

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025791.D
 Acq On : 12 Jun 2023 20:48
 Operator : MA/JU
 Sample : 02960-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MS

Quant Time: Jun 13 00:03:57 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

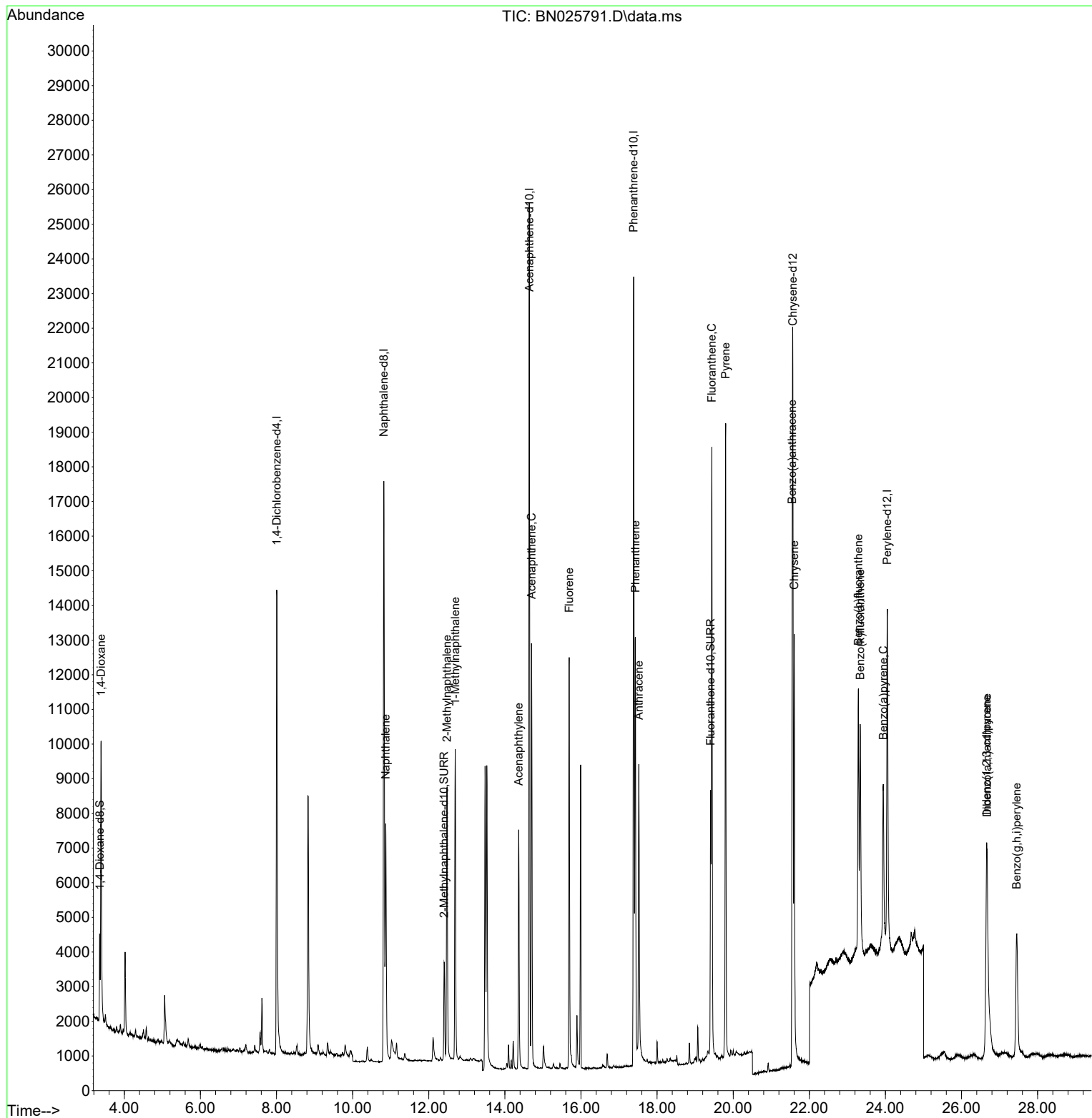
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8270	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	24664	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	14019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	28330	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	17723	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	14495	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1719	0.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	4183	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	8607	0.154	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	6142	0.706	ng/ul	96
5) Naphthalene	10.869	128	10064	0.160	ng/ul	98
7) 2-Methylnaphthalene	12.480	142	6304	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.695	142	6528	0.157	ng/ul	99
10) Acenaphthylene	14.363	152	8990	0.162	ng/ul	98
11) Acenaphthene	14.700	153	7511	0.162	ng/ul	99
12) Fluorene	15.691	166	8332	0.162	ng/ul	100
15) Phenanthrene	17.428	178	14112	0.171	ng/ul	99
16) Anthracene	17.521	178	11355	0.163	ng/ul	99
19) Fluoranthene	19.439	202	15651	0.193	ng/ul	99
20) Pyrene	19.801	202	15997	0.191	ng/ul	99
21) Benzo(a)anthracene	21.550	228	11133	0.197	ng/ul	99
22) Chrysene	21.603	228	11869	0.184	ng/ul	99
24) Benzo(b)fluoranthene	23.286	252	10427	0.176	ng/ul	83
25) Benzo(k)fluoranthene	23.336	252	10353	0.174	ng/ul#	81
26) Benzo(a)pyrene	23.944	252	8311	0.165	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.656	276	11278	0.197	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.676	278	7380	0.170	ng/ul#	86
29) Benzo(g,h,i)perylene	27.450	276	8438	0.164	ng/ul	94

