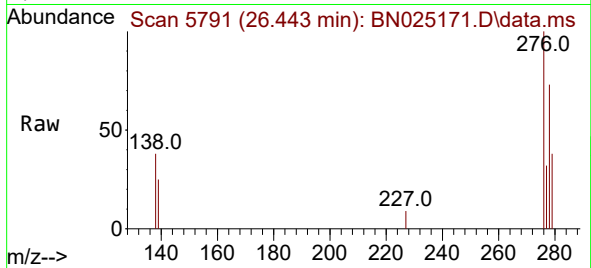




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.040 ng/ul
 RT: 26.443 min Scan# 5791
 Delta R.T. -0.039 min
 Lab File: BN025171.D
 Acq: 27 Apr 2023 11:12

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z0

Tgt Ion:276 Resp: 4085
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.9 32.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.044 ng/ul
 RT: 26.453 min Scan# 5794
 Delta R.T. -0.053 min
 Lab File: BN025171.D
 Acq: 27 Apr 2023 11:12

Tgt Ion:278 Resp: 3491
 Ion Ratio Lower Upper
 278 100
 139 32.4 17.0 25.6#
 279 50.1 21.8 32.8#

