

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025792.D
 Acq On : 12 Jun 2023 21:24
 Operator : MA/JU
 Sample : 02960-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MSD

Quant Time: Jun 13 00:04:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

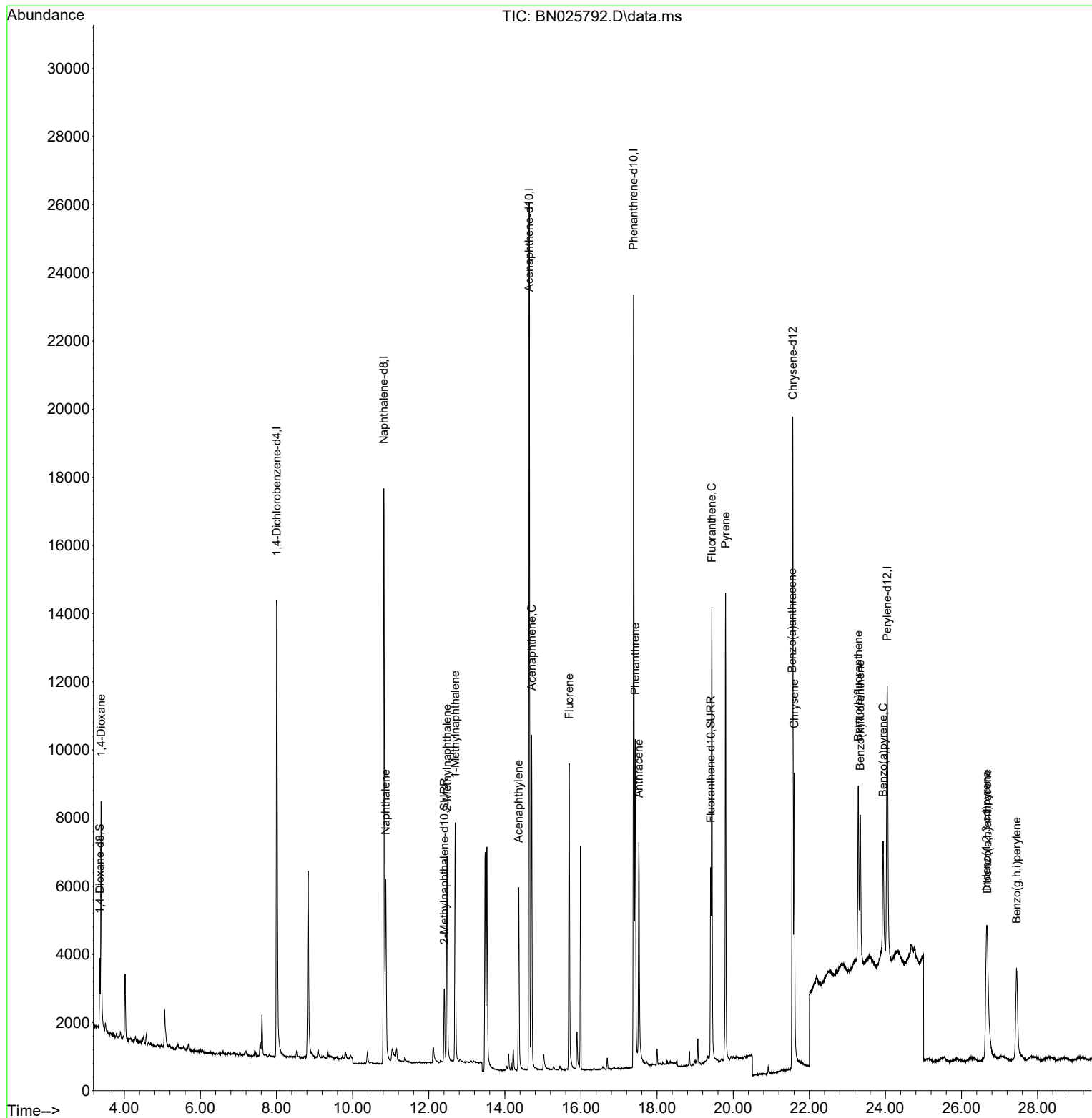
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8469	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	25464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	28825	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	16777	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	13464	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1396	0.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	3200	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	6501	0.123	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	4873	0.547	ng/ul	98
5) Naphthalene	10.869	128	7846	0.121	ng/ul	97
7) 2-Methylnaphthalene	12.480	142	4891	0.125	ng/ul	99
8) 1-Methylnaphthalene	12.695	142	5166	0.120	ng/ul	99
10) Acenaphthylene	14.367	152	7151	0.126	ng/ul	98
11) Acenaphthene	14.704	153	5873	0.124	ng/ul	98
12) Fluorene	15.690	166	6571	0.124	ng/ul	99
15) Phenanthrene	17.427	178	11005	0.131	ng/ul	99
16) Anthracene	17.520	178	8773	0.124	ng/ul	97
19) Fluoranthene	19.438	202	11919	0.155	ng/ul	98
20) Pyrene	19.800	202	12113	0.152	ng/ul	98
21) Benzo(a)anthracene	21.549	228	7821	0.146	ng/ul	98
22) Chrysene	21.605	228	8628	0.141	ng/ul	98
24) Benzo(b)fluoranthene	23.288	252	7348	0.133	ng/ul	75
25) Benzo(k)fluoranthene	23.338	252	7079	0.128	ng/ul#	72
26) Benzo(a)pyrene	23.940	252	5716	0.122	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.651	276	8243	0.155	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.678	278	5348	0.133	ng/ul#	73
29) Benzo(g,h,i)perylene	27.446	276	6253	0.131	ng/ul	92

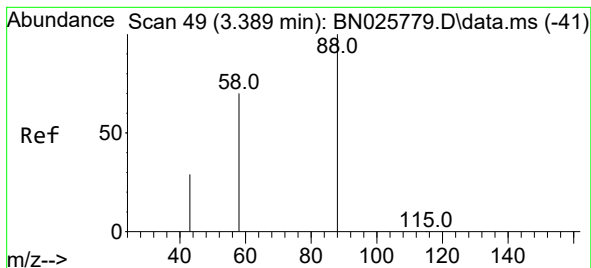
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025792.D
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Quant Time: Jun 13 00:04:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
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QLast Update : Sat Jun 10 02:01:49 2023
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#2

