

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025796.D
 Acq On : 13 Jun 2023 08:45
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4302

Quant Time: Jun 13 23:15:36 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)

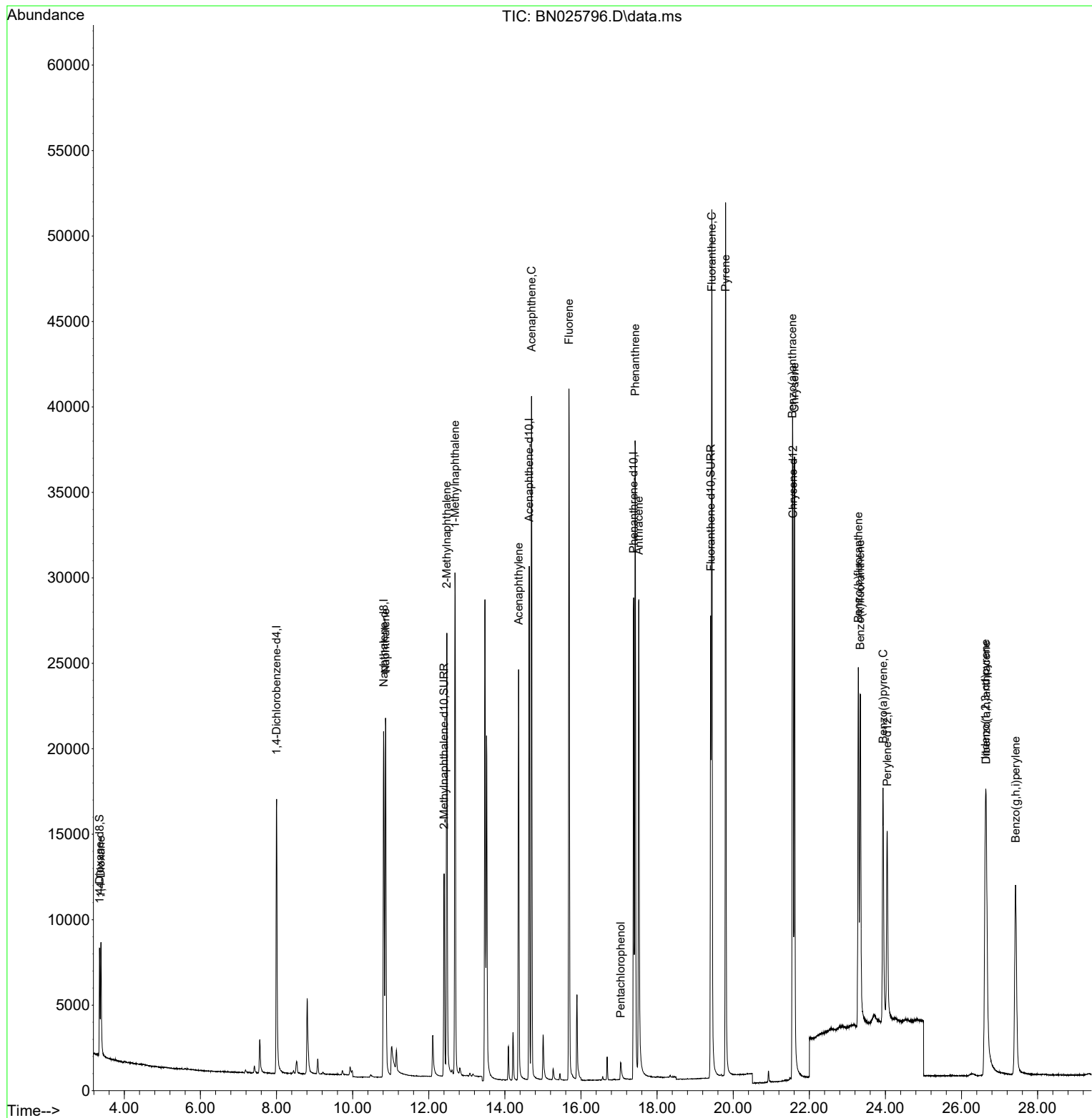
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	10014	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	29661	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	16787	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	34310	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	21299	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	17462	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4432	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	16547	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	31393	0.467	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	4735	0.449	ng/ul	98
5) Naphthalene	10.864	128	31886	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	20027	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	21381	0.428	ng/ul	100
10) Acenaphthylene	14.362	152	29332	0.442	ng/ul	99
11) Acenaphthene	14.700	153	24025	0.434	ng/ul	99
12) Fluorene	15.685	166	27229	0.441	ng/ul	100
14) Pentachlorophenol	17.043	266	1141	0.309	ng/ul	95
15) Phenanthrene	17.423	178	43007	0.430	ng/ul	100
16) Anthracene	17.520	178	37130	0.439	ng/ul	100
19) Fluoranthene	19.438	202	45469	0.467	ng/ul	99
20) Pyrene	19.800	202	46265	0.459	ng/ul	100
21) Benzo(a)anthracene	21.555	228	33920	0.499	ng/ul	100
22) Chrysene	21.611	228	35153	0.453	ng/ul	100
24) Benzo(b)fluoranthene	23.288	252	30013	0.420	ng/ul	99
25) Benzo(k)fluoranthene	23.341	252	30434	0.425	ng/ul	98
26) Benzo(a)pyrene	23.937	252	25182	0.416	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.628	276	30341	0.440	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.648	278	23623	0.452	ng/ul	97
29) Benzo(g,h,i)perylene	27.423	276	26815	0.433	ng/ul	100

