

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025172.D
 Acq On : 27 Apr 2023 11:48
 Operator : CG/JU
 Sample : 02418-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y9

Quant Time: Apr 28 01:20:03 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)

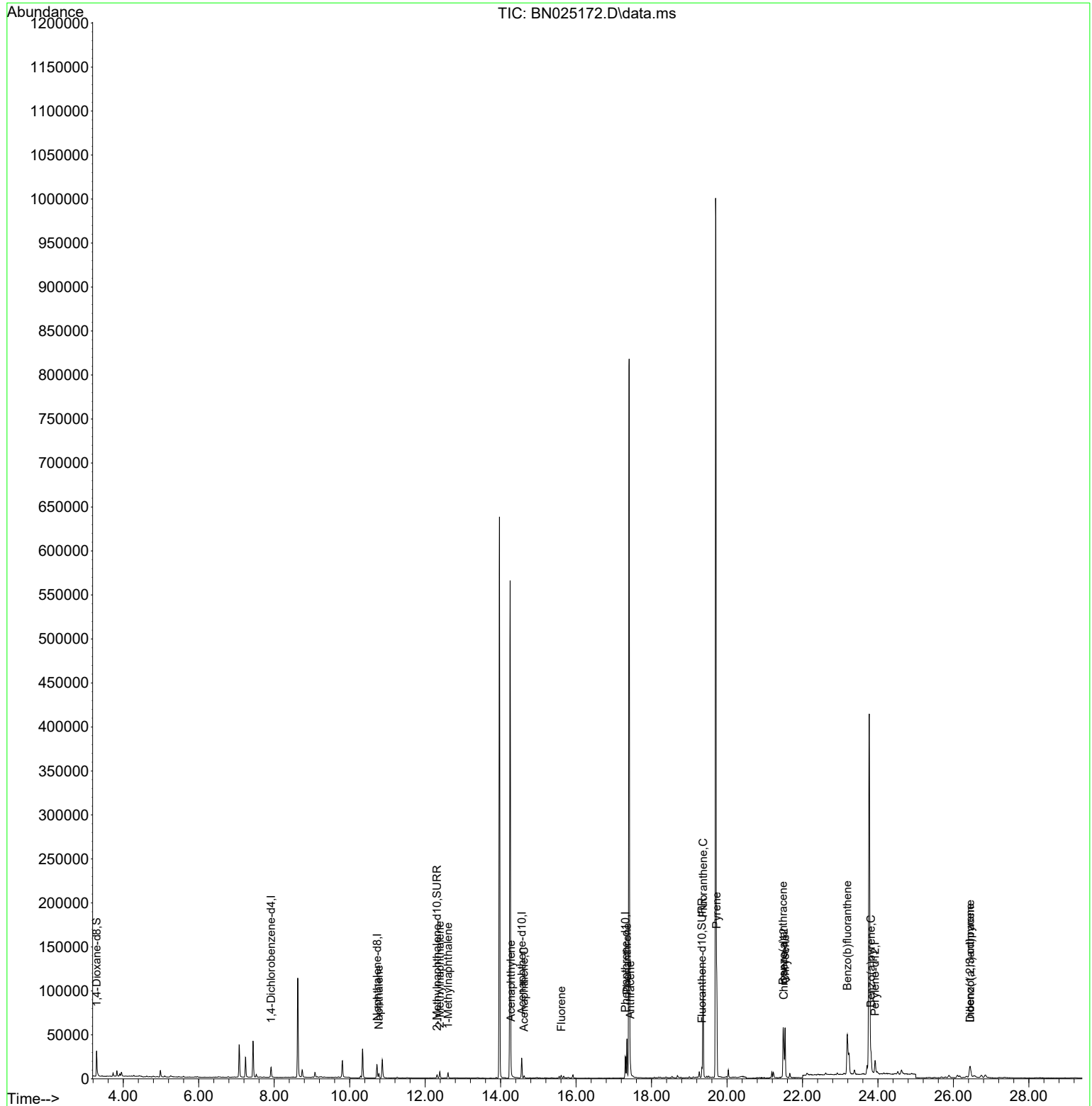
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	12370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	27956	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	23644	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	21897	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17090	2.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	4684	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11429	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	6992	0.137	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	5113	0.163	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	3892	0.117	ng/ul	99
10) Acenaphthylene	14.280	152	2882	0.063	ng/ul#	88
11) Acenaphthene	14.622	153	1480	0.038	ng/ul	99
12) Fluorene	15.607	166	1786	0.041	ng/ul#	91
15) Phenanthrene	17.348	178	45738	0.580	ng/ul	100
16) Anthracene	17.441	178	8064	0.125	ng/ul	97
19) Fluoranthene	19.364	202	112160	1.312	ng/ul	98
20) Pyrene	19.727	202	87709	0.998	ng/ul	98
21) Benzo(a)anthracene	21.486	228	45271	0.635	ng/ul	98
22) Chrysene	21.538	228	59129	0.761	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	106144	1.195	ng/ul	96
26) Benzo(a)pyrene	23.816	252	26267	0.357	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.441	276	22697	0.268	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.448	278	7229	0.109	ng/ul#	82

