

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025179.D
 Acq On : 27 Apr 2023 15:58
 Operator : CG/JU
 Sample : 02418-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2

Quant Time: Apr 28 01:21:21 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)

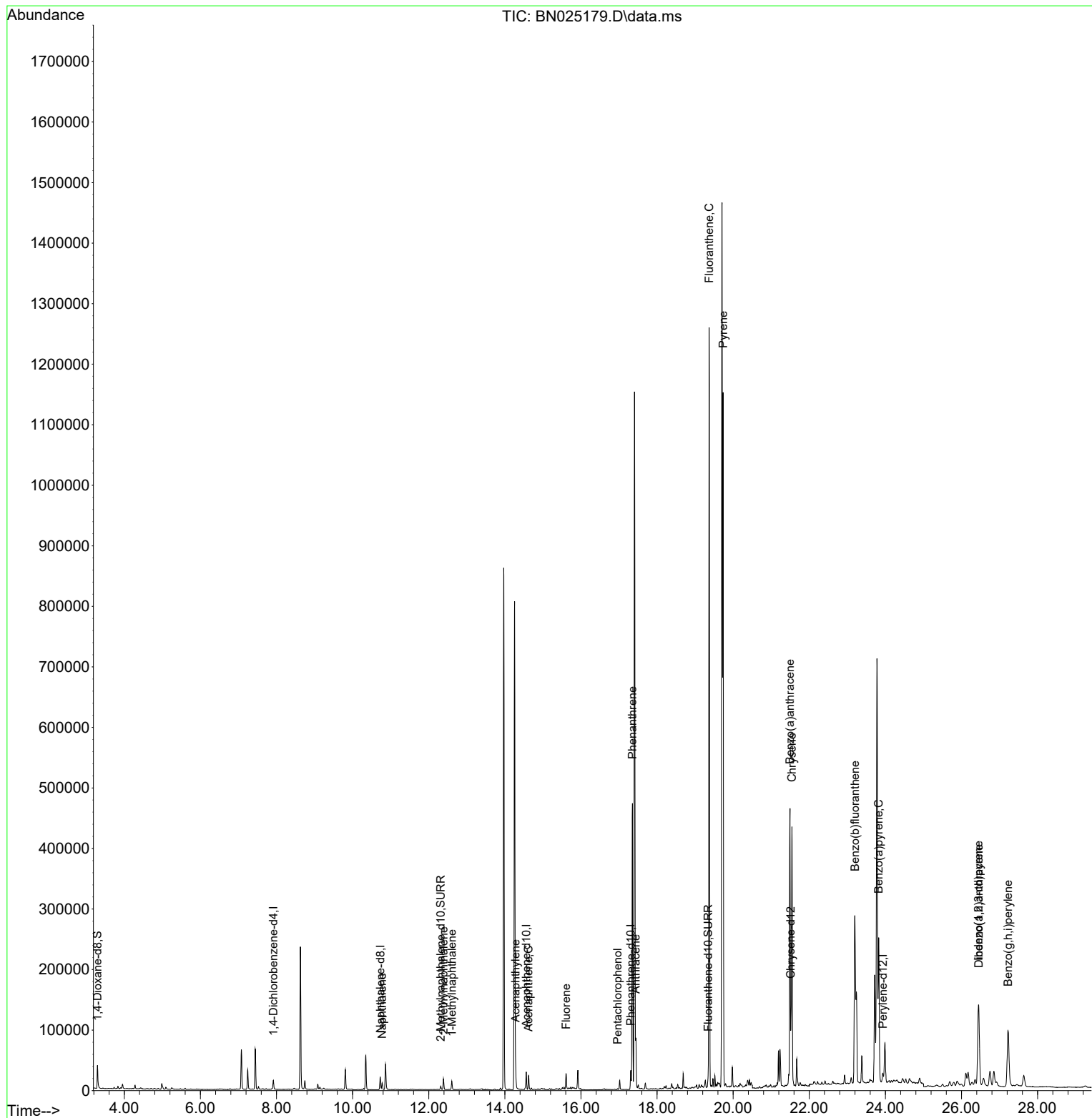
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	15517	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	34036	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	25745	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	21325	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	22393	2.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	7051	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	16119	0.237	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	15002	0.224	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	12077	0.295	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	9497	0.218	ng/ul	99
10) Acenaphthylene	14.284	152	37169	0.643	ng/ul	98
11) Acenaphthene	14.622	153	13459	0.276	ng/ul	99
12) Fluorene	15.612	166	16351	0.300	ng/ul	99
14) Pentachlorophenol	16.964	266	926	0.139	ng/ul	95
15) Phenanthrene	17.352	178	490798	5.109	ng/ul	99
16) Anthracene	17.441	178	82213	1.046	ng/ul	100
19) Fluoranthene	19.369	202	1021637	10.974	ng/ul	98
20) Pyrene	19.736	202	916652	9.583	ng/ul	100
21) Benzo(a)anthracene	21.492	228	395957	5.104	ng/ul	98
22) Chrysene	21.544	228	418722	4.948	ng/ul	98
24) Benzo(b)fluoranthene	23.199	252	644406	7.448	ng/ul	96
26) Benzo(a)pyrene	23.824	252	336486	4.701	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.444	276	236419	2.866	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.458	278	54982	0.853	ng/ul#	91
29) Benzo(g,h,i)perylene	27.222	276	208428	2.972	ng/ul	98