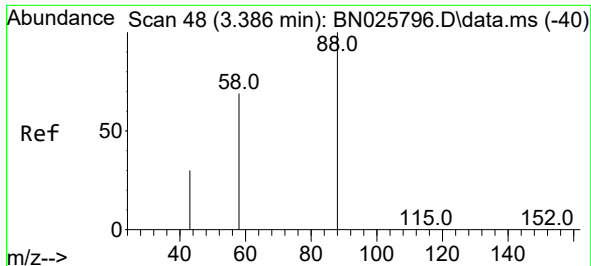
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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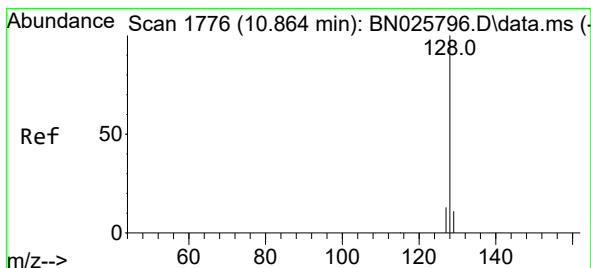
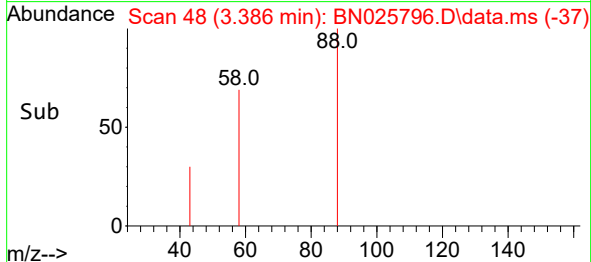
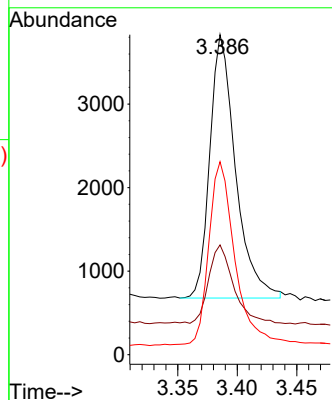
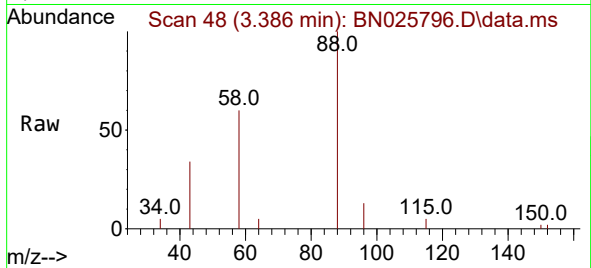




#2
 1,4-Dioxane
 Concen: 0.449 ng/ul
 RT: 3.386 min Scan# 48
 Delta R.T. -0.005 min
 Lab File: BN025796.D
 Acq: 13 Jun 2023 08:45

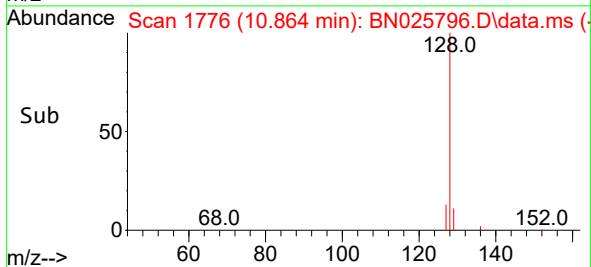
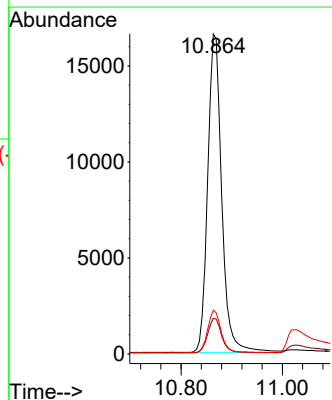
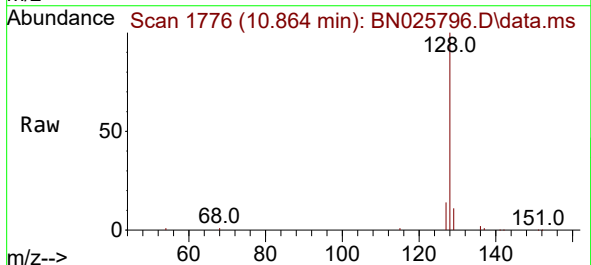
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4302