1,4-Dioxane

Concen: 0.547 ng/ul

RT: 3.390 min Scan# 49

Delta R.T. -0.000 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

Instrument :

BNA_N

ClientSampleId :

H0FN8MSD

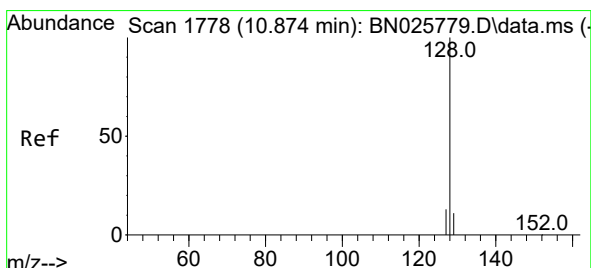
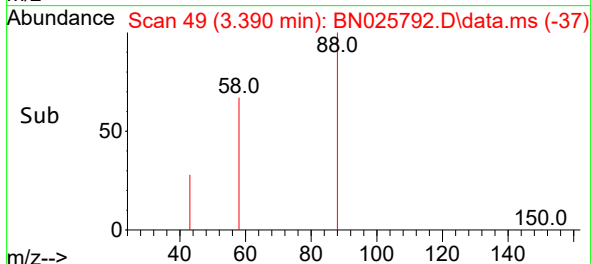
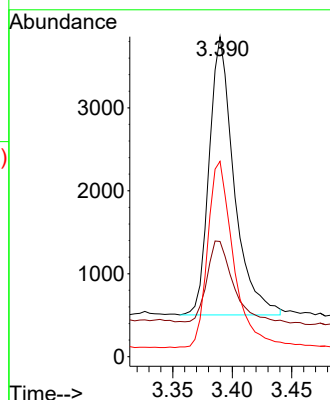
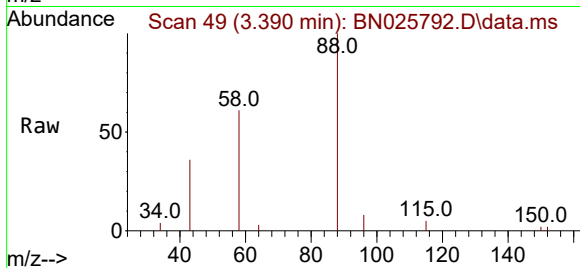
Tgt Ion: 88 Resp: 4873

Ion Ratio Lower Upper

88 100

43 36.0 26.5 39.7

58 61.0 49.0 73.6



#5

Naphthalene

Concen: 0.121 ng/ul

RT: 10.869 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

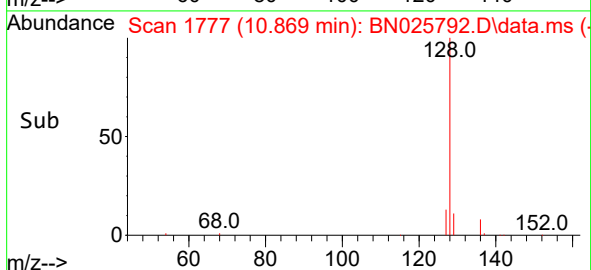
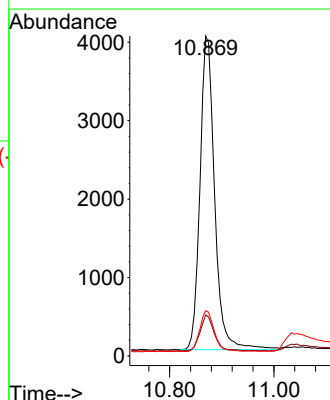
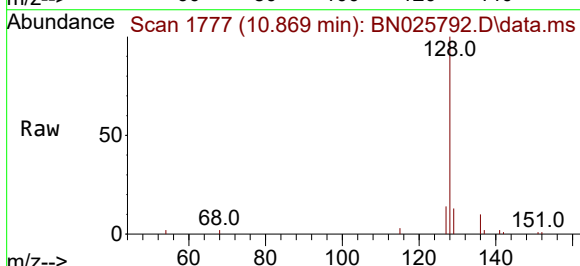
Tgt Ion:128 Resp: 7846

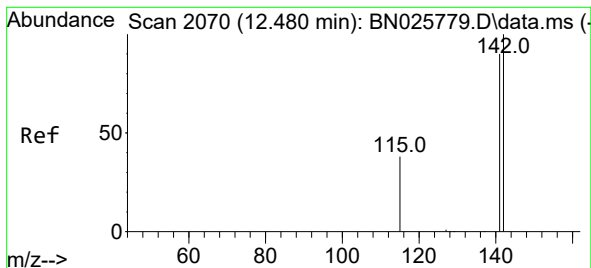
Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

127 14.2 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.125 ng/ul

RT: 12.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

Instrument :

BNA_N

ClientSampleId :

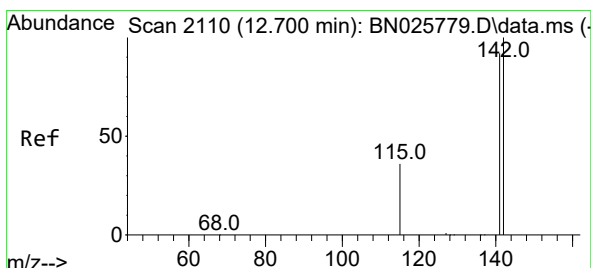
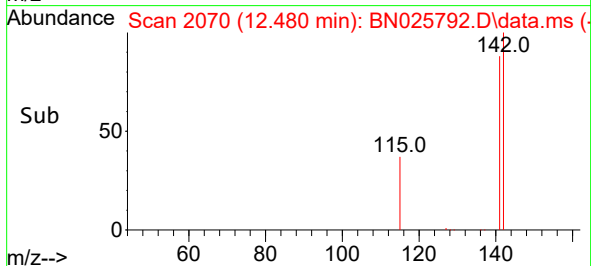
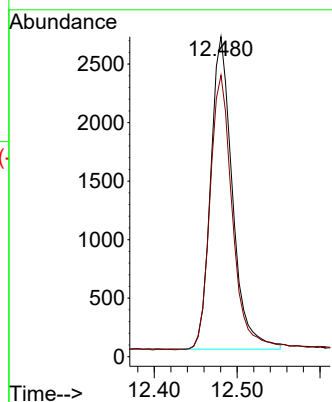
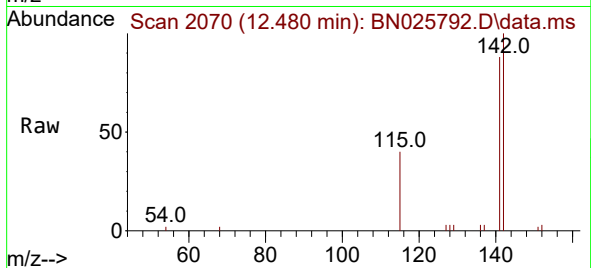
H0FN8MSD