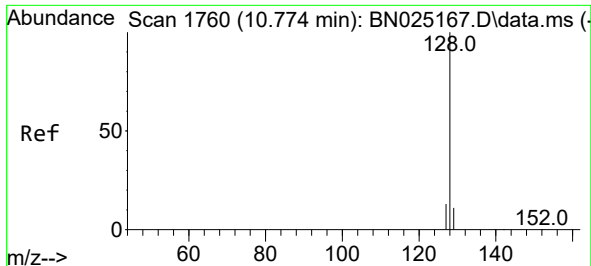
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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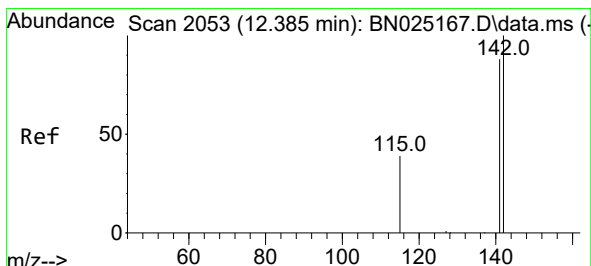
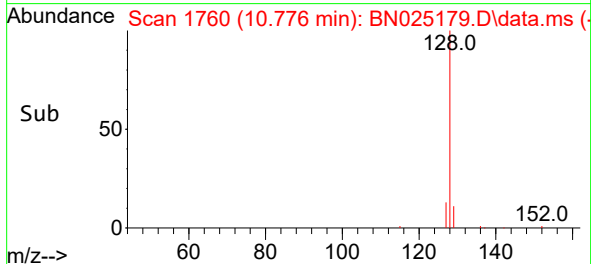
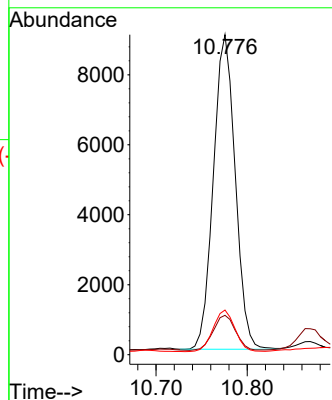
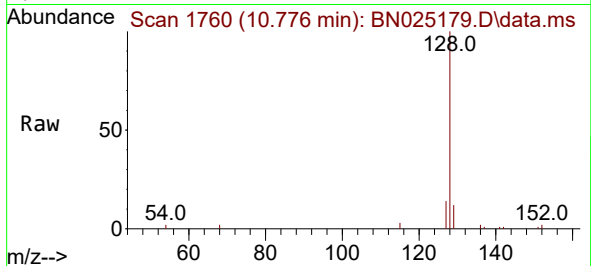




#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

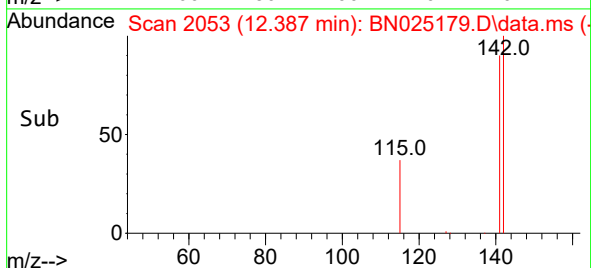
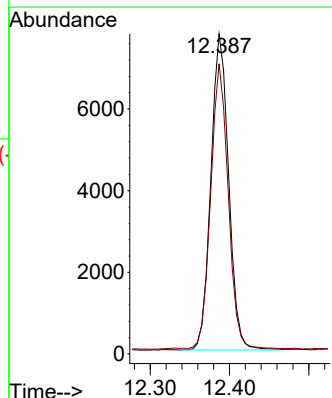
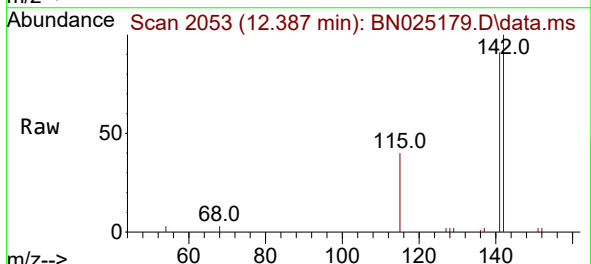
Instrument :
BNA_N
ClientSampleId :
EW8Z2

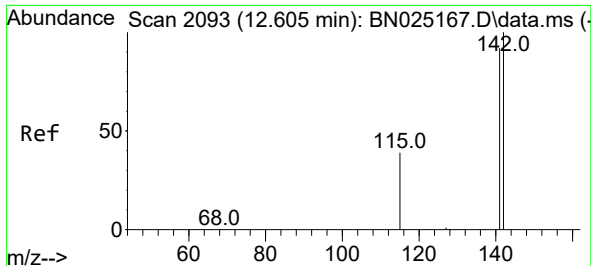
Tgt Ion:128 Resp: 15002
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Tgt Ion:142 Resp: 12077
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0

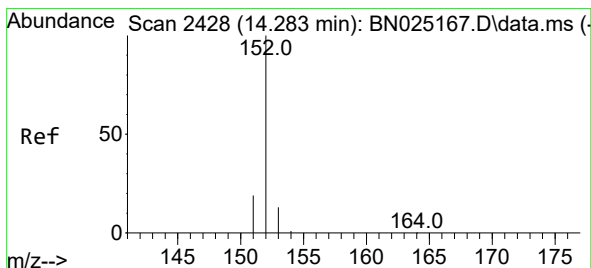
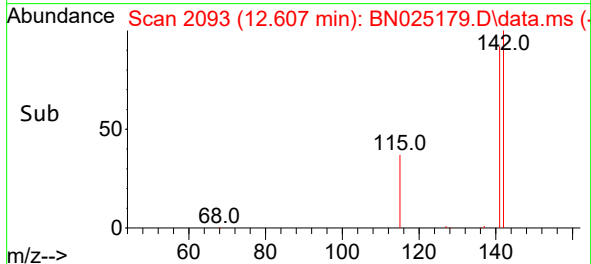
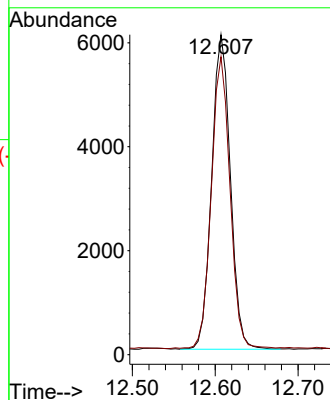
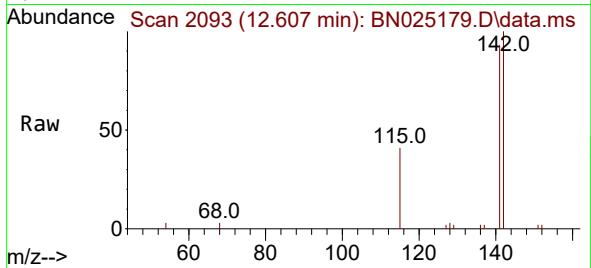