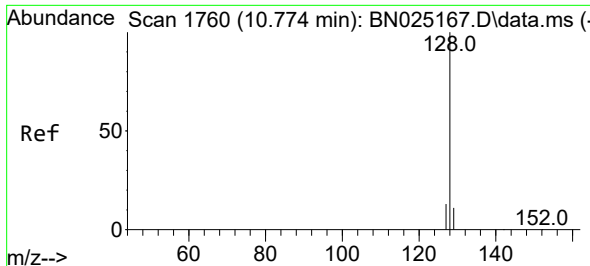
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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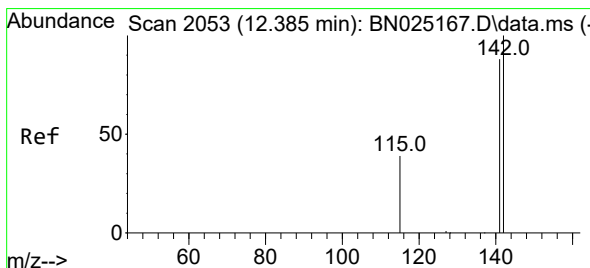
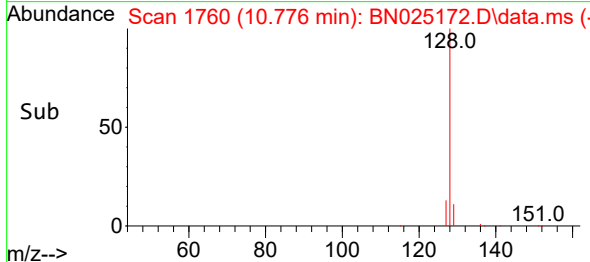
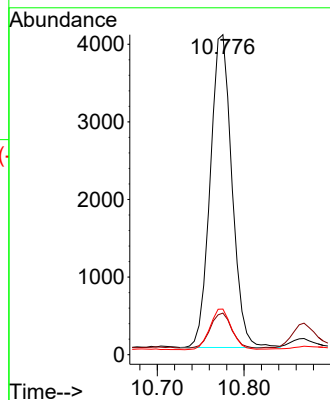
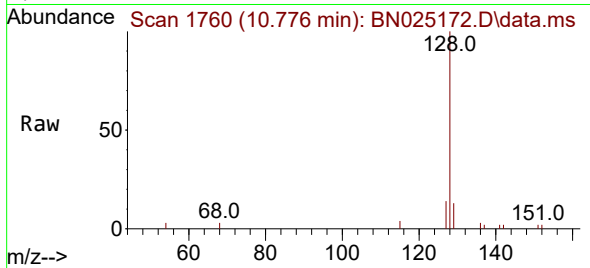




#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

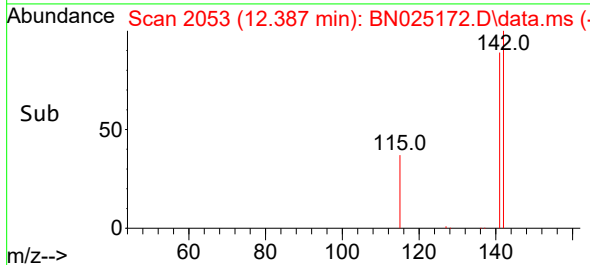
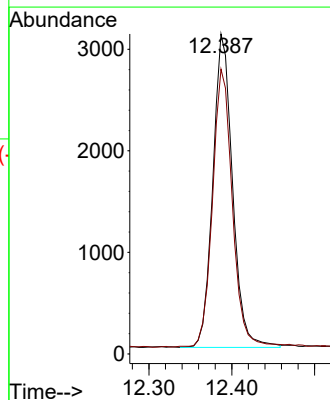
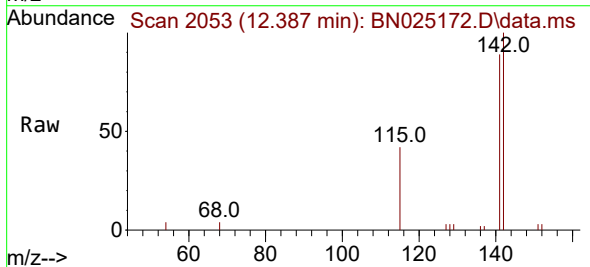
Instrument :
BNA_N
ClientSampleId :
EW8Y9

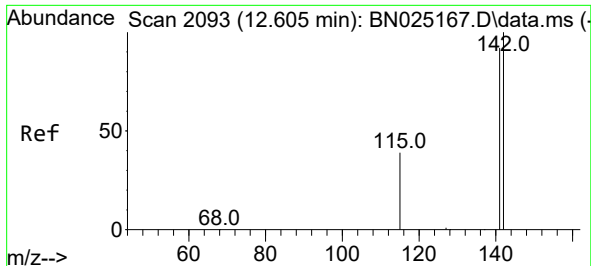
Tgt Ion:128 Resp: 6992
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 14.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Tgt Ion:142 Resp: 5113
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0