Tgt Ion:142 Resp: 4891

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2



#8

1-Methylnaphthalene

Concen: 0.120 ng/ul

RT: 12.695 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BN025792.D

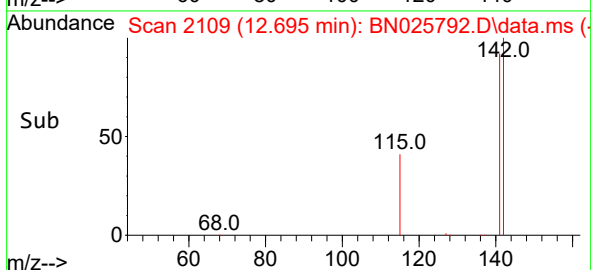
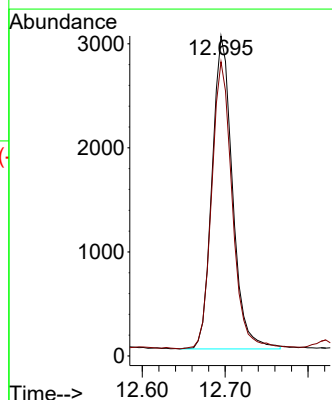
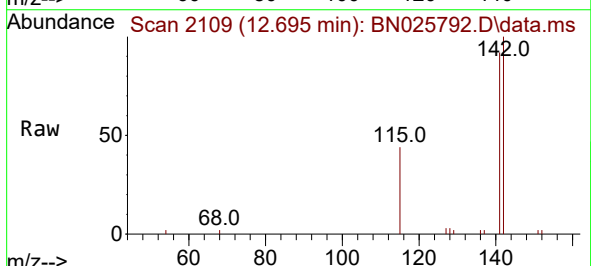
Acq: 12 Jun 2023 21:24

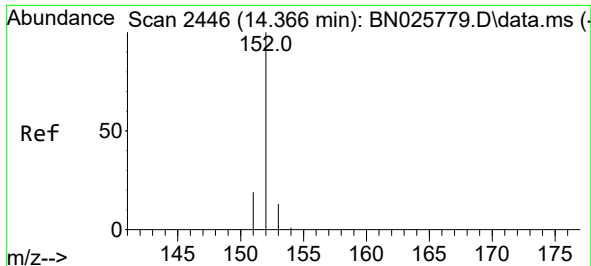
Tgt Ion:142 Resp: 5166

Ion Ratio Lower Upper

142 100

141 91.9 74.0 111.0

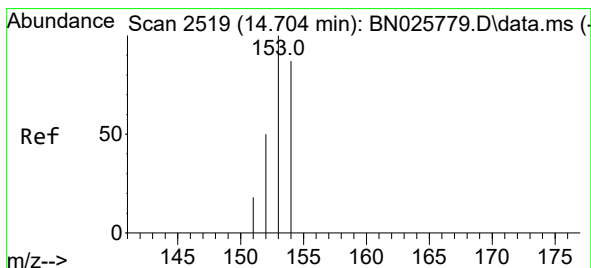
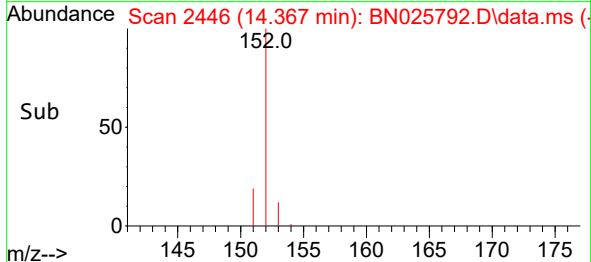
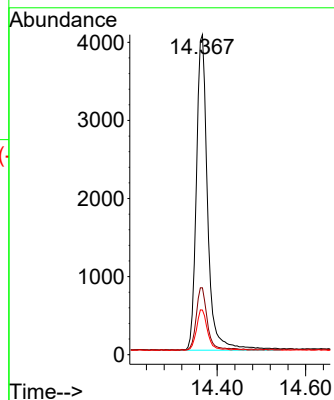
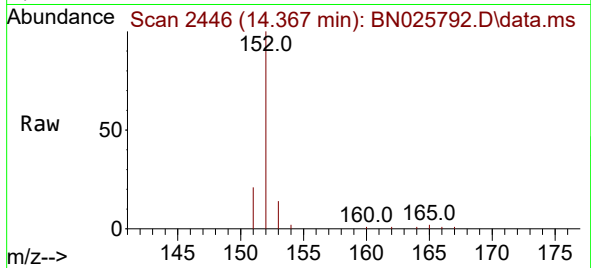




#10
Acenaphthylene
Concen: 0.126 ng/ul
RT: 14.367 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