#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

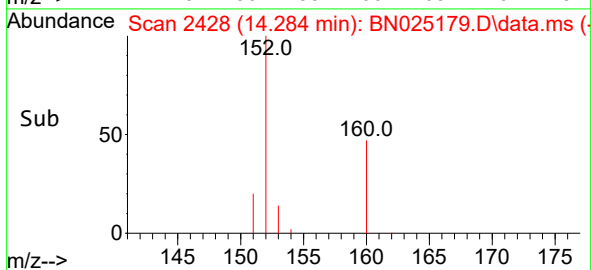
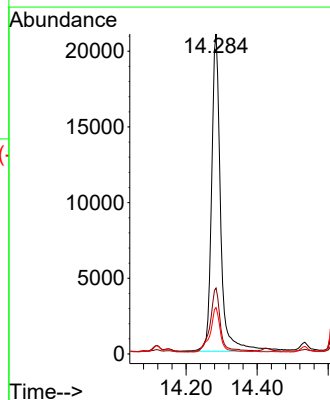
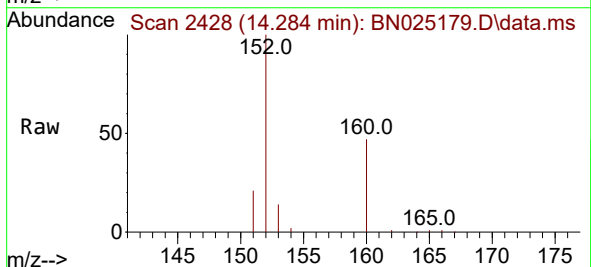
Instrument :
BNA_N
ClientSampleId :
EW8Z2

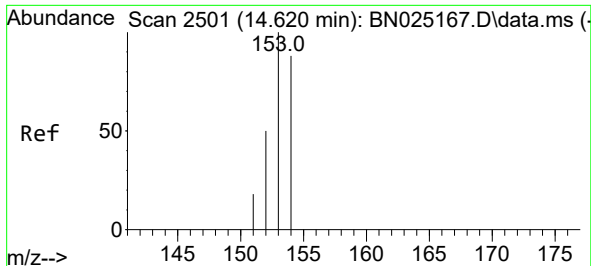
Tgt Ion:142 Resp: 9497
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6



#10
Acenaphthylene
Concen: 0.643 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Tgt Ion:152 Resp: 37169
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.5 10.8 16.2

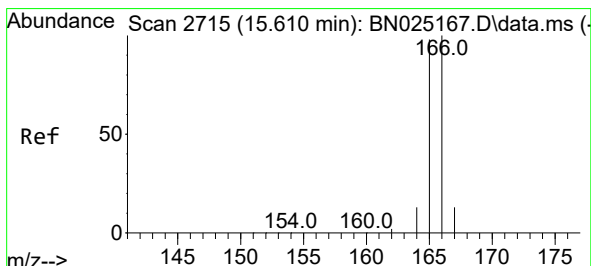
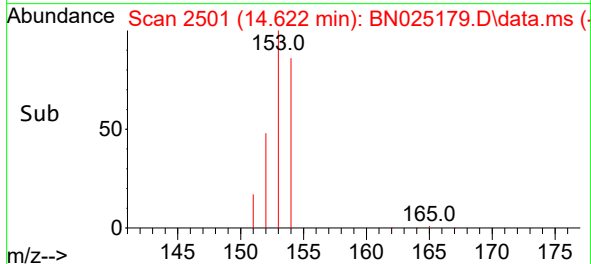
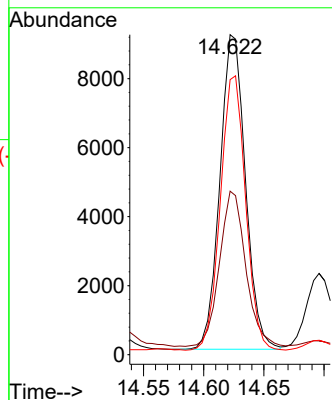
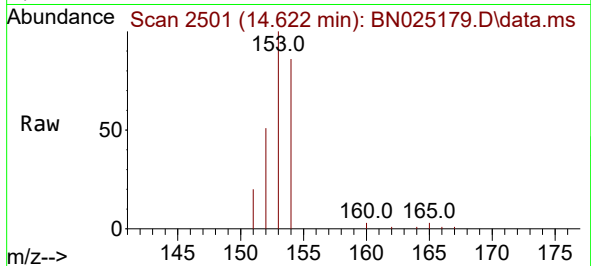