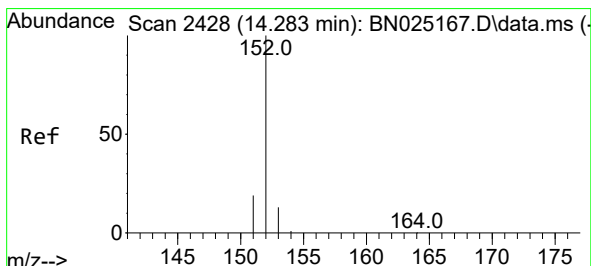
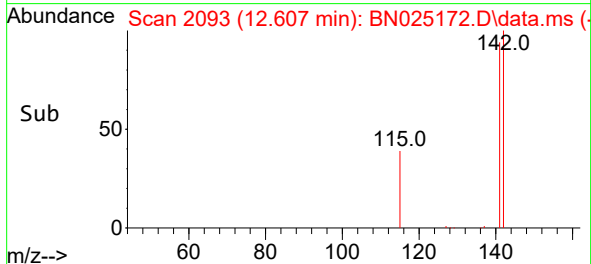
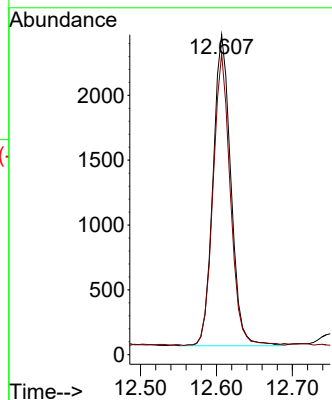
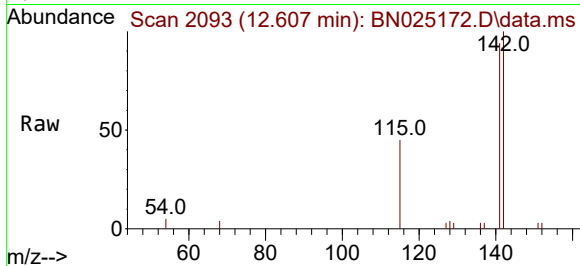




#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

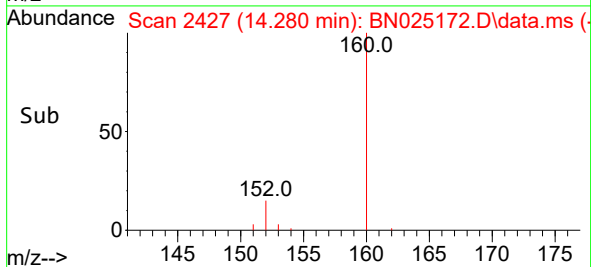
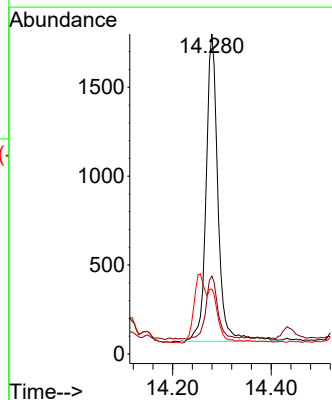
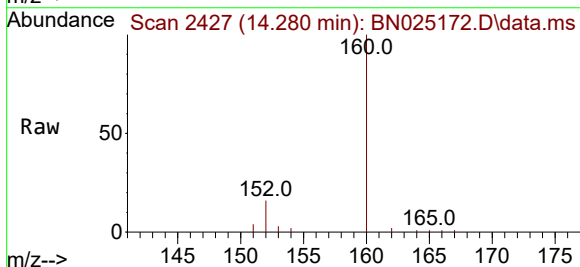
Instrument :
BNA_N
ClientSampleId :
EW8Y9

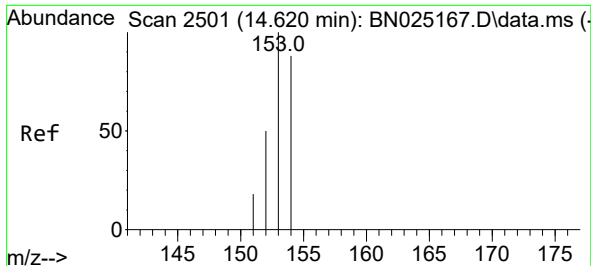
Tgt Ion:142 Resp: 3892
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Tgt Ion:152 Resp: 2882
Ion Ratio Lower Upper
152 100
151 24.3 16.0 24.0#
153 20.3 10.8 16.2#