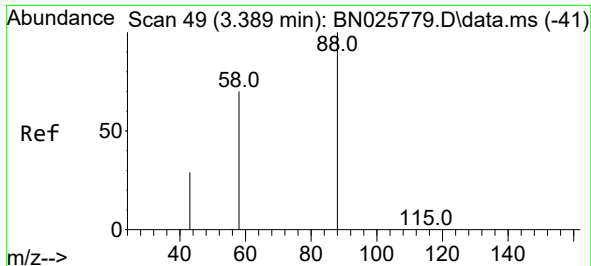
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 10 02:01:49 2023
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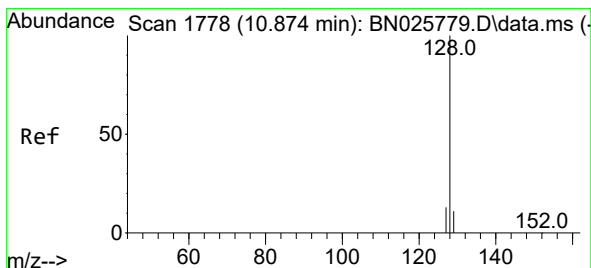
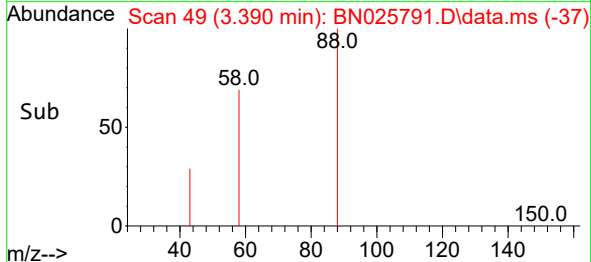
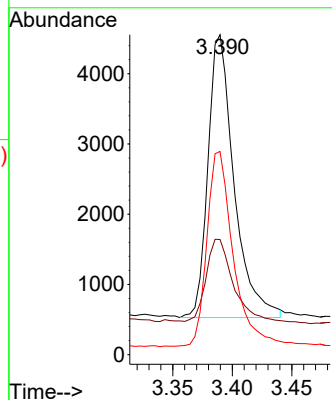
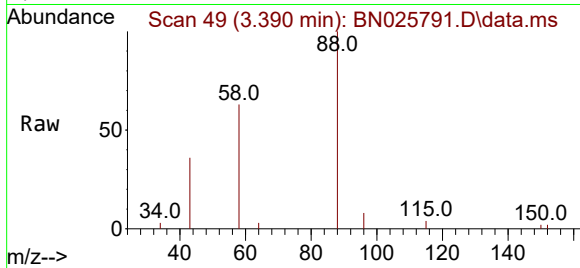




#2
1,4-Dioxane
Concen: 0.706 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

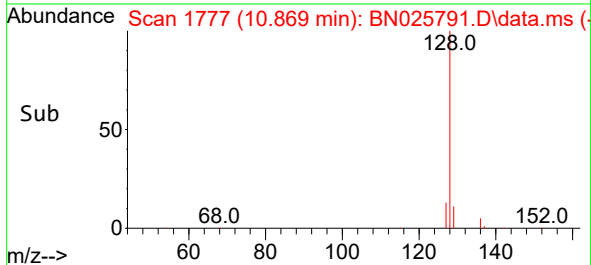
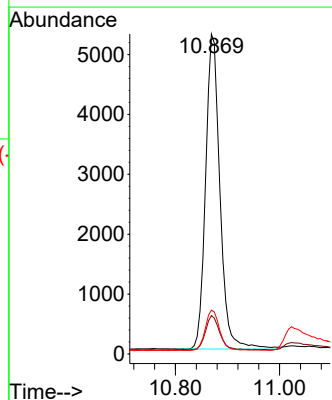
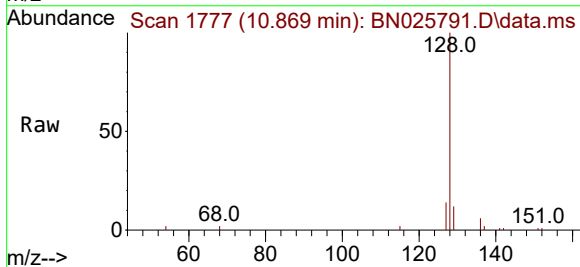
Instrument :
BNA_N
ClientSampleId :
H0FN8MS

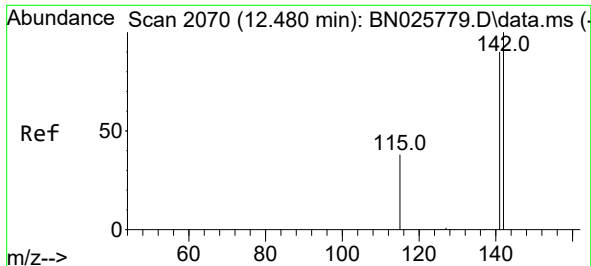
Tgt Ion: 88 Resp: 6142
Ion Ratio Lower Upper
88 100
43 36.0 26.5 39.7
58 63.5 49.0 73.6



#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

Tgt Ion: 128 Resp: 10064
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 10.5 15.7

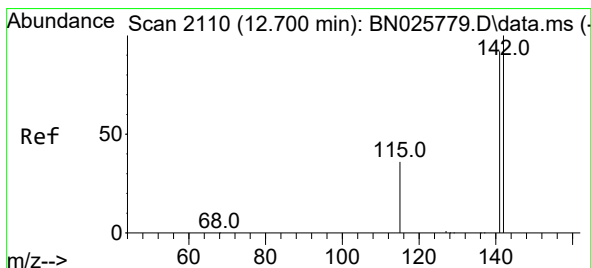
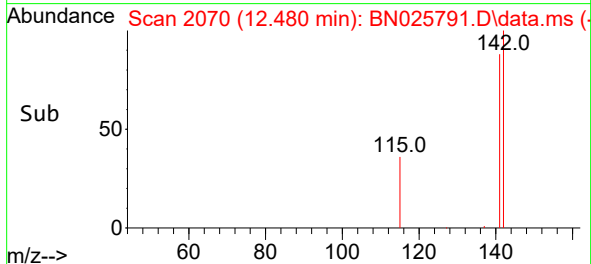
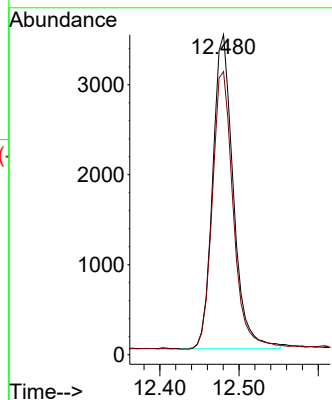
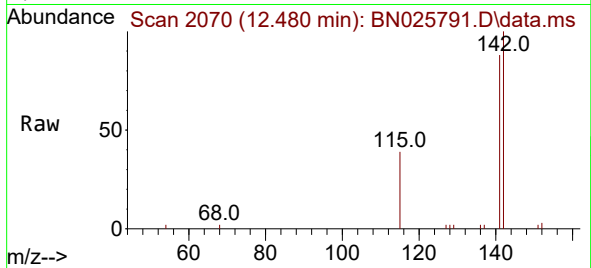