#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

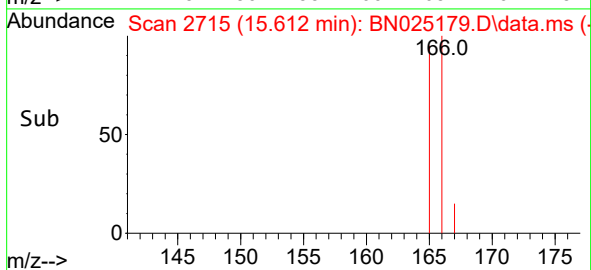
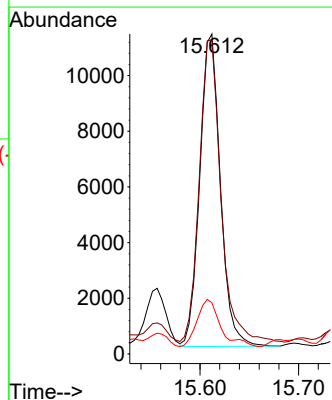
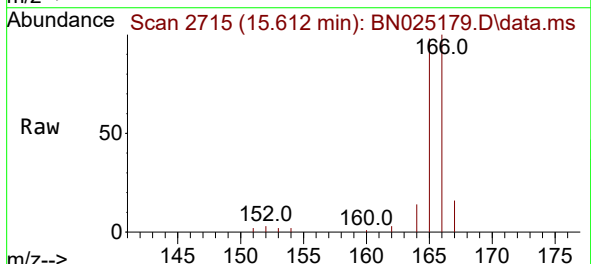
Instrument :
BNA_N
ClientSampleId :
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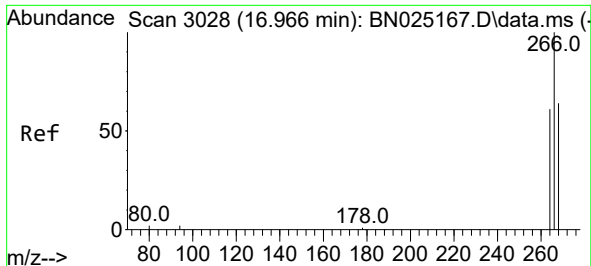
Tgt Ion:153 Resp: 13459
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 85.9 69.4 104.2



#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.612 min Scan# 2715
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Tgt Ion:166 Resp: 16351
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 16.0 11.0 16.6

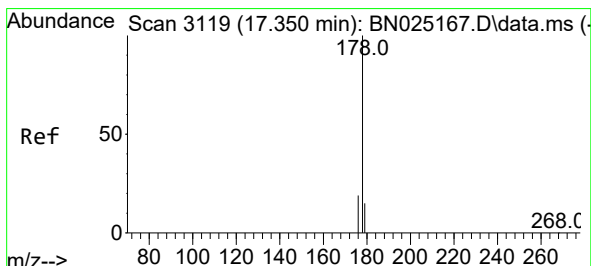
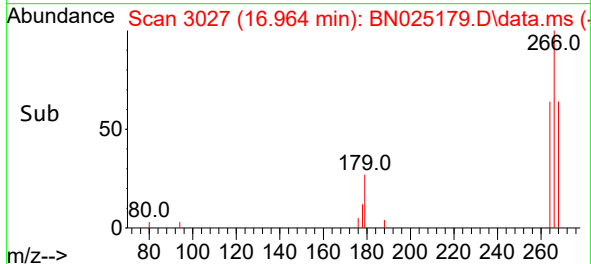
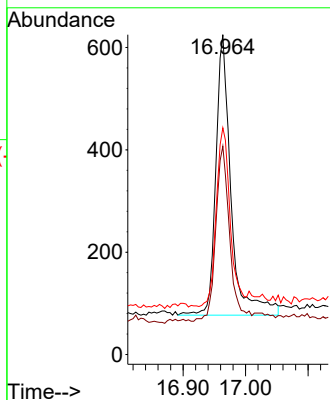
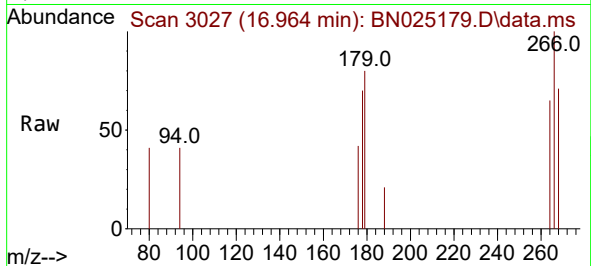




#14
 Pentachlorophenol
 Concen: 0.139 ng/ul
 RT: 16.964 min Scan# 3028
 Delta R.T. -0.003 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

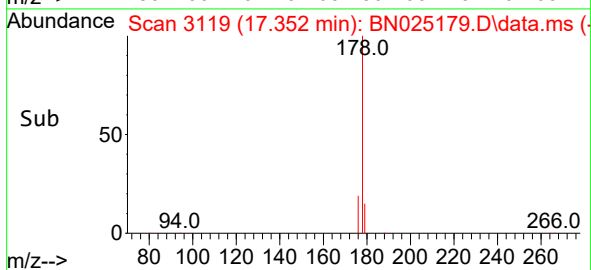
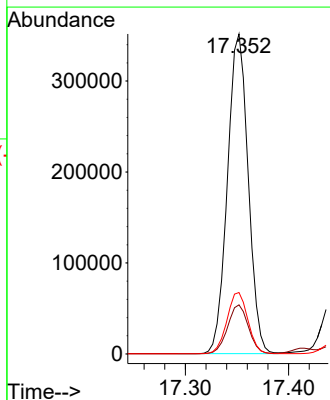
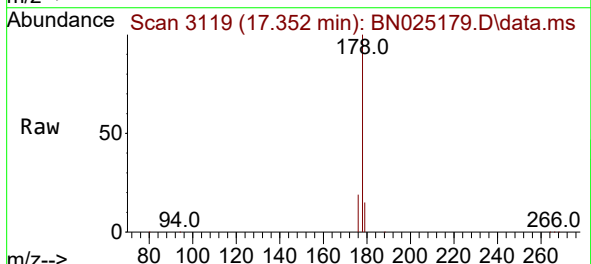
Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2