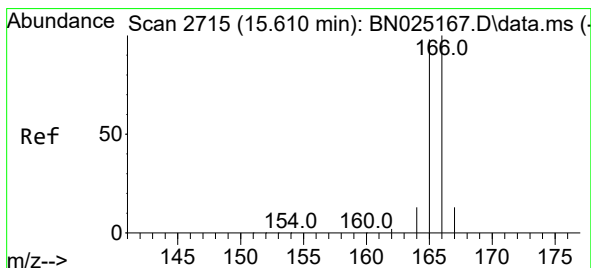
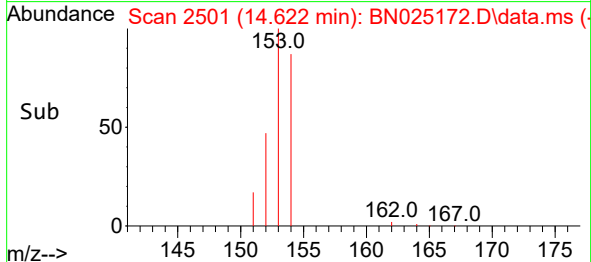
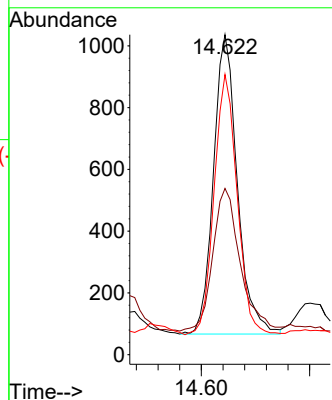
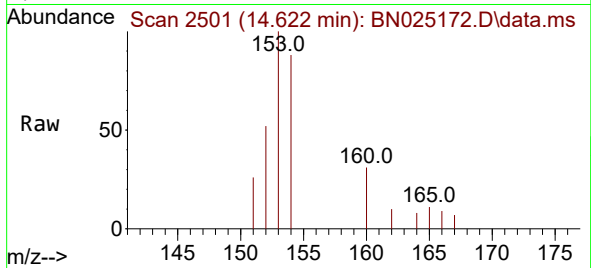




#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

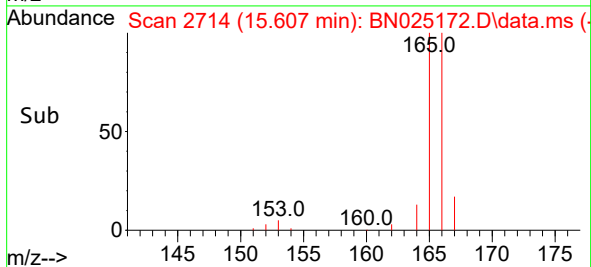
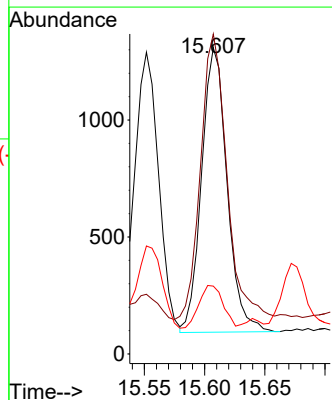
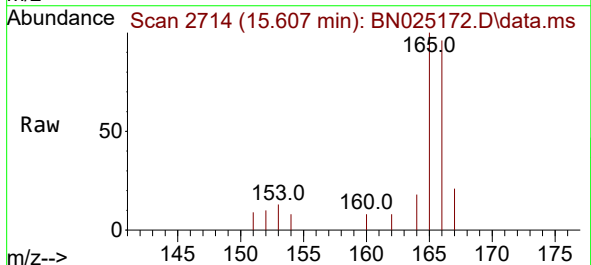
Instrument :
BNA_N
ClientSampleId :
EW8Y9

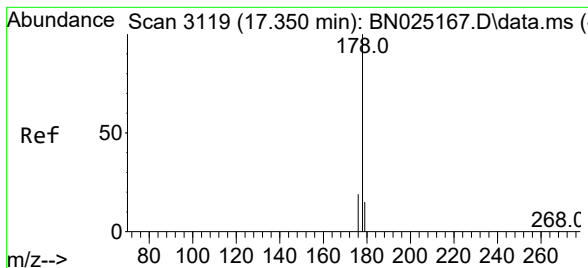
Tgt Ion:153 Resp: 1480
Ion Ratio Lower Upper
153 100
152 51.9 40.2 60.4
154 87.5 69.4 104.2



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.003 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Tgt Ion:166 Resp: 1786
Ion Ratio Lower Upper
166 100
165 104.5 78.1 117.1
167 22.2 11.0 16.6#





#15

Phenanthrene

Concen: 0.580 ng/ul

RT: 17.348 min Scan# 3119

Delta R.T. -0.003 min

Lab File: BN025172.D

Acq: 27 Apr 2023 11:48

Instrument :

BNA_N

ClientSampleId :

EW8Y9

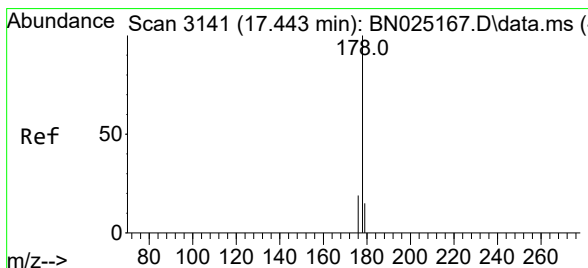
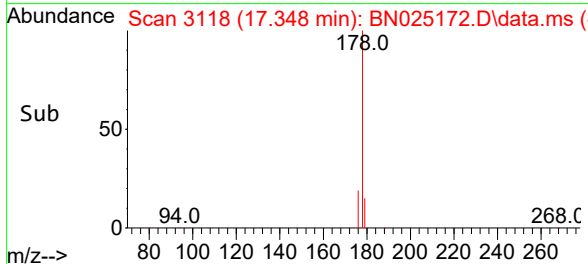
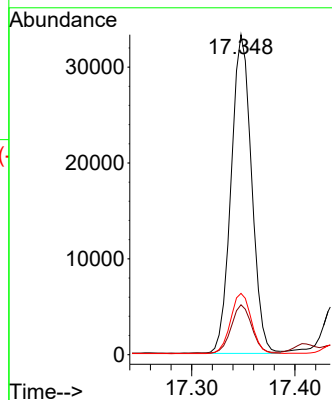
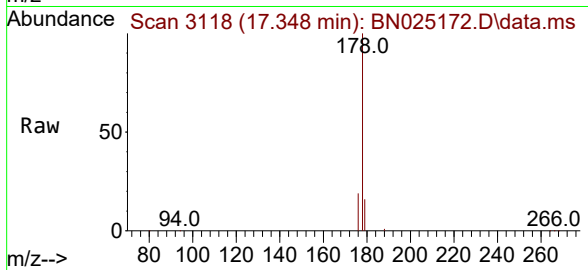
Tgt Ion:178 Resp: 45738