#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.480 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

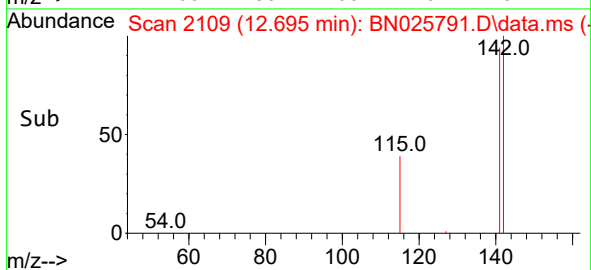
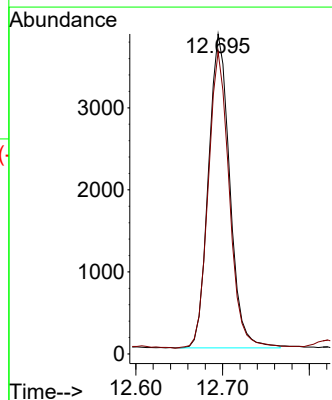
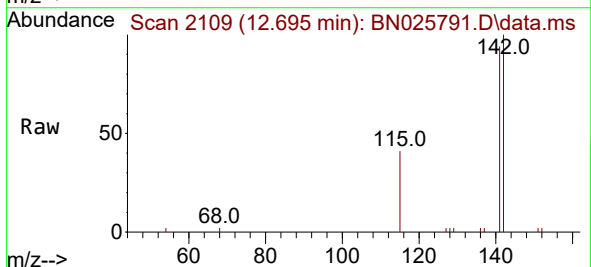
Instrument :
BNA_N
ClientSampleId :
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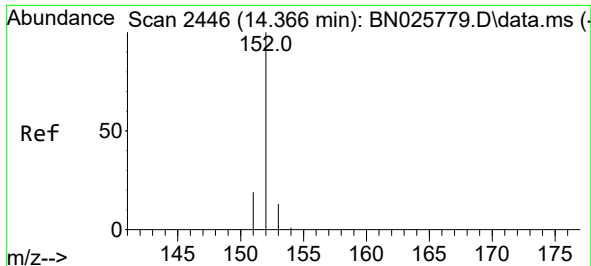
Tgt Ion:142 Resp: 6304
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

Tgt Ion:142 Resp: 6528
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0

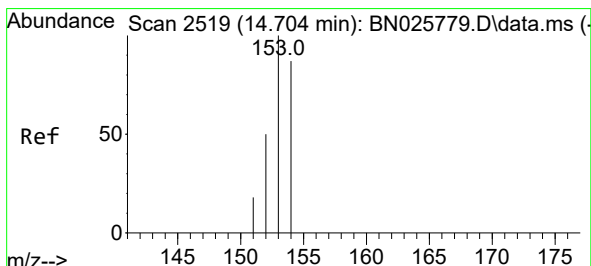
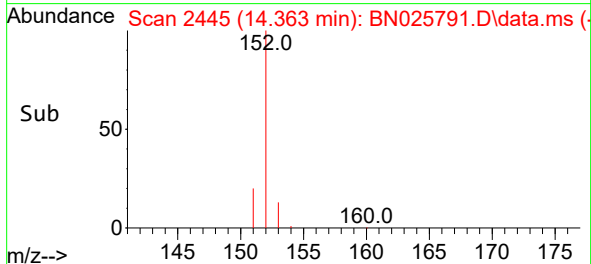
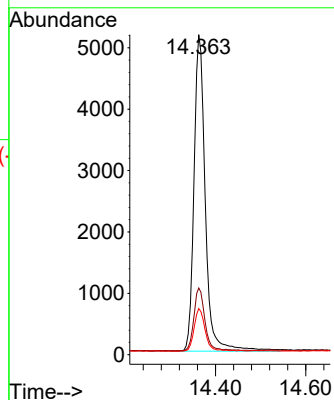
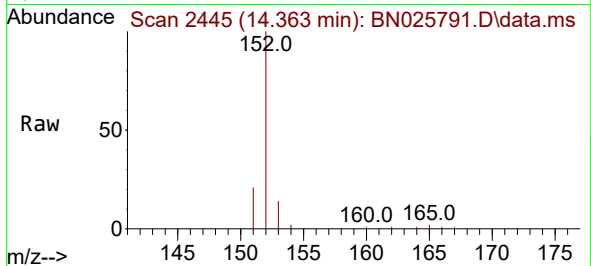




#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.363 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

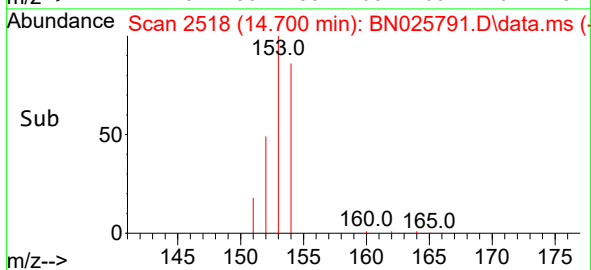
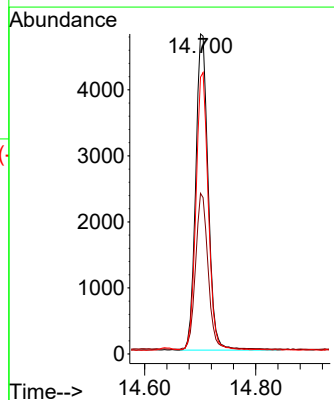
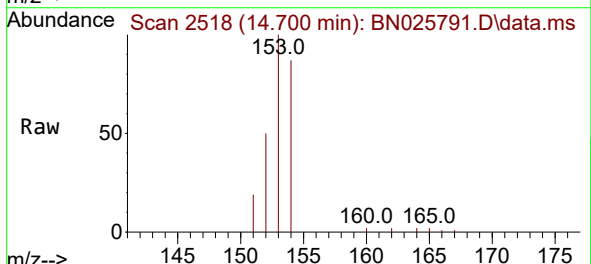
Instrument :
BNA_N
ClientSampleId :
H0FN8MS