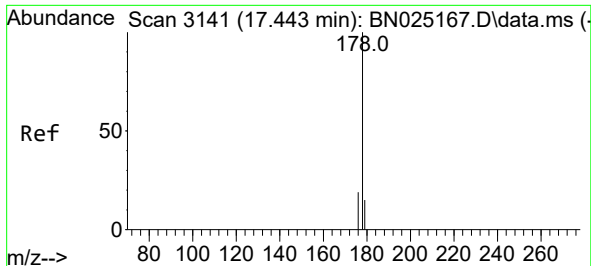
Tgt Ion:266 Resp: 926
 Ion Ratio Lower Upper
 266 100
 264 60.4 49.6 74.4
 268 58.2 51.3 76.9



#15
 Phenanthrene
 Concen: 5.109 ng/ul
 RT: 17.352 min Scan# 3119
 Delta R.T. 0.002 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

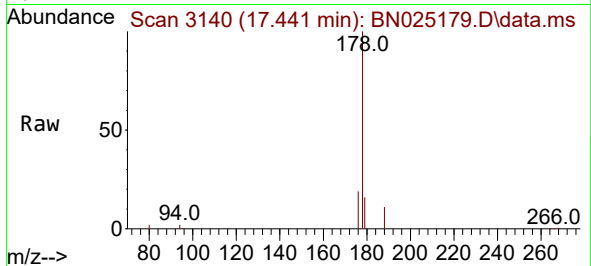
Tgt Ion:178 Resp: 490798
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.5 18.7
 176 19.2 15.6 23.4



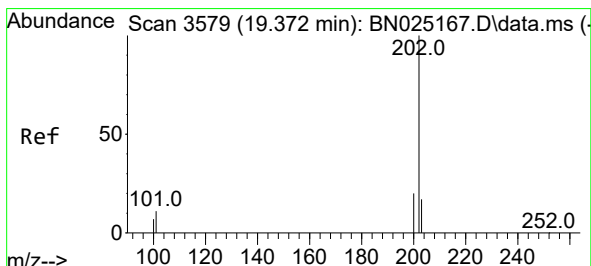
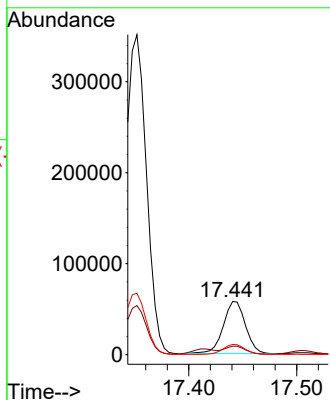
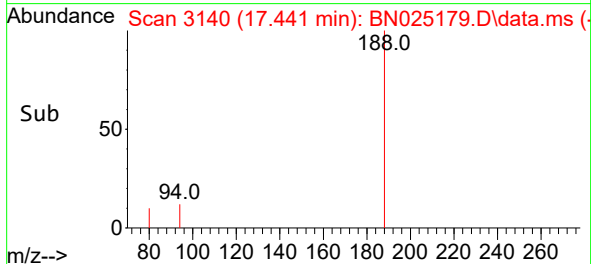


#16
 Anthracene
 Concen: 1.046 ng/ul
 RT: 17.441 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2

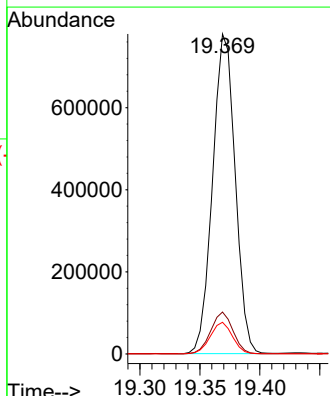
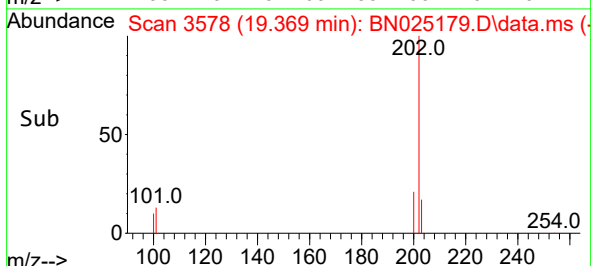
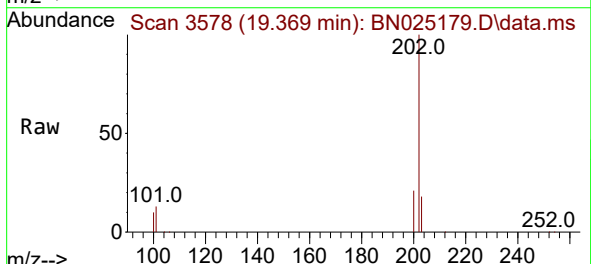


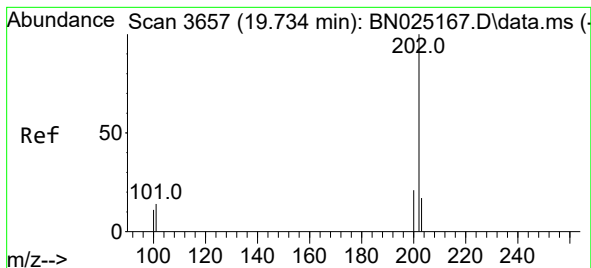
Tgt Ion:178 Resp: 82213
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.7 19.1
 176 19.3 15.3 22.9



#19
 Fluoranthene
 Concen: 10.974 ng/ul
 RT: 19.369 min Scan# 3578
 Delta R.T. -0.003 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

Tgt Ion:202 Resp: 1021637
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.7 14.5
 100 9.9 7.3 10.9