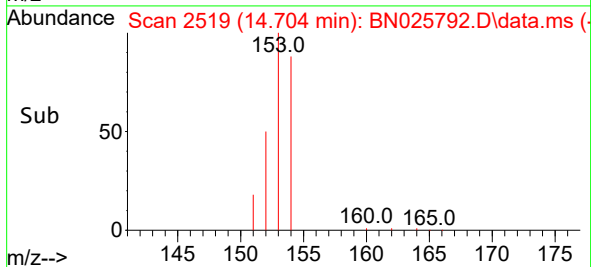
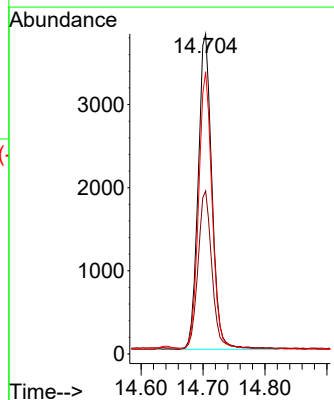
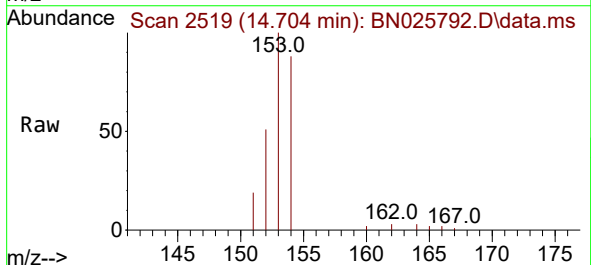
Instrument :
BNA_N
ClientSampleId :
H0FN8MSD

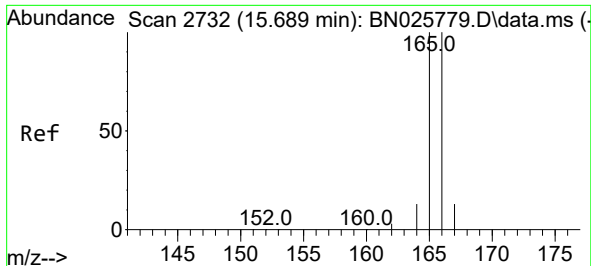
Tgt Ion:152 Resp: 7151
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

Tgt Ion:153 Resp: 5873
Ion Ratio Lower Upper
153 100
152 50.9 39.5 59.3
154 88.2 68.8 103.2

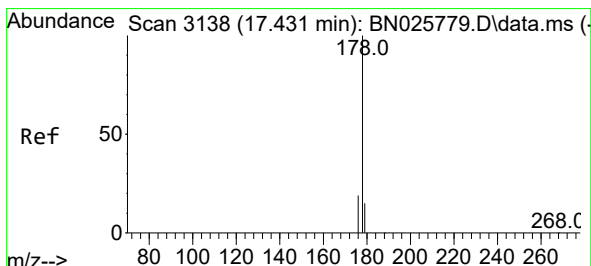
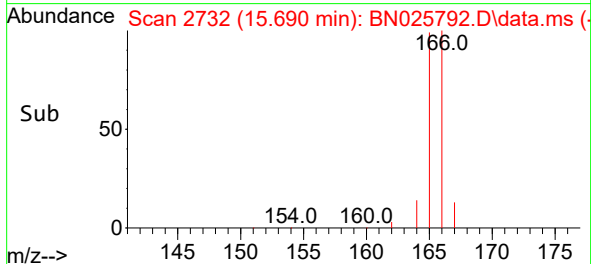
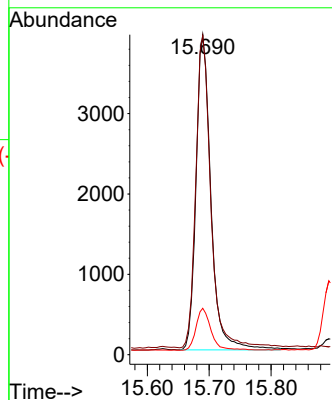
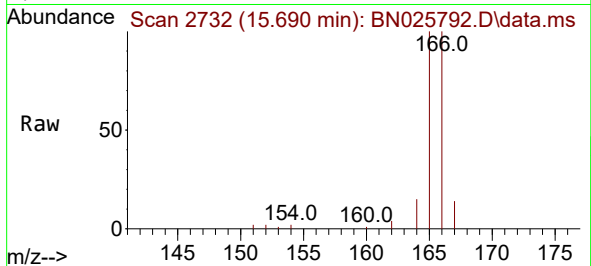




#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

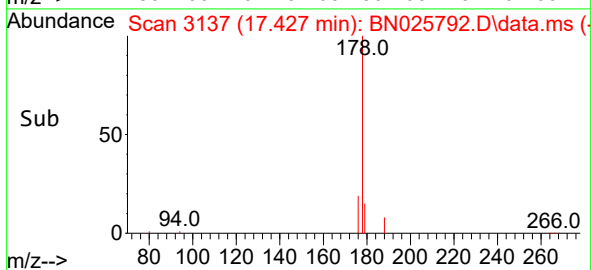
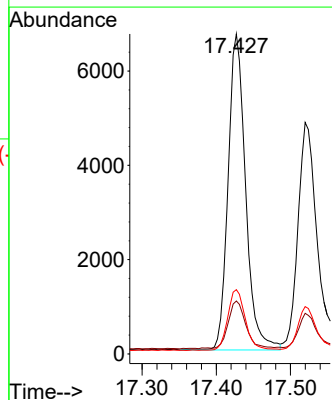
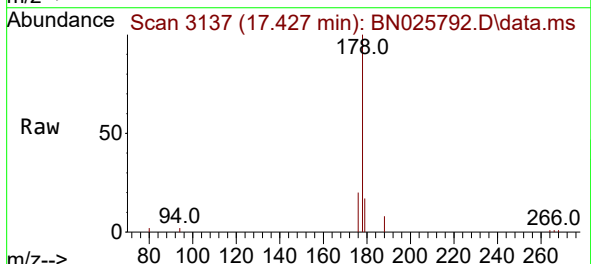
Instrument :
BNA_N
ClientSampleId :
H0FN8MSD

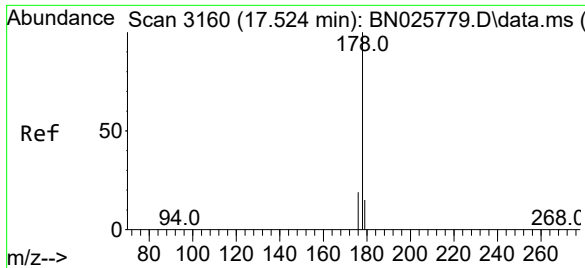
Tgt Ion:166 Resp: 6571
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 14.5 11.0 16.6