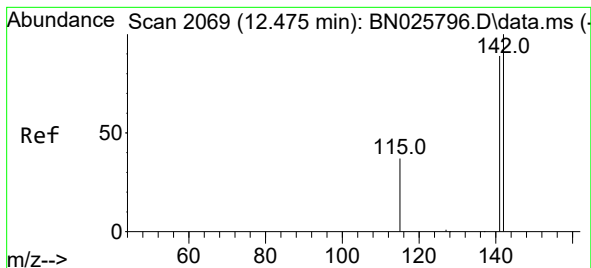
Tgt Ion: 88 Resp: 4735
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.5 39.7
 58 60.3 49.0 73.6



#5
 Naphthalene
 Concen: 0.423 ng/ul
 RT: 10.864 min Scan# 1776
 Delta R.T. -0.011 min
 Lab File: BN025796.D
 Acq: 13 Jun 2023 08:45

Tgt Ion: 128 Resp: 31886
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.1 13.7
 127 13.7 10.5 15.7

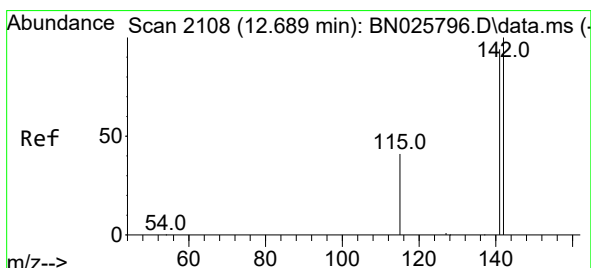
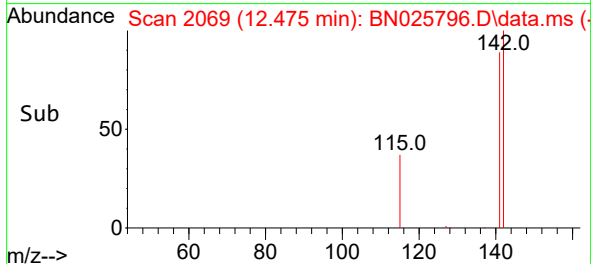
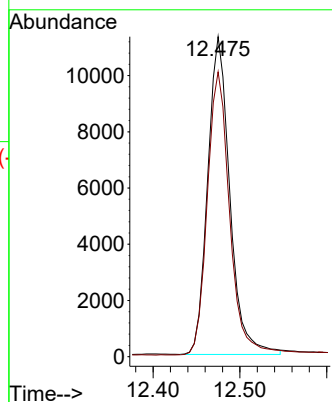
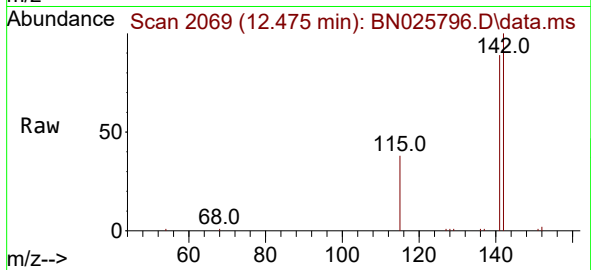




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

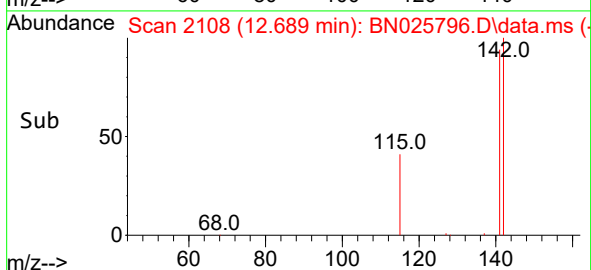
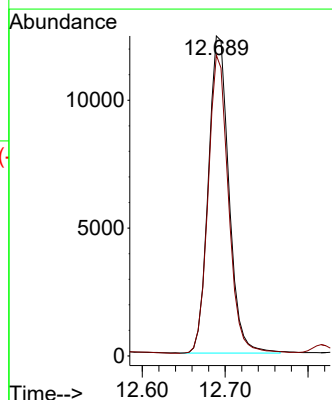
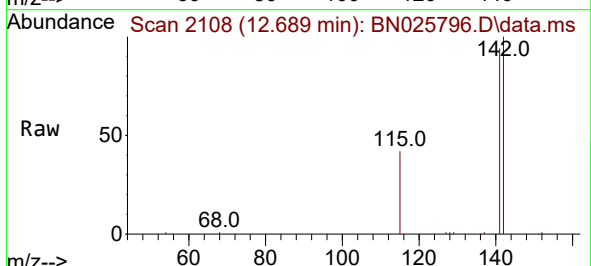
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