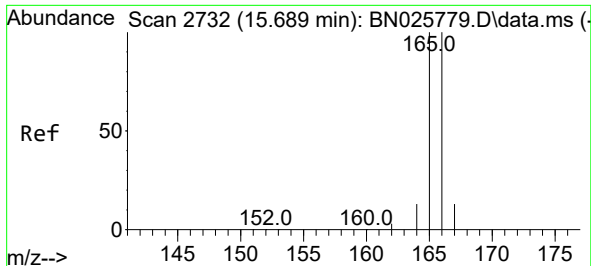
Tgt Ion:152 Resp: 8990
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 14.4 10.7 16.1



#11
Acenaphthene
Concen: 0.162 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

Tgt Ion:153 Resp: 7511
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 86.5 68.8 103.2

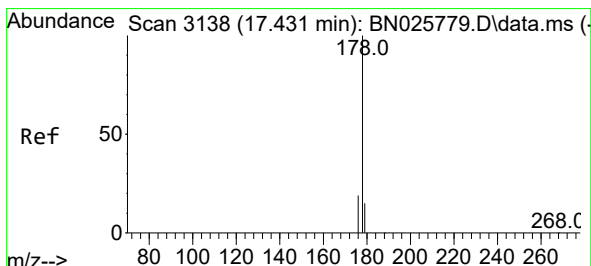
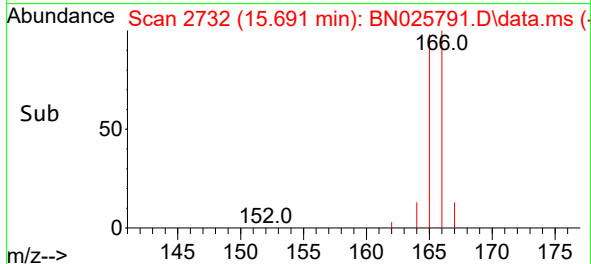
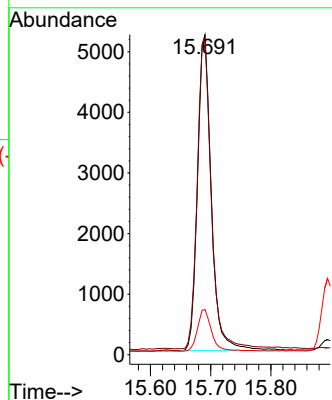
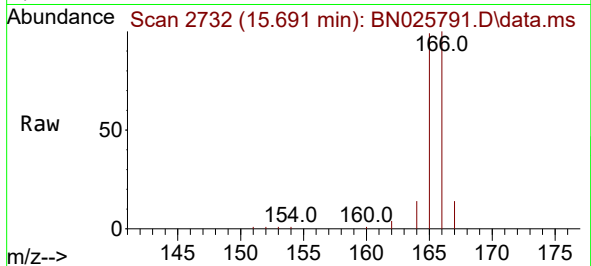




#12
Fluorene
Concen: 0.162 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

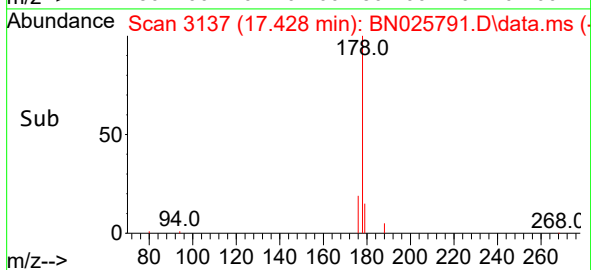
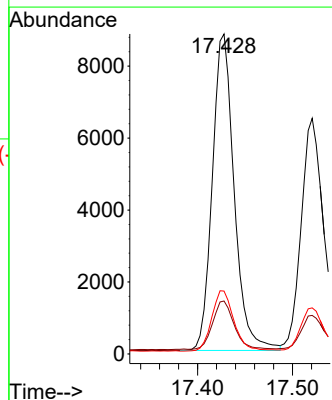
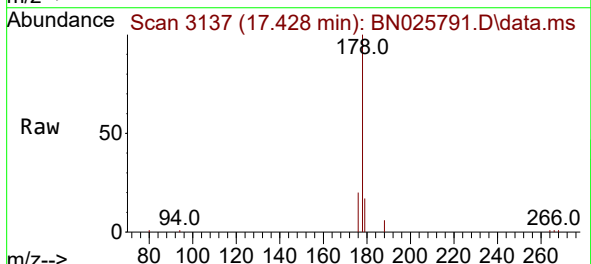
Instrument :
BNA_N
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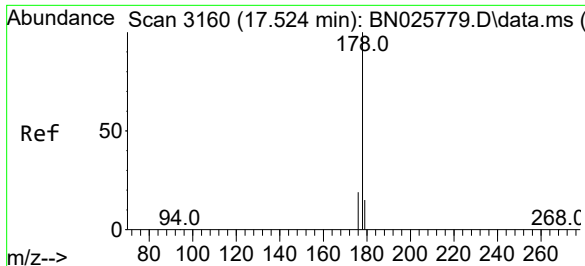
Tgt Ion:166 Resp: 8332
Ion Ratio Lower Upper
166 100
165 98.9 79.2 118.8
167 14.1 11.0 16.6



#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.428 min Scan# 3137
Delta R.T. -0.003 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

Tgt Ion:178 Resp: 14112
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.6 15.8 23.8