#15
Phenanthrene
Concen: 0.131 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

Tgt Ion:178 Resp: 11005
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 20.1 15.8 23.8

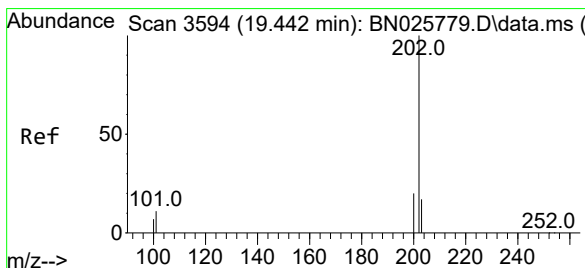
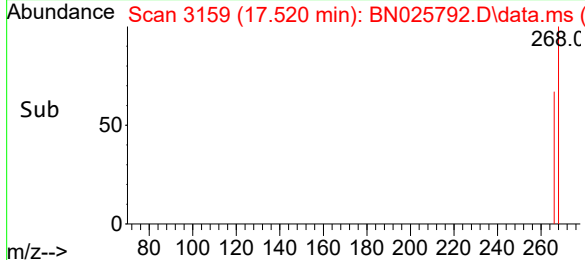
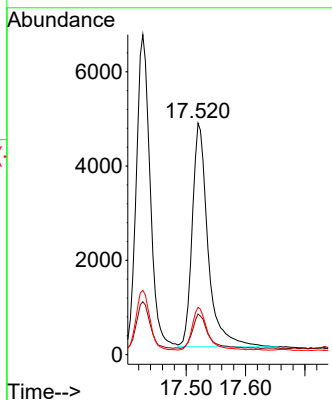
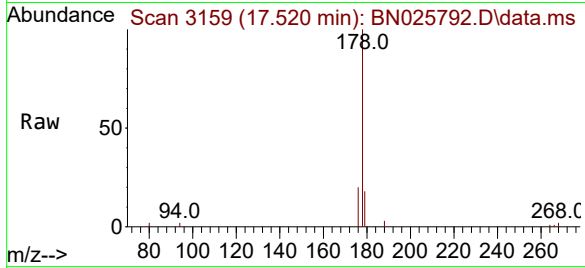




#16
 Anthracene
 Concen: 0.124 ng/ul
 RT: 17.520 min Scan# 3160
 Delta R.T. -0.004 min
 Lab File: BN025792.D
 Acq: 12 Jun 2023 21:24

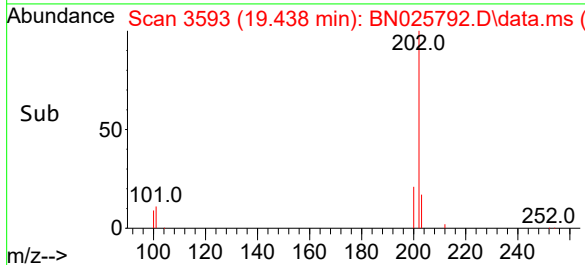
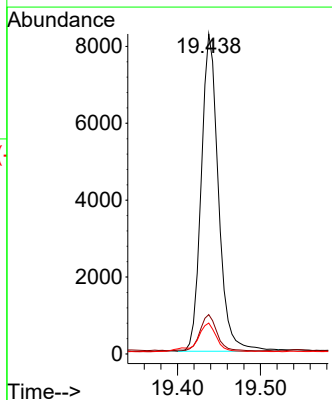
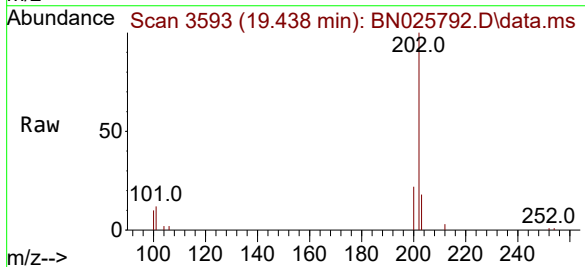
Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MSD

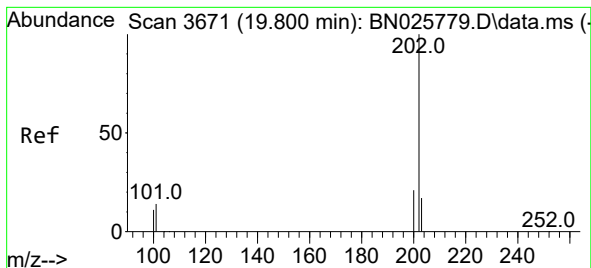
Tgt Ion:178	Resp:	8773
Ion Ratio	Lower	Upper
178	100	
179	17.5	12.6 19.0
176	20.5	15.4 23.2



#19
 Fluoranthene
 Concen: 0.155 ng/ul
 RT: 19.438 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BN025792.D
 Acq: 12 Jun 2023 21:24

Tgt Ion:202	Resp:	11919
Ion Ratio	Lower	Upper
202	100	
101	12.3	9.1 13.7
100	9.7	7.0 10.6





#20

Pyrene

Concen: 0.152 ng/ul

RT: 19.800 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

Instrument :

BNA_N

ClientSampleId :