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.2 15.6 23.4



#16

Anthracene

Concen: 0.125 ng/ul

RT: 17.441 min Scan# 3140

Delta R.T. -0.003 min

Lab File: BN025172.D

Acq: 27 Apr 2023 11:48

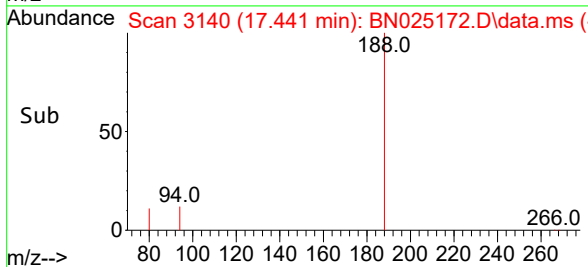
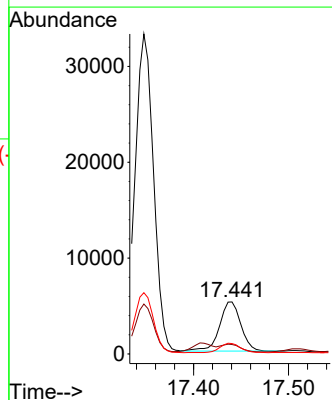
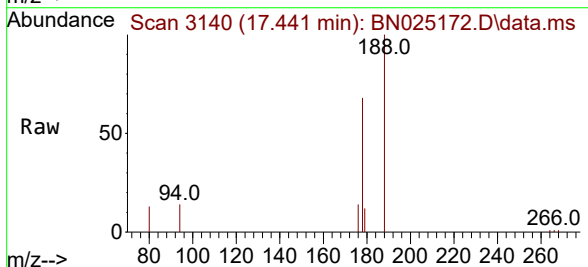
Tgt Ion:178 Resp: 8064

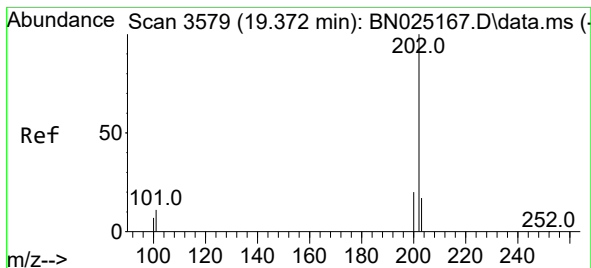
Ion Ratio Lower Upper

178 100

179 18.2 12.7 19.1

176 19.9 15.3 22.9





#19

Fluoranthene

Concen: 1.312 ng/ul

RT: 19.364 min Scan# 3577

Delta R.T. -0.007 min

Lab File: BN025172.D

Acq: 27 Apr 2023 11:48

Instrument :

BNA_N

ClientSampleId :

EW8Y9

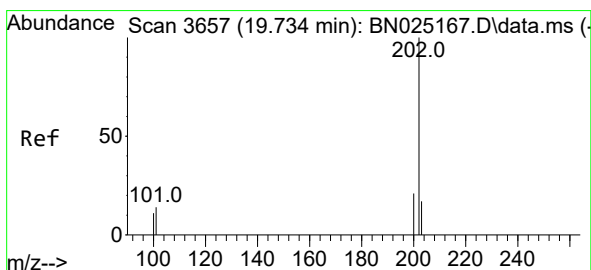
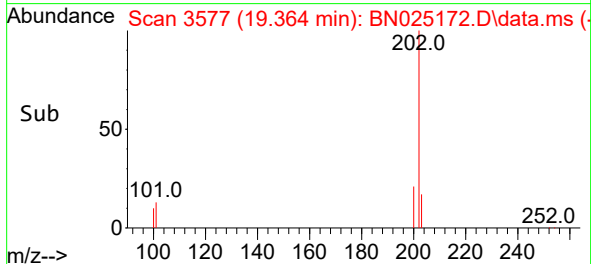
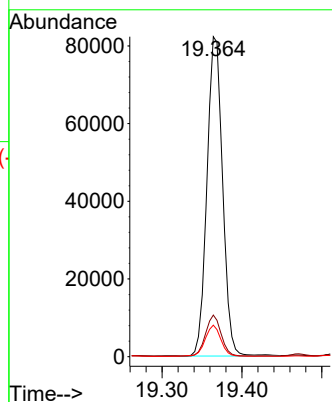
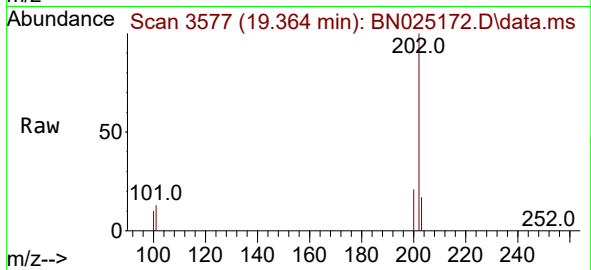
Tgt Ion:202 Resp: 112160