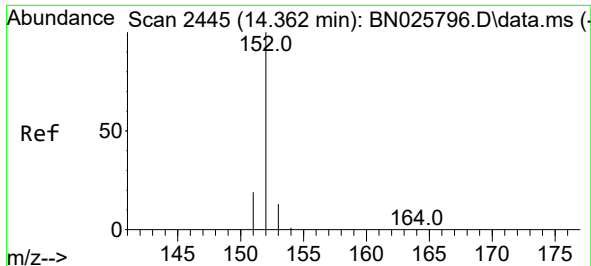
Tgt Ion:142 Resp: 20027
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:142 Resp: 21381
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

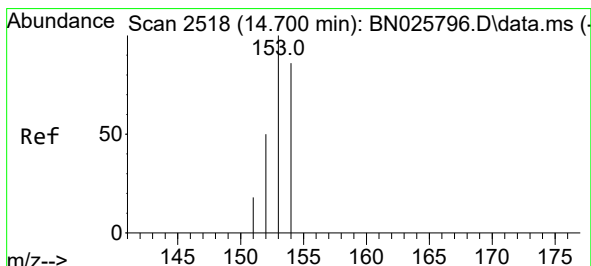
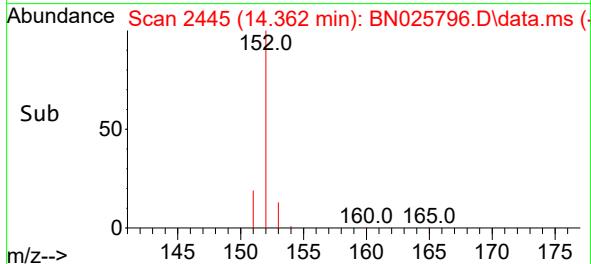
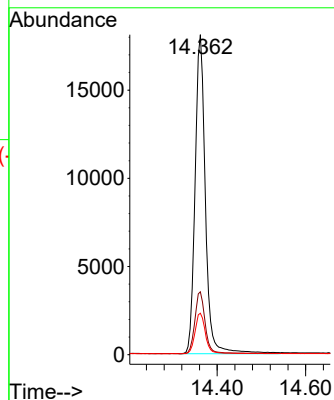
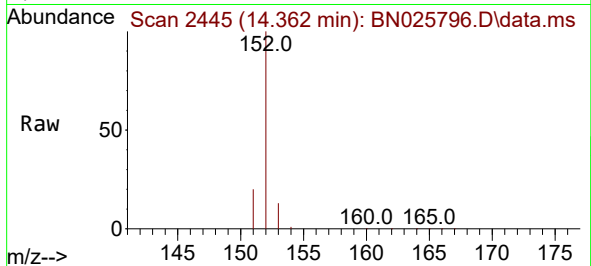




#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

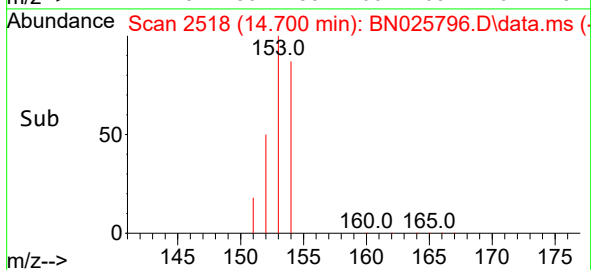
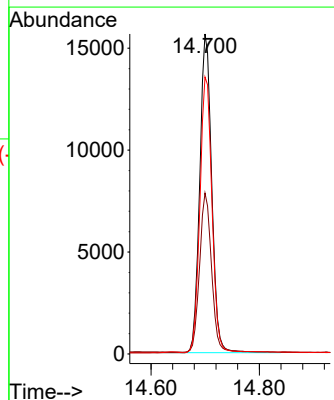
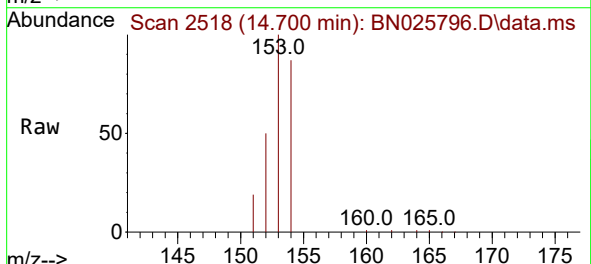
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