H0FN8MSD

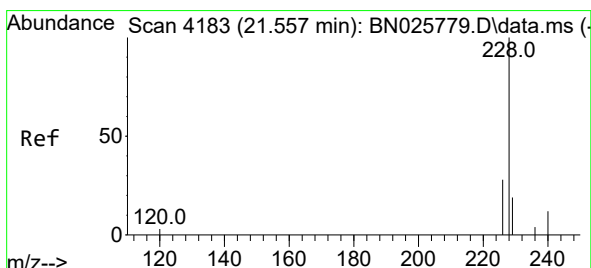
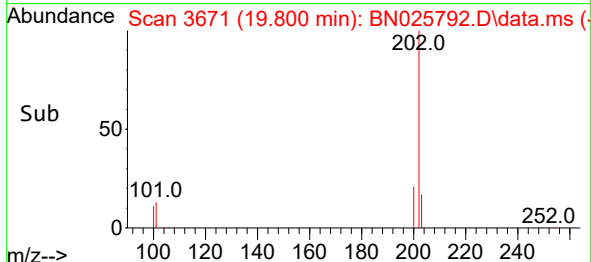
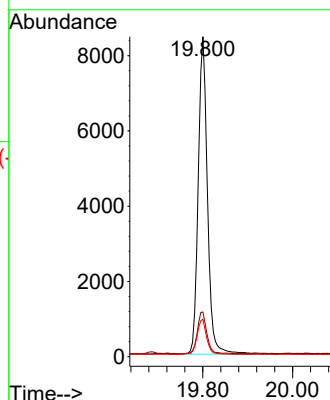
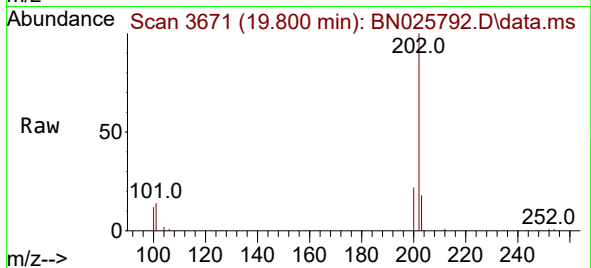
Tgt Ion:202 Resp: 12113

Ion Ratio Lower Upper

202 100

101 13.9 10.4 15.6

100 11.7 8.8 13.2



#21

Benzo(a)anthracene

Concen: 0.146 ng/ul

RT: 21.549 min Scan# 4180

Delta R.T. -0.003 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

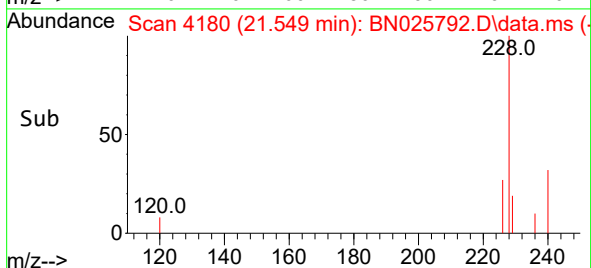
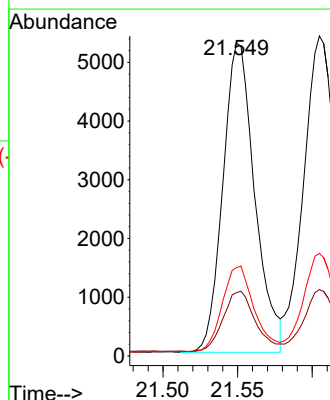
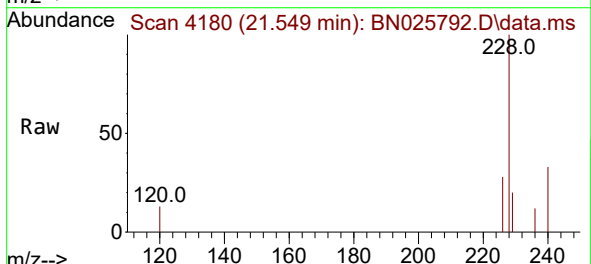
Tgt Ion:228 Resp: 7821

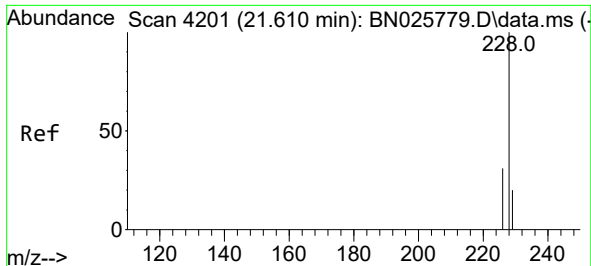
Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

226 28.2 22.0 33.0





#22

Chrysene

Concen: 0.141 ng/ul

RT: 21.605 min Scan# 4199

Delta R.T. -0.003 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

Instrument :

BNA_N

ClientSampleId :

H0FN8MSD

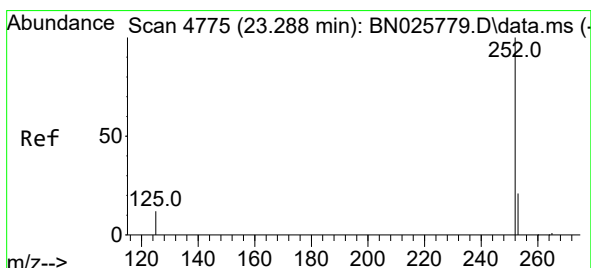
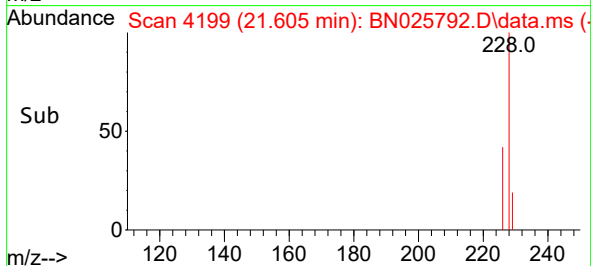
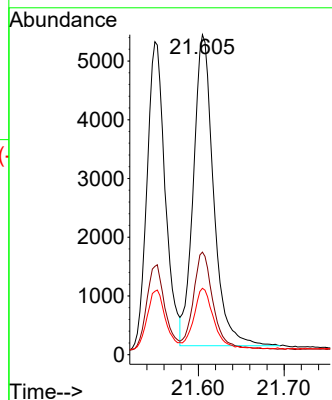
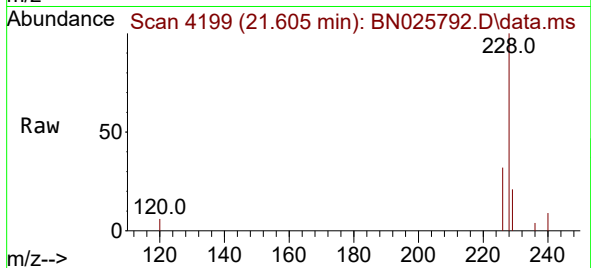
Tgt Ion:228 Resp: 8628