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

100 9.8 7.3 10.9



#20

Pyrene

Concen: 0.998 ng/ul

RT: 19.727 min Scan# 3655

Delta R.T. -0.007 min

Lab File: BN025172.D

Acq: 27 Apr 2023 11:48

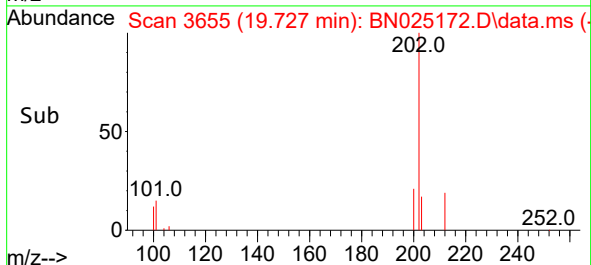
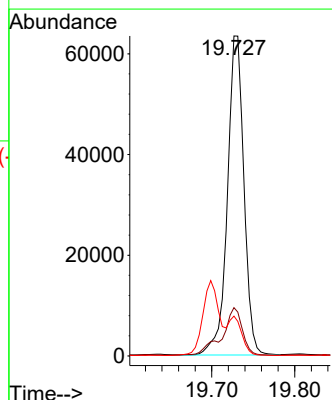
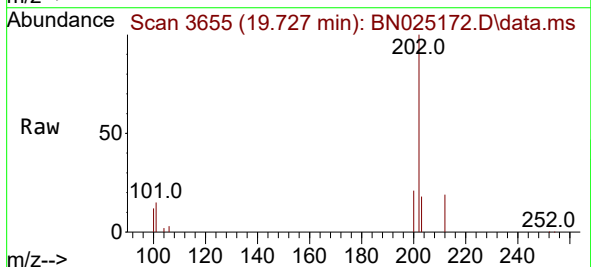
Tgt Ion:202 Resp: 87709

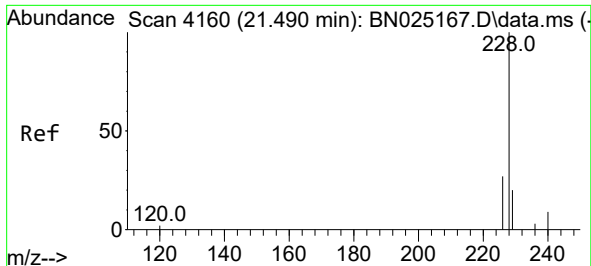
Ion Ratio Lower Upper

202 100

101 15.1 11.3 16.9

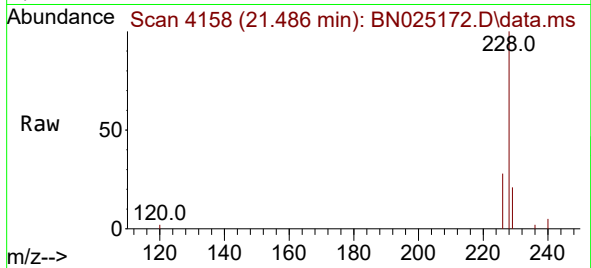
100 12.4 9.2 13.8



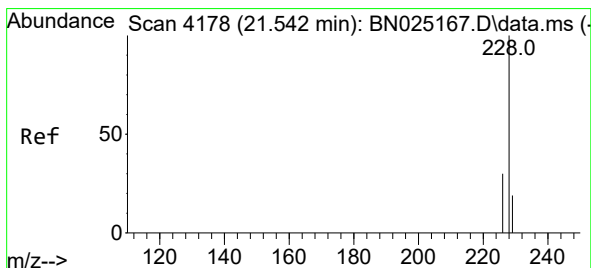
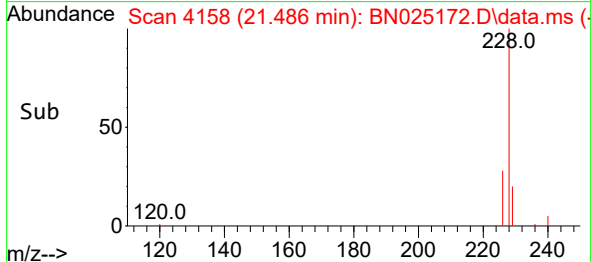
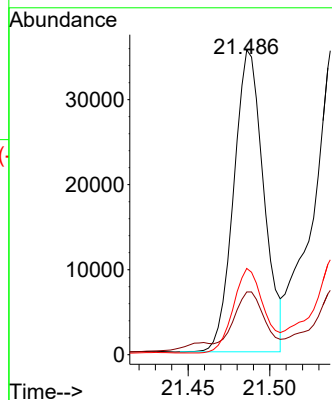