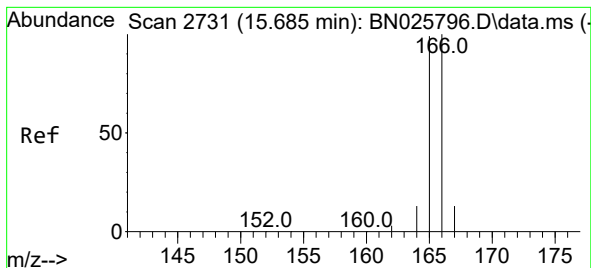
Tgt Ion:152 Resp: 29332
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:153 Resp: 24025
Ion Ratio Lower Upper
153 100
152 50.3 39.5 59.3
154 86.5 68.8 103.2





#12

Fluorene

Concen: 0.441 ng/ul

RT: 15.685 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302

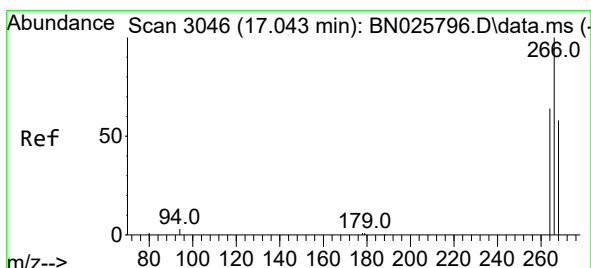
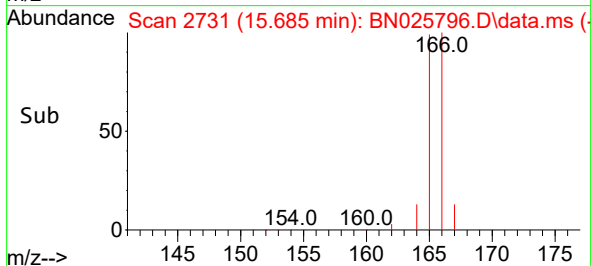
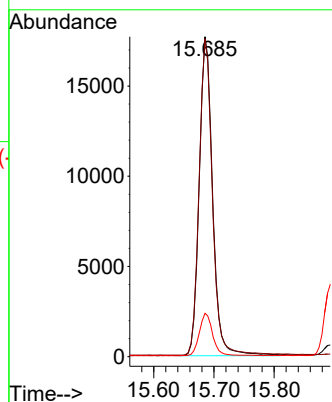
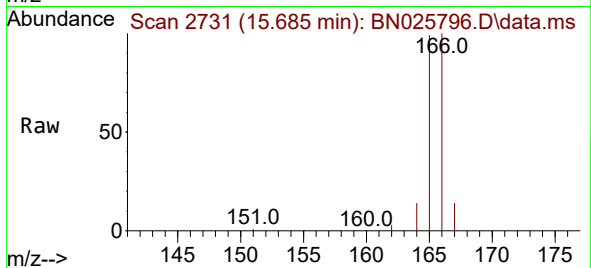
Tgt Ion:166 Resp: 27229

Ion Ratio Lower Upper

166 100

165 99.4 79.2 118.8

167 13.5 11.0 16.6



#14

Pentachlorophenol

Concen: 0.309 ng/ul

RT: 17.043 min Scan# 3046

Delta R.T. -0.013 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

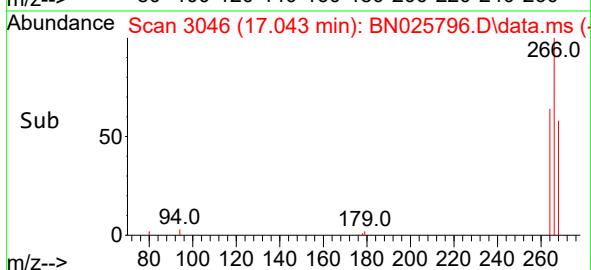
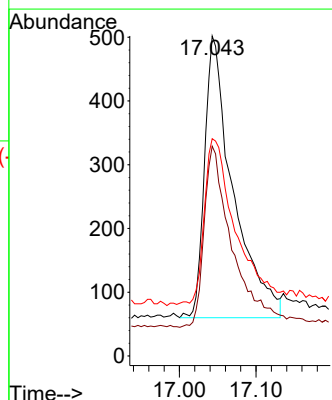
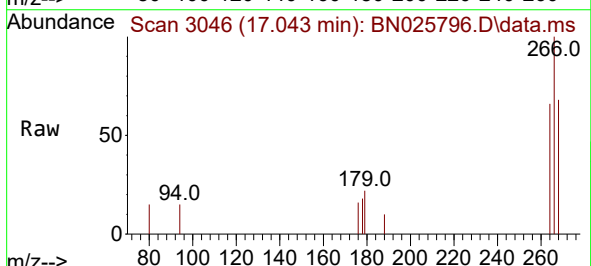
Tgt Ion:266 Resp: 1141