#20

Pyrene

Concen: 9.583 ng/ul

RT: 19.736 min Scan# 3657

Delta R.T. 0.002 min

Lab File: BN025179.D

Acq: 27 Apr 2023 15:58

Instrument :

BNA_N

ClientSampleId :

EW8Z2

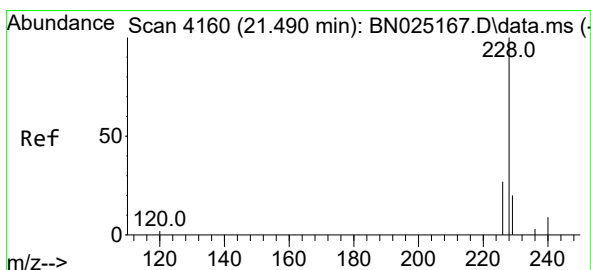
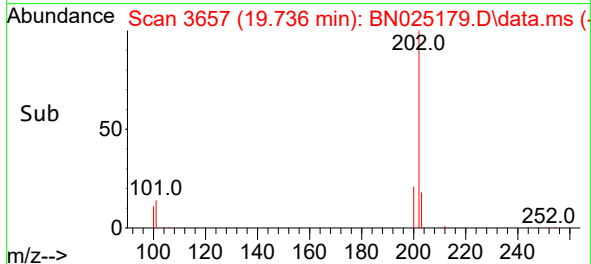
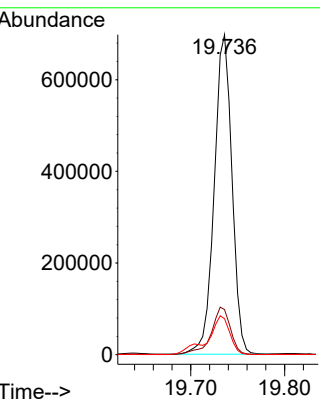
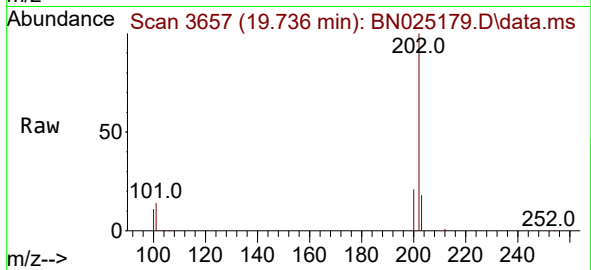
Tgt Ion:202 Resp: 916652

Ion Ratio Lower Upper

202 100

101 14.1 11.3 16.9

100 11.2 9.2 13.8



#21

Benzo(a)anthracene

Concen: 5.104 ng/ul

RT: 21.492 min Scan# 4160

Delta R.T. 0.002 min

Lab File: BN025179.D

Acq: 27 Apr 2023 15:58

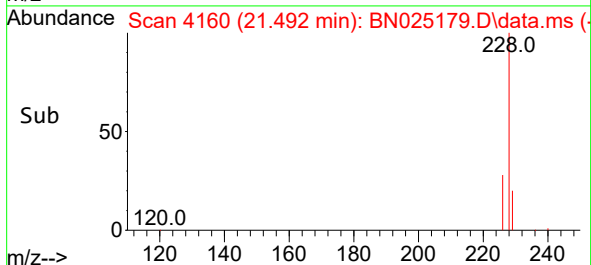
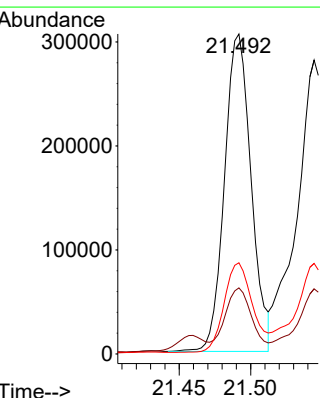
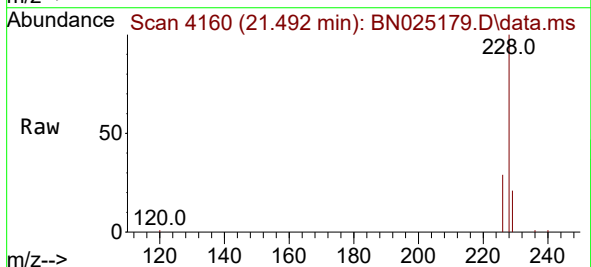
Tgt Ion:228 Resp: 395957

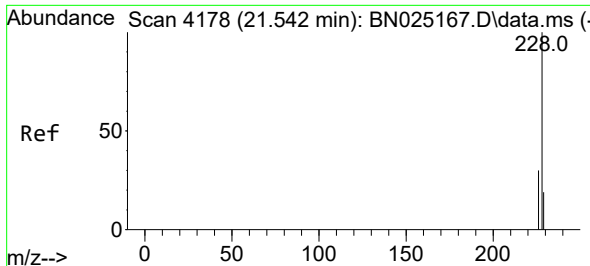
Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