#21
Benzo(a)anthracene
Concen: 0.635 ng/ul
RT: 21.486 min Scan# 4158
Delta R.T. -0.004 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_N
ClientSampleId :
EW8Y9

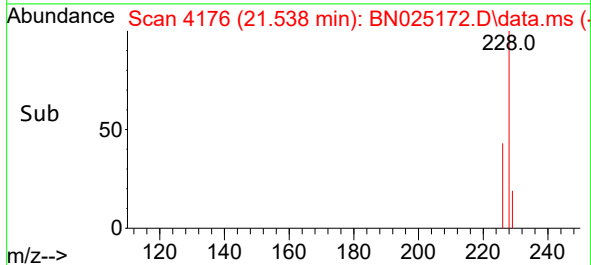
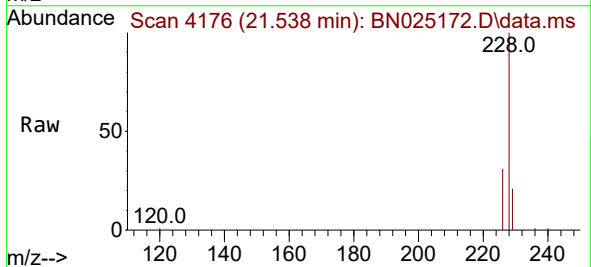
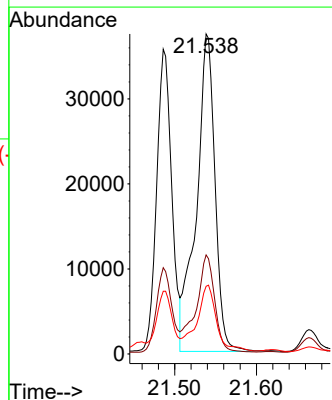


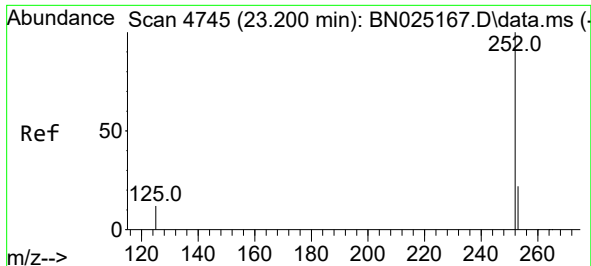
Tgt Ion:228 Resp: 45271
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.761 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

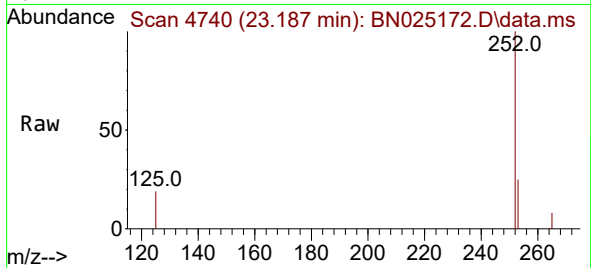
Tgt Ion:228 Resp: 59129
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.1 15.8 23.6



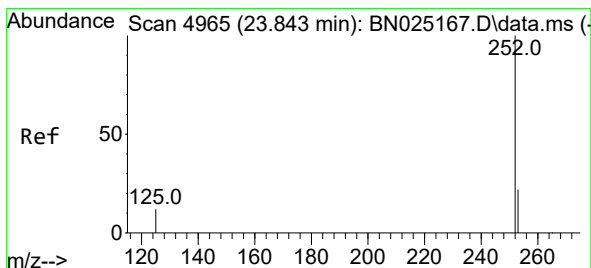
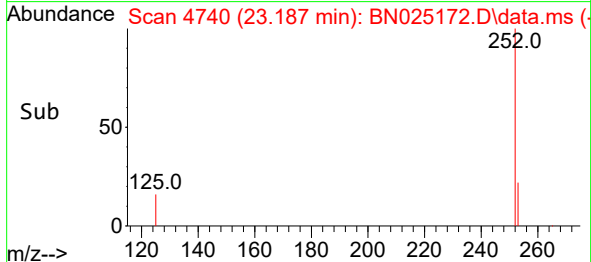
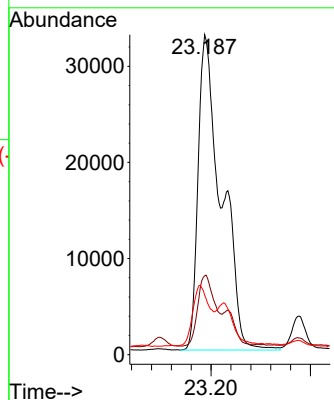


#24
Benzo(b)fluoranthene
Concen: 1.195 ng/ul
RT: 23.187 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_N
ClientSampleId :
EW8Y9