Ion Ratio Lower Upper

228 100

226 32.1 24.7 37.1

229 20.8 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.133 ng/ul

RT: 23.288 min Scan# 4775

Delta R.T. -0.003 min

Lab File: BN025792.D

Acq: 12 Jun 2023 21:24

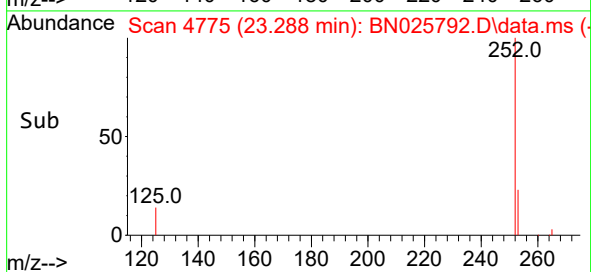
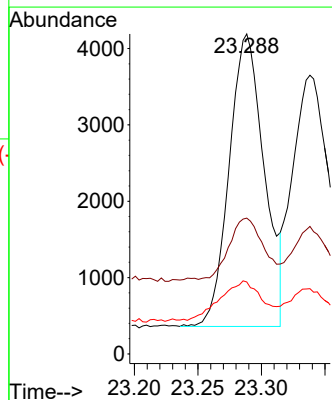
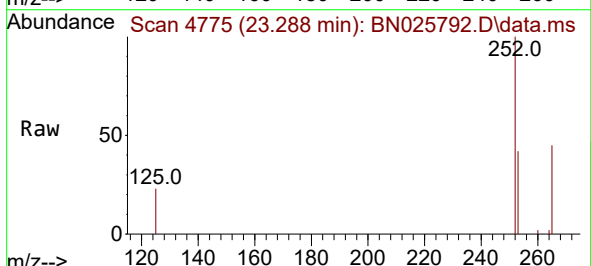
Tgt Ion:252 Resp: 7348

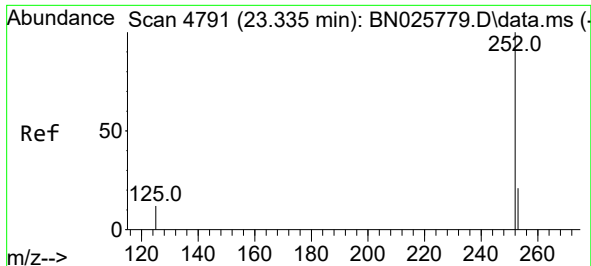
Ion Ratio Lower Upper

252 100

253 42.4 0.0 56.0

125 22.5 0.0 28.0

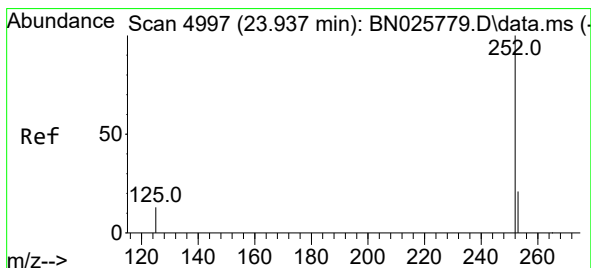
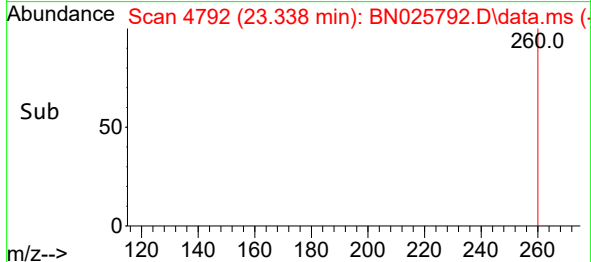
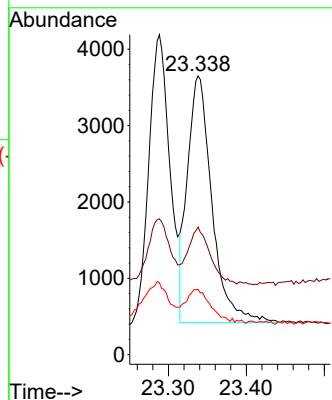
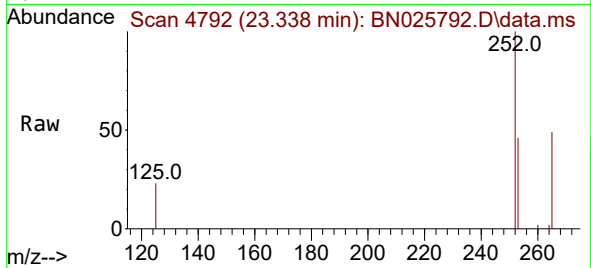




#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul
RT: 23.338 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

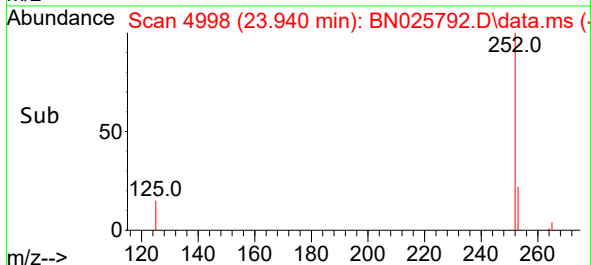
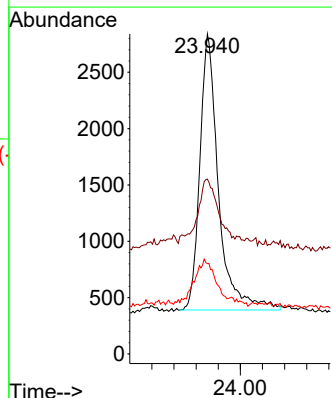
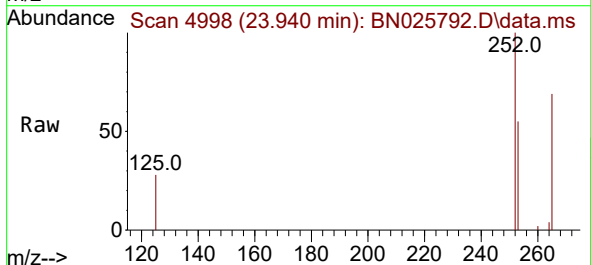
Instrument :
BNA_N
ClientSampleId :
H0FN8MSD