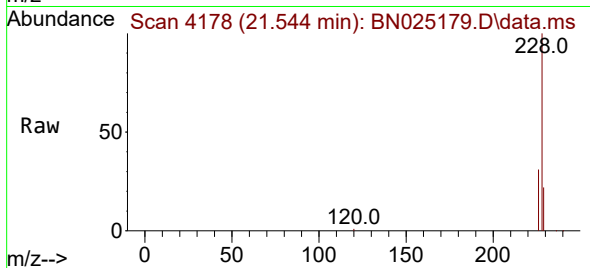
226 28.5 22.1 33.1



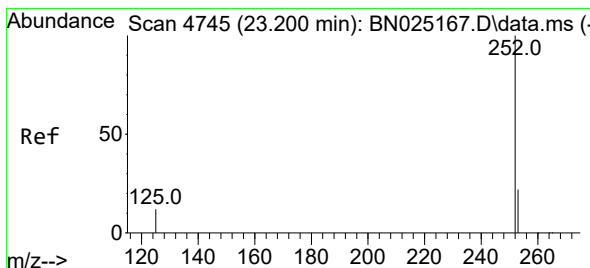
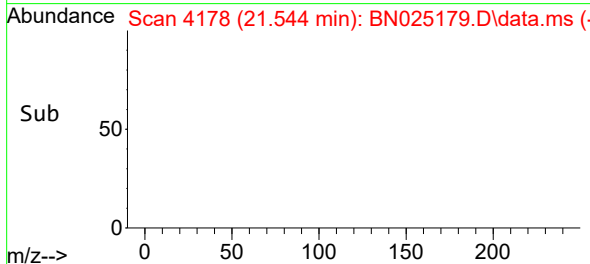
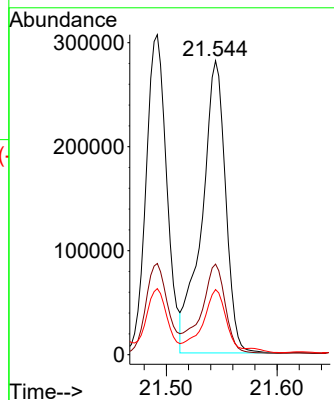


#22
Chrysene
Concen: 4.948 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Instrument :
BNA_N
ClientSampleId :
EW8Z2

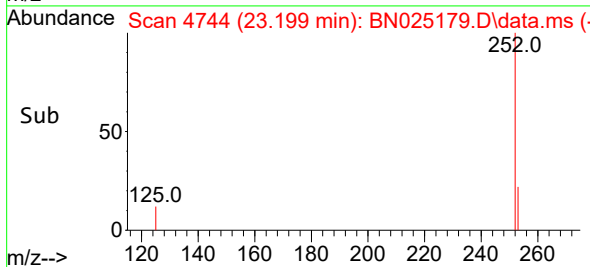
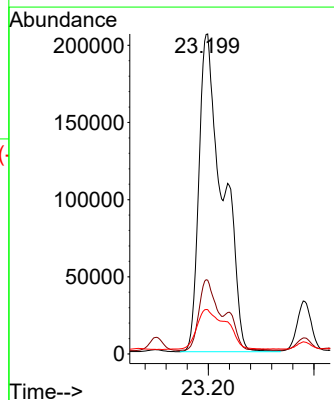
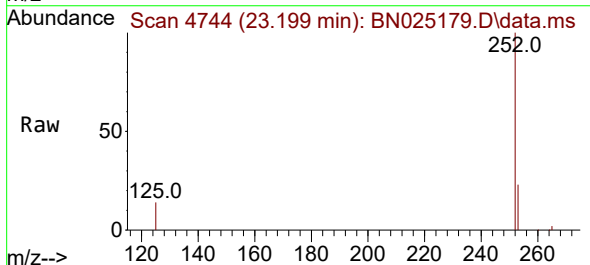


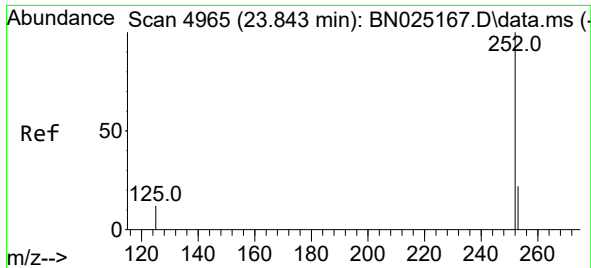
Tgt Ion:228 Resp: 418722
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.2 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 7.448 ng/ul
RT: 23.199 min Scan# 4744
Delta R.T. -0.001 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

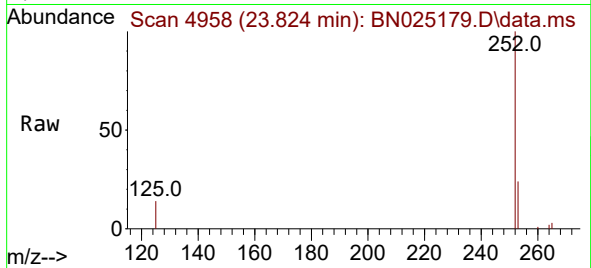
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Ion Ratio Lower Upper
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253 23.1 0.0 50.2
125 13.8 0.0 30.4



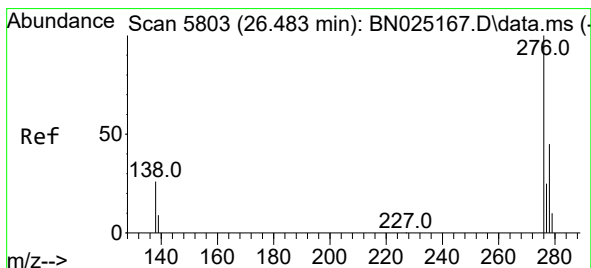
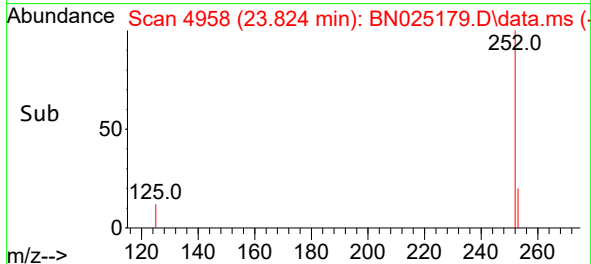
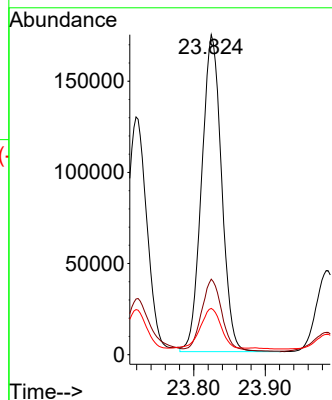