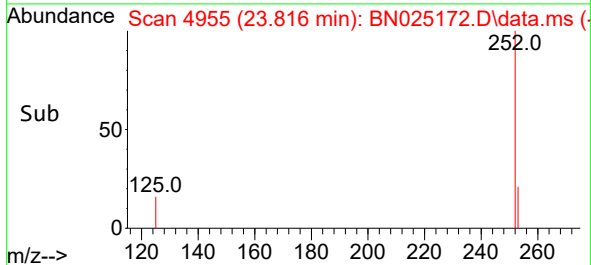
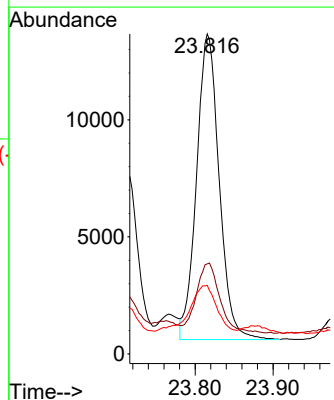
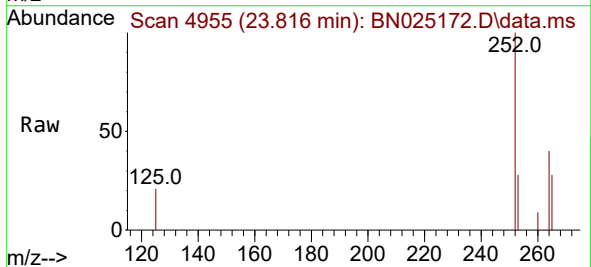


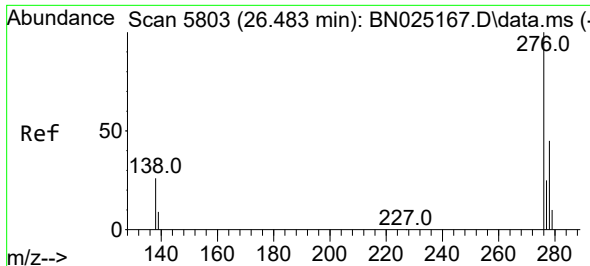
Tgt Ion:252 Resp: 106144
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.2
125 18.6 0.0 30.4



#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.816 min Scan# 4955
Delta R.T. -0.027 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Tgt Ion:252 Resp: 26267
Ion Ratio Lower Upper
252 100
253 28.1 21.4 32.2
125 21.5 14.6 22.0

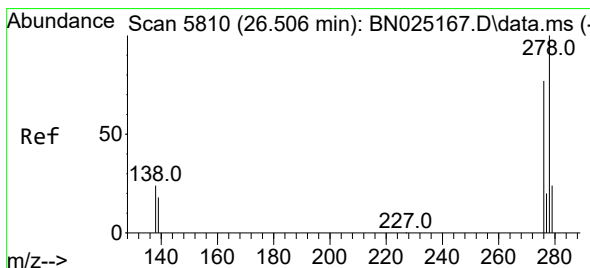
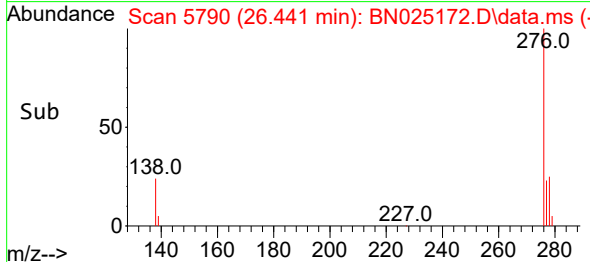
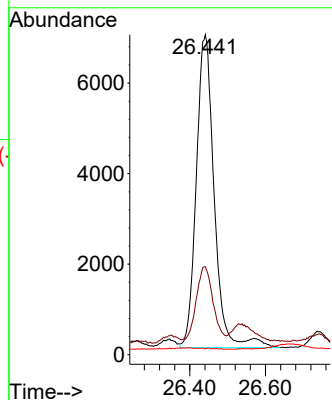
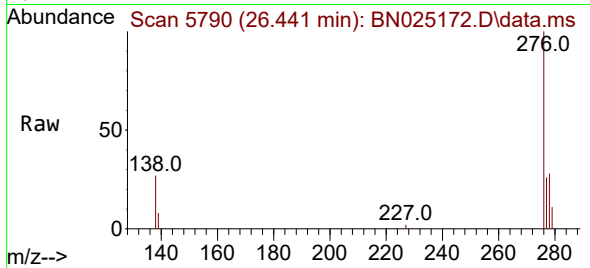




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.268 ng/ul
 RT: 26.441 min Scan# 51
 Delta R.T. -0.042 min
 Lab File: BN025172.D
 Acq: 27 Apr 2023 11:48

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y9

Tgt Ion:276 Resp: 22697
 Ion Ratio Lower Upper
 276 100
 138 22.8 21.9 32.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/ul
 RT: 26.448 min Scan# 5792
 Delta R.T. -0.058 min
 Lab File: BN025172.D
 Acq: 27 Apr 2023 11:48

Tgt Ion:278 Resp: 7229
 Ion Ratio Lower Upper
 278 100
 139 28.0 17.0 25.6#
 279 37.8 21.8 32.8#