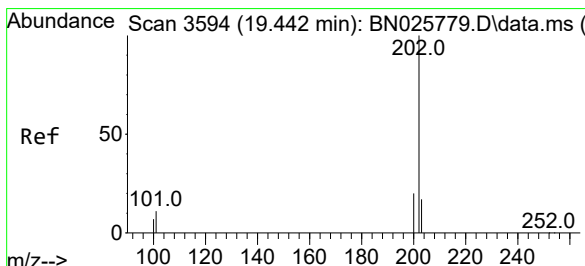
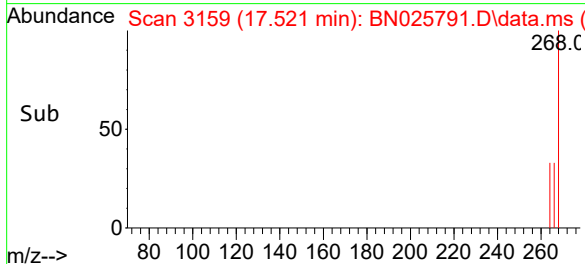
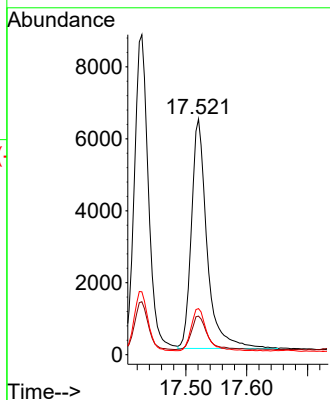
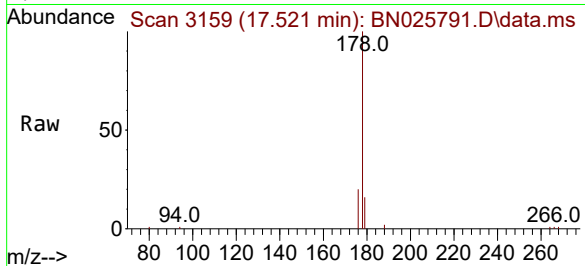




#16
 Anthracene
 Concen: 0.163 ng/ul
 RT: 17.521 min Scan# 3160
 Delta R.T. -0.003 min
 Lab File: BN025791.D
 Acq: 12 Jun 2023 20:48

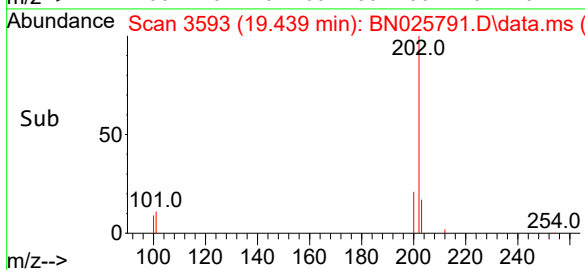
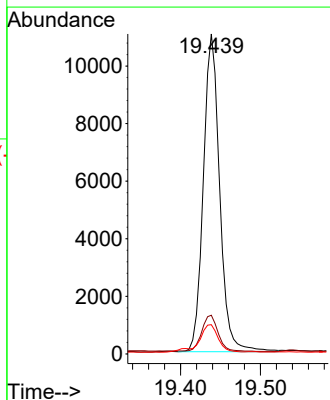
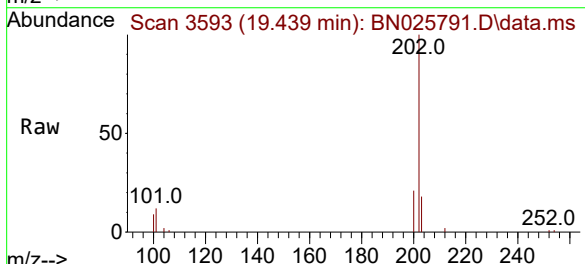
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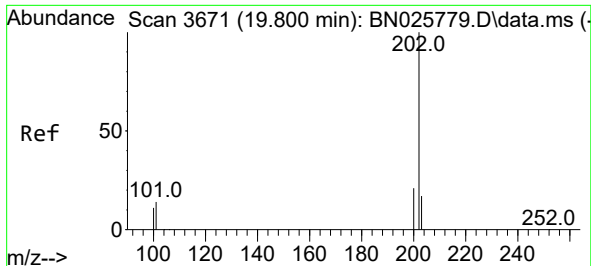
Tgt Ion:178 Resp: 11355
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.6 19.0
 176 19.6 15.4 23.2



#19
 Fluoranthene
 Concen: 0.193 ng/ul
 RT: 19.439 min Scan# 3593
 Delta R.T. -0.003 min
 Lab File: BN025791.D
 Acq: 12 Jun 2023 20:48

Tgt Ion:202 Resp: 15651
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.1 13.7
 100 9.2 7.0 10.6

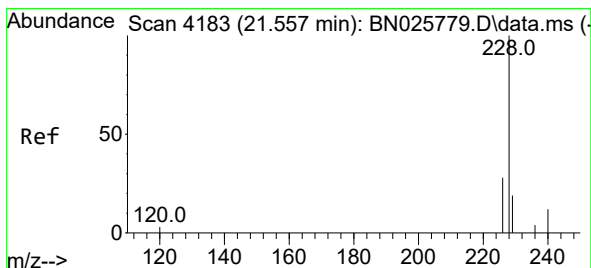
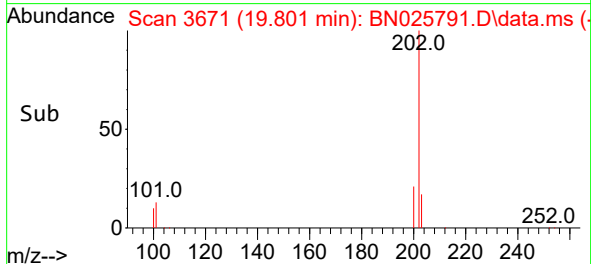
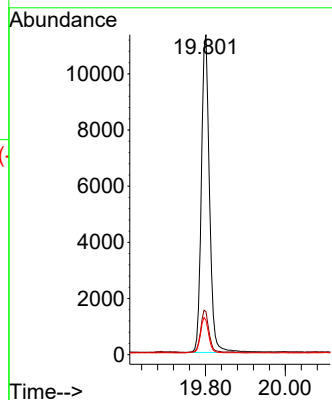
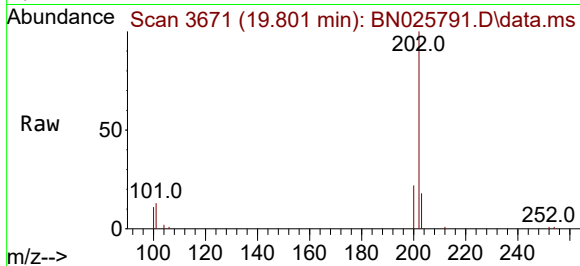