#26
Benzo(a)pyrene
Concen: 4.701 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.019 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Instrument :
BNA_N
ClientSampleId :
EW8Z2

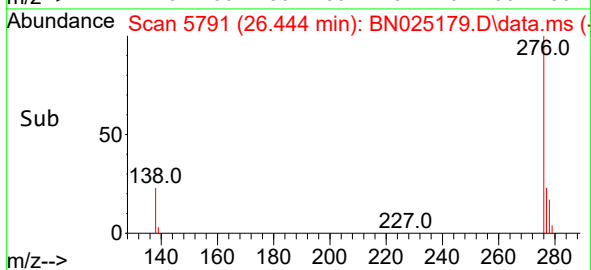
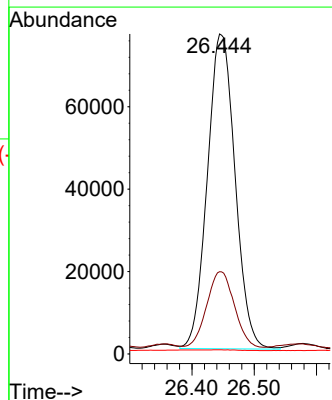
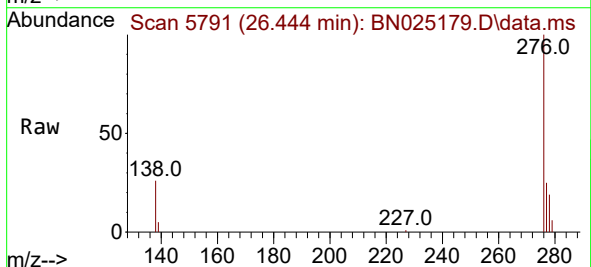


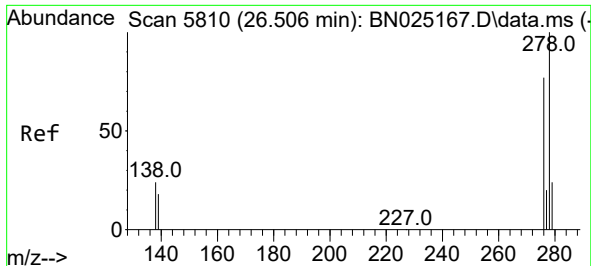
Tgt Ion:252 Resp: 336486
Ion Ratio Lower Upper
252 100
253 23.6 21.4 32.2
125 14.5 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.866 ng/ul
RT: 26.444 min Scan# 5791
Delta R.T. -0.038 min
Lab File: BN025179.D
Acq: 27 Apr 2023 15:58

Tgt Ion:276 Resp: 236419
Ion Ratio Lower Upper
276 100
138 24.0 21.9 32.9
227 0.0 0.1 0.1#

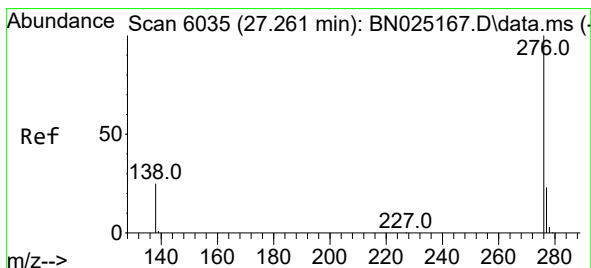
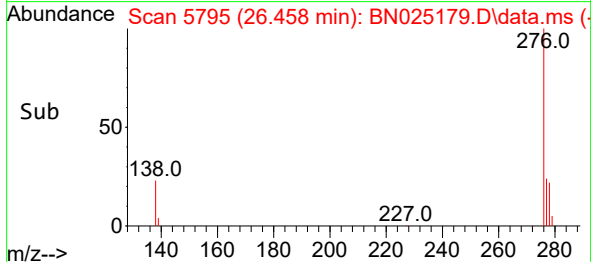
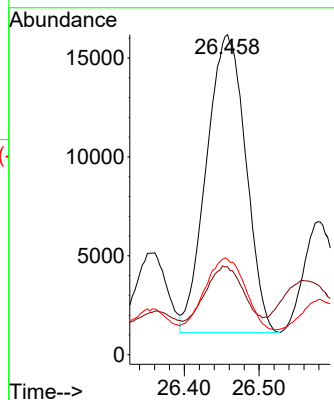
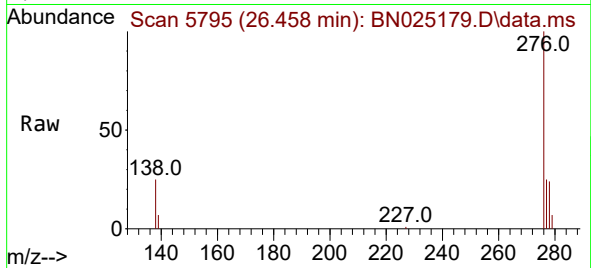




#28
 Dibenzo(a,h)anthracene
 Concen: 0.853 ng/ul
 RT: 26.458 min Scan# 51
 Delta R.T. -0.048 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z2

Tgt Ion:278 Resp: 54982
 Ion Ratio Lower Upper
 278 100
 139 27.5 17.0 25.6#
 279 29.9 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 2.972 ng/ul
 RT: 27.222 min Scan# 6023
 Delta R.T. -0.038 min
 Lab File: BN025179.D
 Acq: 27 Apr 2023 15:58

Tgt Ion:276 Resp: 208428
 Ion Ratio Lower Upper
 276 100
 138 26.9 20.3 30.5
 277 24.8 19.8 29.6