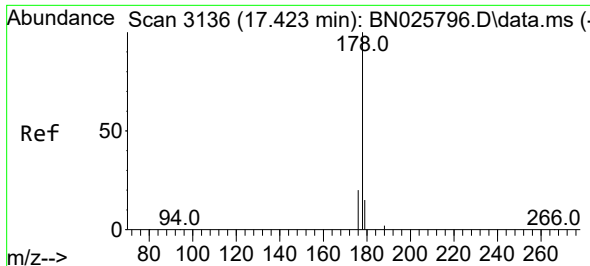
Ion Ratio Lower Upper

266 100

264 64.2 48.2 72.4

268 64.4 48.2 72.4

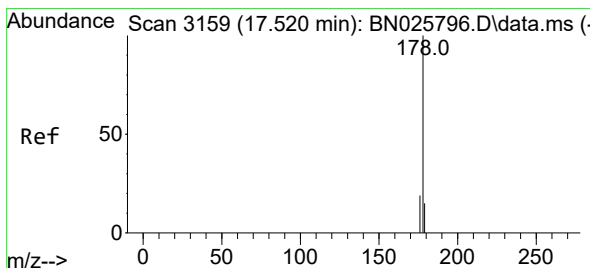
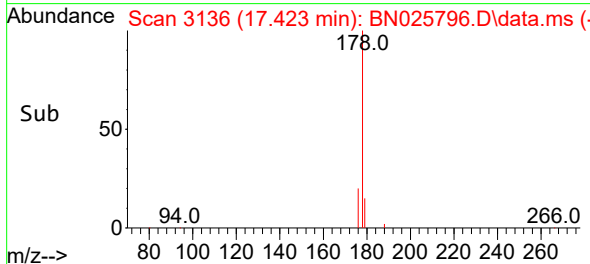
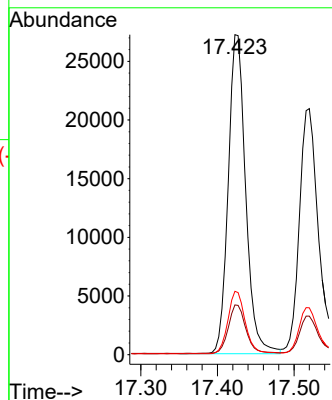
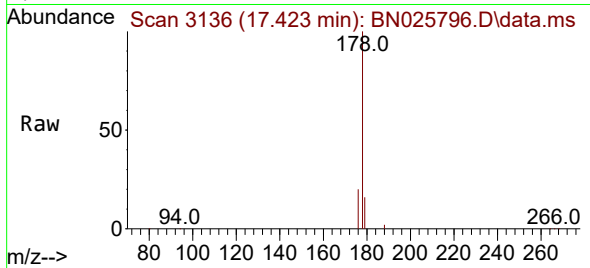




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

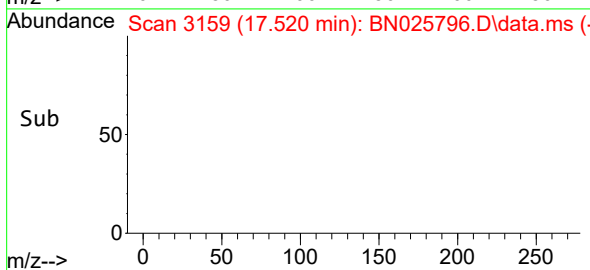
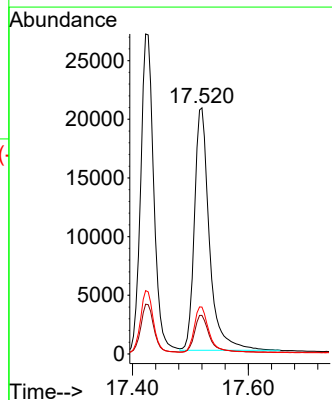
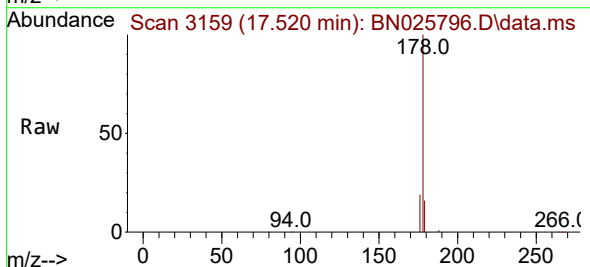
Instrument :
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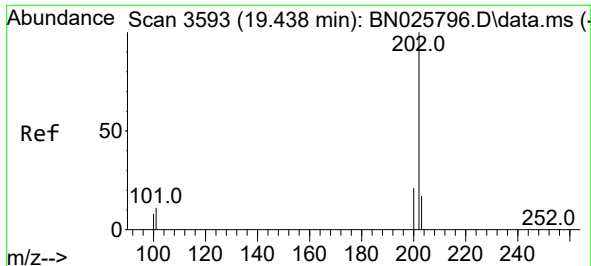
Tgt Ion:178 Resp: 43007
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.520 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:178 Resp: 37130
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.4 23.2