#20
Pyrene
Concen: 0.191 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

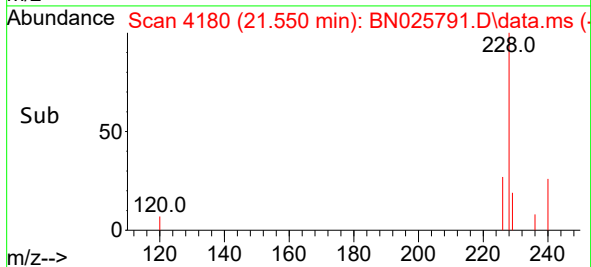
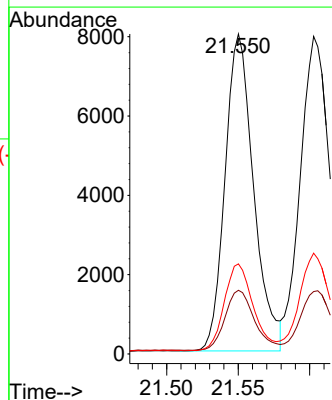
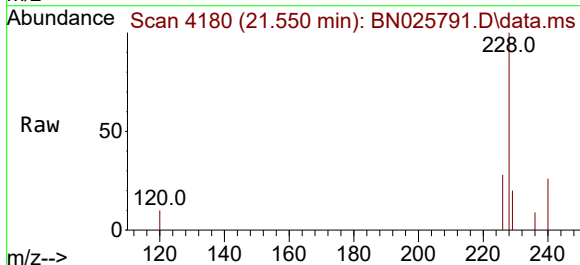
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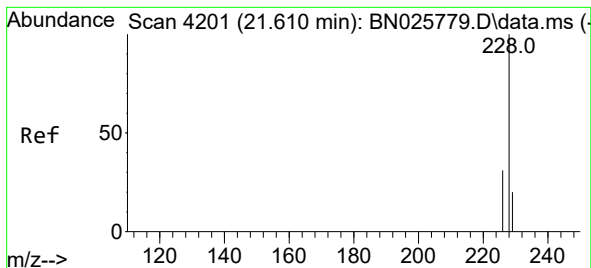
Tgt Ion:202 Resp: 15997
Ion Ratio Lower Upper
202 100
101 13.5 10.4 15.6
100 10.7 8.8 13.2



#21
Benzo(a)anthracene
Concen: 0.197 ng/ul
RT: 21.550 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BN025791.D
Acq: 12 Jun 2023 20:48

Tgt Ion:228 Resp: 11133
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.2 22.0 33.0





#22

Chrysene

Concen: 0.184 ng/ul

RT: 21.603 min Scan# 4198

Delta R.T. -0.005 min

Lab File: BN025791.D

Acq: 12 Jun 2023 20:48

Instrument :

BNA_N

ClientSampleId :

H0FN8MS

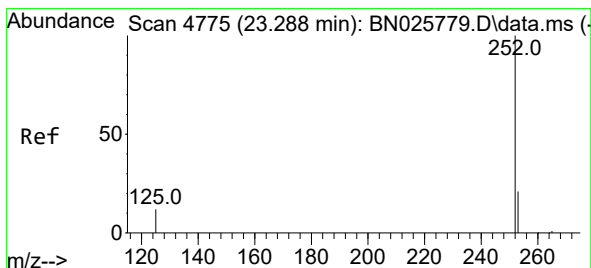
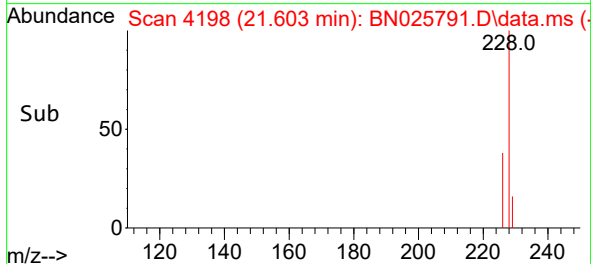
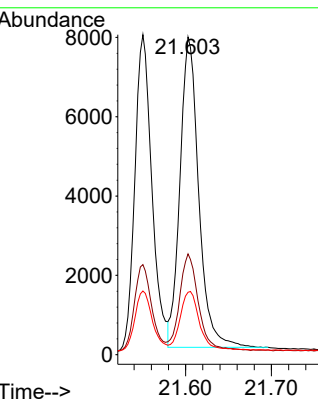
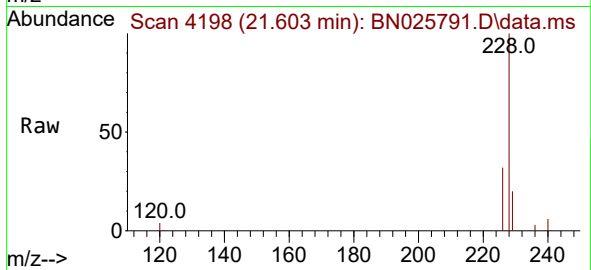
Tgt Ion:228 Resp: 11869

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 19.6 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.176 ng/ul