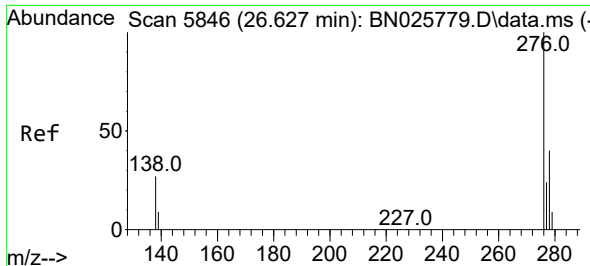
Tgt Ion:252 Resp: 7079
Ion Ratio Lower Upper
252 100
253 45.7 23.3 34.9#
125 23.4 11.6 17.4#



#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.940 min Scan# 4998
Delta R.T. -0.003 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

Tgt Ion:252 Resp: 5716
Ion Ratio Lower Upper
252 100
253 54.6 25.8 38.8#
125 28.3 13.5 20.3#

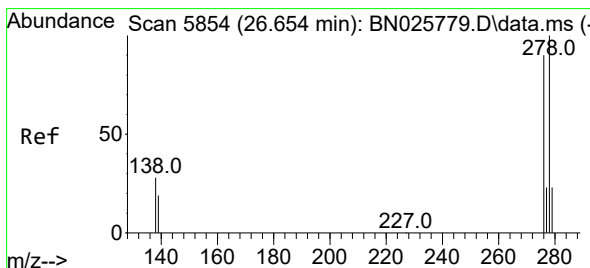
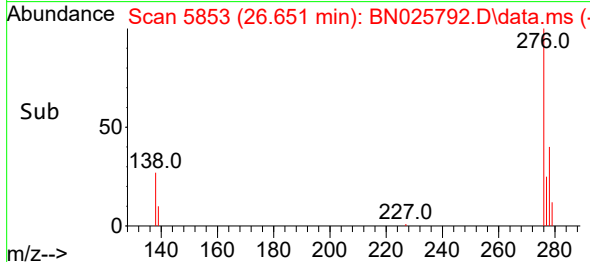
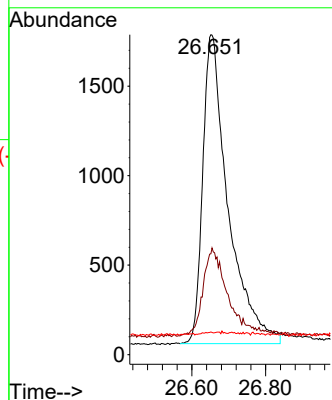
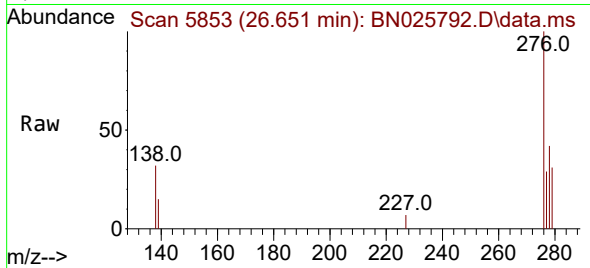




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 26.651 min Scan# 5853
Delta R.T. -0.007 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

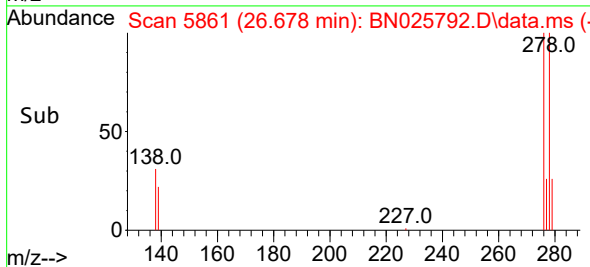
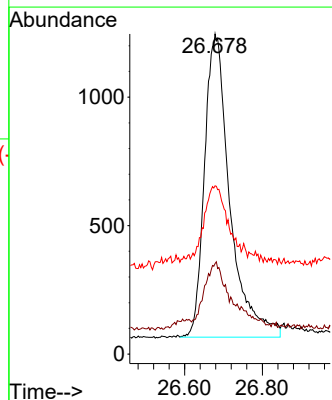
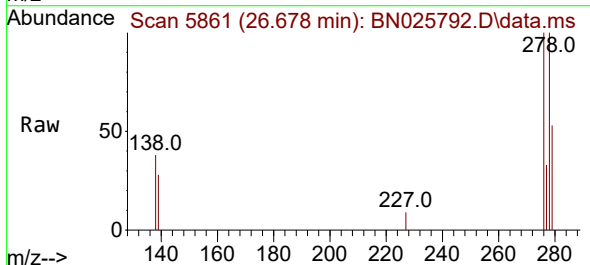
Instrument :
BNA_N
ClientSampleId :
H0FN8MSD

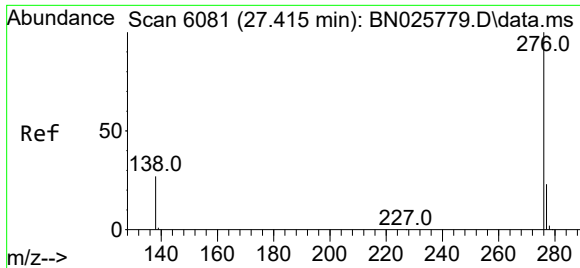
Tgt Ion:276 Resp: 8243
Ion Ratio Lower Upper
276 100
138 28.2 24.6 36.8
227 0.3 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.133 ng/ul
RT: 26.678 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BN025792.D
Acq: 12 Jun 2023 21:24

Tgt Ion:278 Resp: 5348
Ion Ratio Lower Upper
278 100
139 28.3 17.9 26.9#
279 52.6 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.131 ng/ul
 RT: 27.446 min Scan# 6090
 Delta R.T. -0.003 min
 Lab File: BN025792.D
 Acq: 12 Jun 2023 21:24

Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MSD

Tgt Ion:	276	Resp:	6253
Ion Ratio	Lower	Upper	
276	100		
138	31.6	21.8	32.8
277	28.6	19.4	29.2