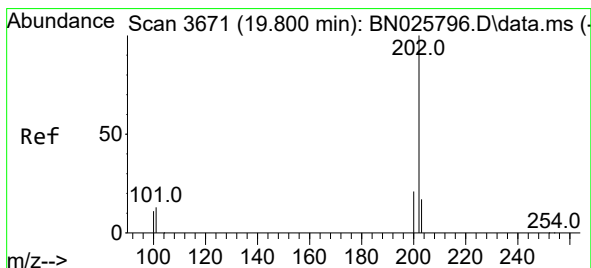
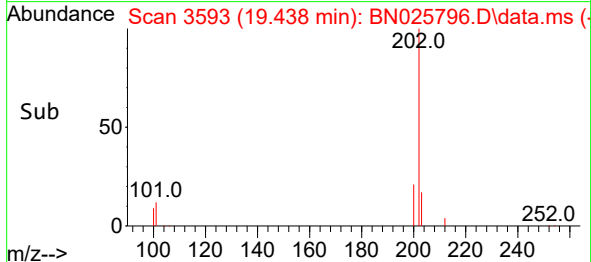
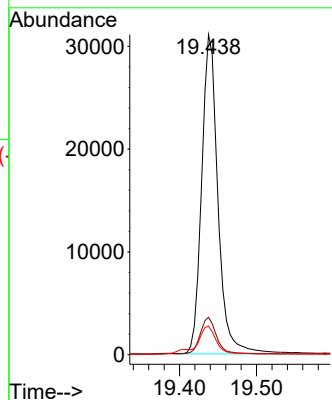
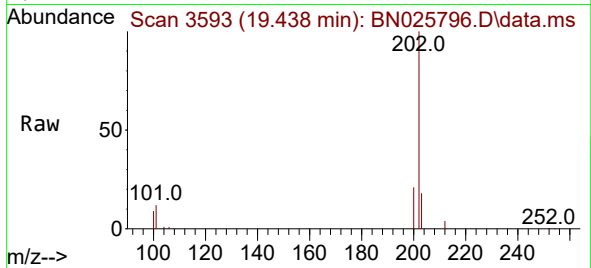




#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

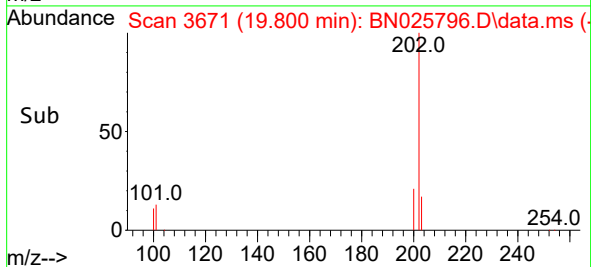
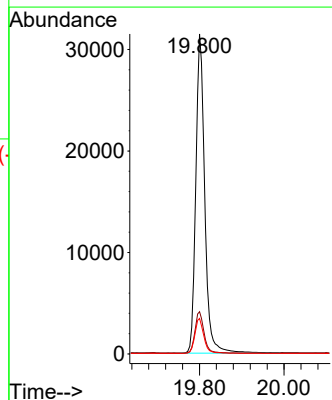
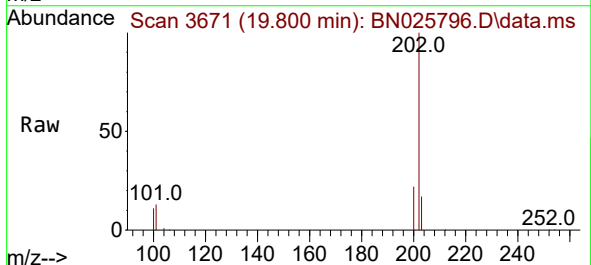
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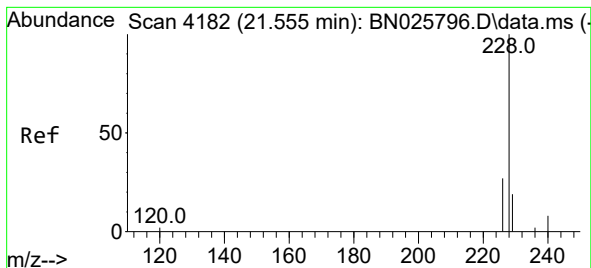
Tgt Ion:202 Resp: 45469
Ion Ratio Lower Upper
202 100
101 11.7 9.1 13.7
100 8.9 7.0 10.6