RT: 23.286 min Scan# 4774

Delta R.T. -0.005 min

Lab File: BN025791.D

Acq: 12 Jun 2023 20:48

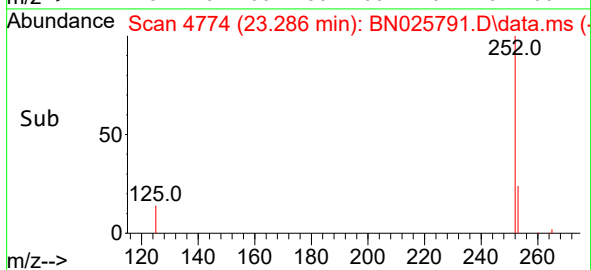
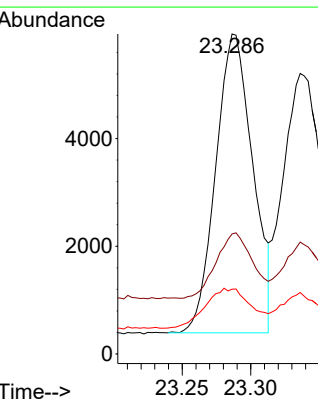
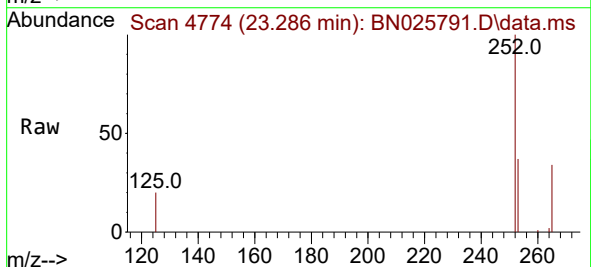
Tgt Ion:252 Resp: 10427

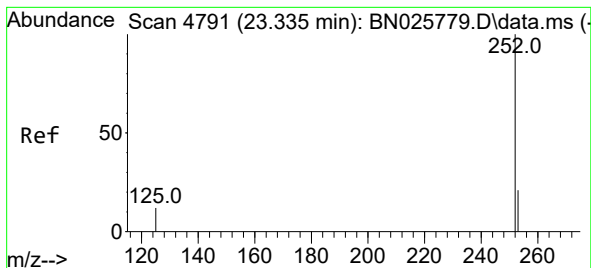
Ion Ratio Lower Upper

252 100

253 37.5 0.0 56.0

125 20.2 0.0 28.0





#25

Benzo(k)fluoranthene

Concen: 0.174 ng/ul

RT: 23.336 min Scan# 41

Delta R.T. -0.005 min

Lab File: BN025791.D

Acq: 12 Jun 2023 20:48

Instrument :

BNA_N

ClientSampleId :

H0FN8MS

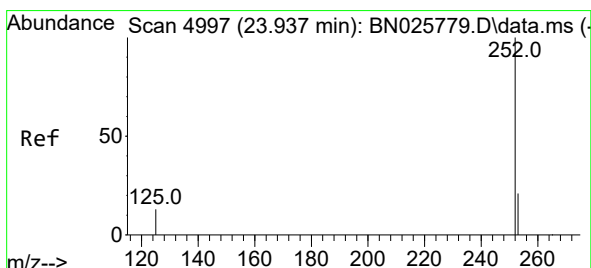
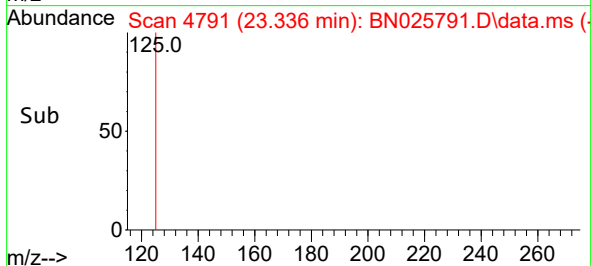
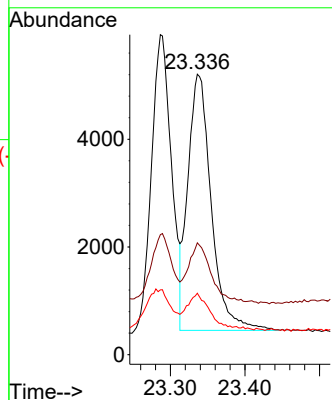
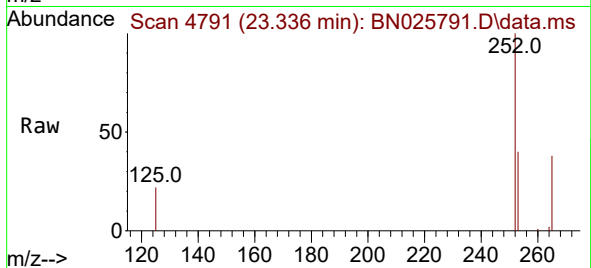
Tgt Ion:252 Resp: 10353

Ion Ratio Lower Upper

252 100

253 39.9 23.3 34.9#

125 21.9 11.6 17.4#



#26

Benzo(a)pyrene

Concen: 0.165 ng/ul

RT: 23.944 min Scan# 4999

Delta R.T. 0.001 min

Lab File: BN025791.D

Acq: 12 Jun 2023 20:48

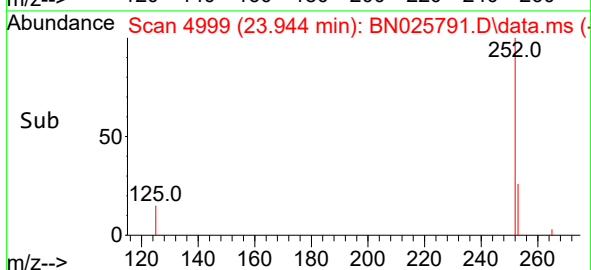
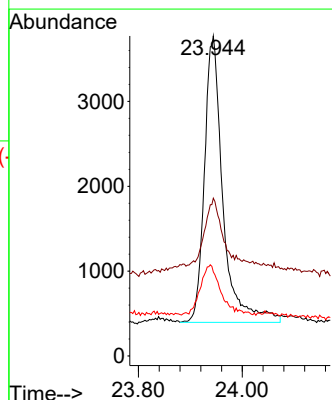
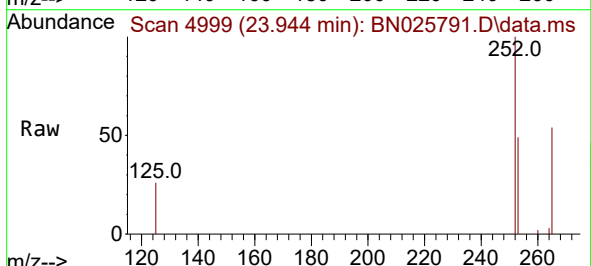
Tgt Ion:252 Resp: 8311

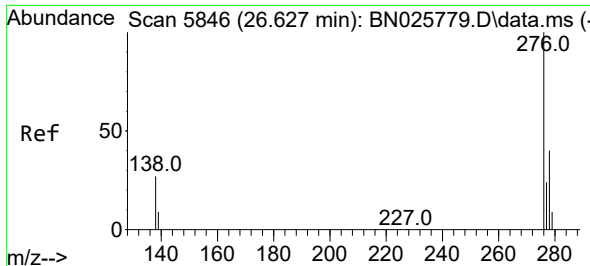
Ion Ratio Lower Upper

252 100

253 49.3 25.8 38.8#

125 26.3 13.5 20.3#

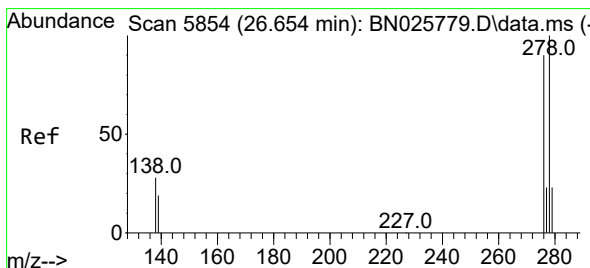
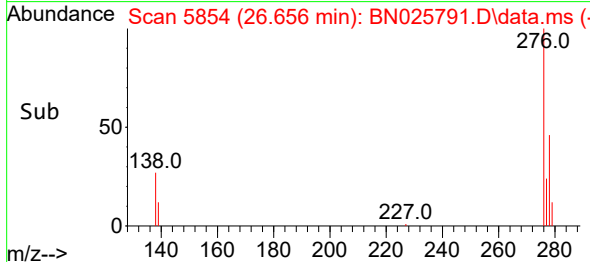
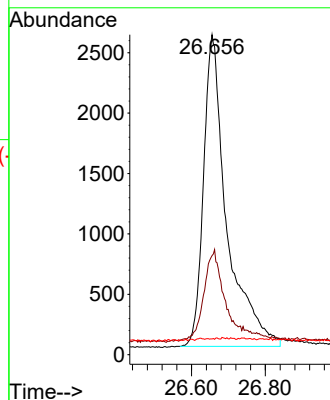
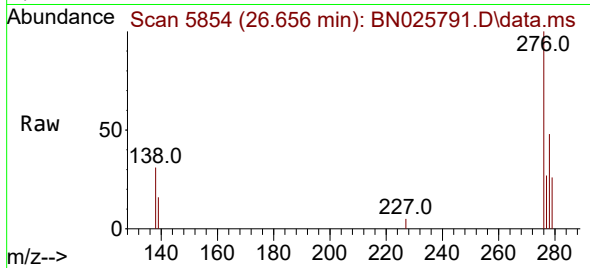




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.197 ng/ul
 RT: 26.656 min Scan# 5854
 Delta R.T. -0.002 min
 Lab File: BN025791.D
 Acq: 12 Jun 2023 20:48

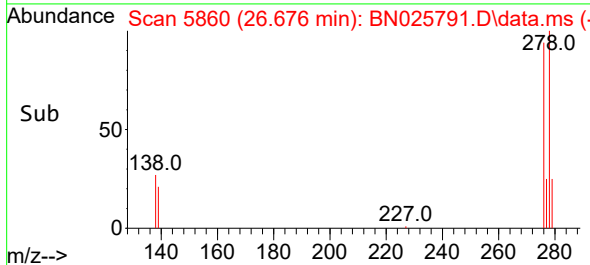
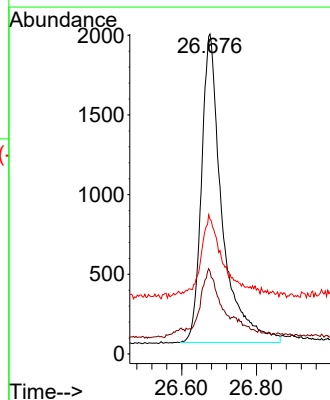
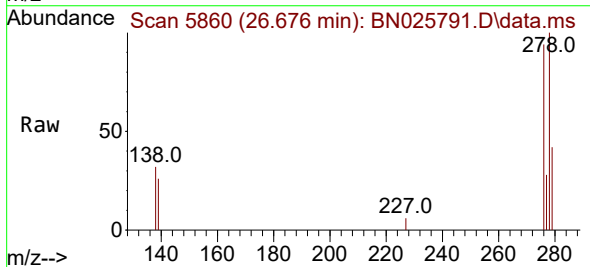
Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MS

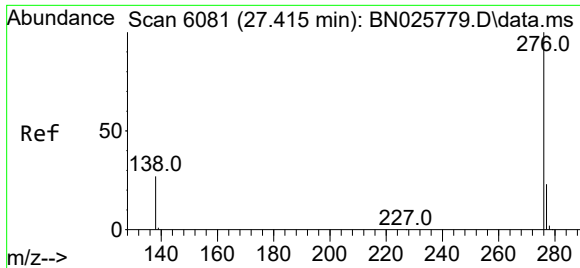
Tgt Ion:276 Resp: 11278
 Ion Ratio Lower Upper
 276 100
 138 28.3 24.6 36.8
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.170 ng/ul
 RT: 26.676 min Scan# 5860
 Delta R.T. -0.009 min
 Lab File: BN025791.D
 Acq: 12 Jun 2023 20:48

Tgt Ion:278 Resp: 7380
 Ion Ratio Lower Upper
 278 100
 139 25.8 17.9 26.9
 279 42.2 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.164 ng/ul
 RT: 27.450 min Scan# 6091
 Delta R.T. 0.001 min
 Lab File: BN025791.D
 Acq: 12 Jun 2023 20:48

Instrument :
 BNA_N
 ClientSampleId :
 H0FN8MS

Tgt Ion:	276	Resp:	8438
Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	27.9	19.4	29.2