#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:202 Resp: 46265
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 11.1 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.499 ng/ul

RT: 21.555 min Scan# 4182

Delta R.T. 0.003 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302

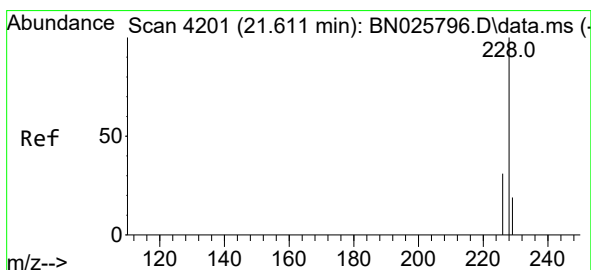
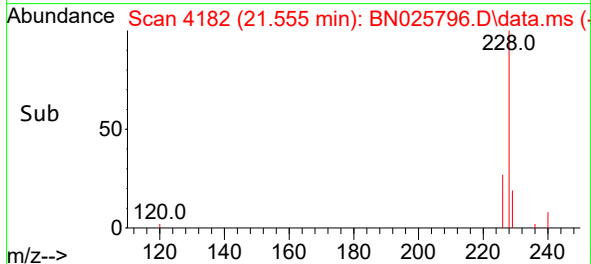
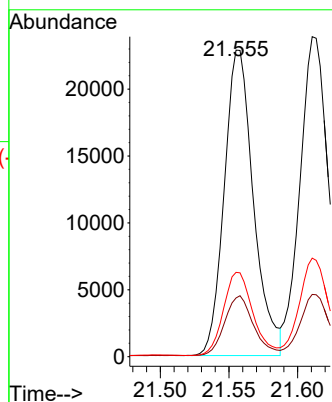
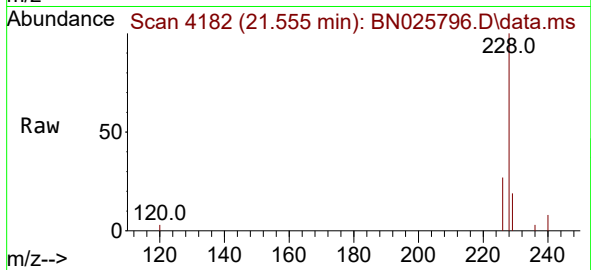
Tgt Ion:228 Resp: 33920

Ion Ratio Lower Upper

228 100

229 19.2 15.5 23.3

226 27.5 22.0 33.0



#22

Chrysene

Concen: 0.453 ng/ul

RT: 21.611 min Scan# 4201

Delta R.T. 0.003 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

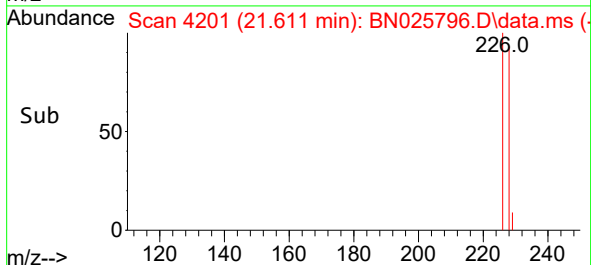
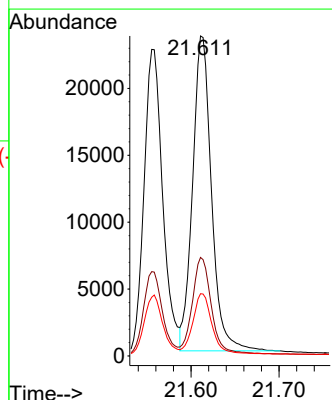
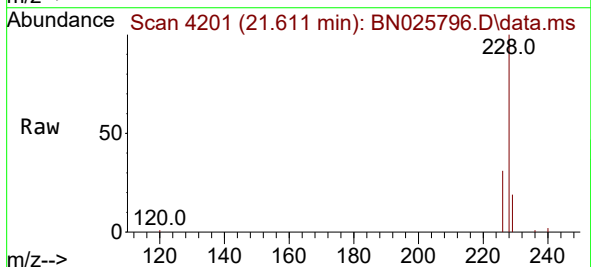
Tgt Ion:228 Resp: 35153

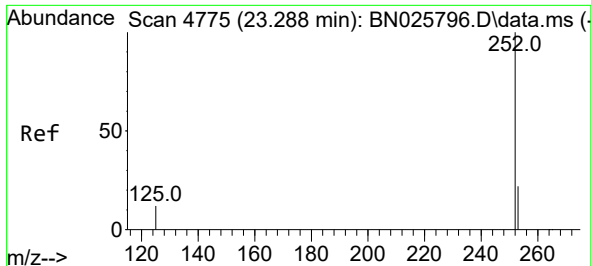
Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.5 15.7 23.5

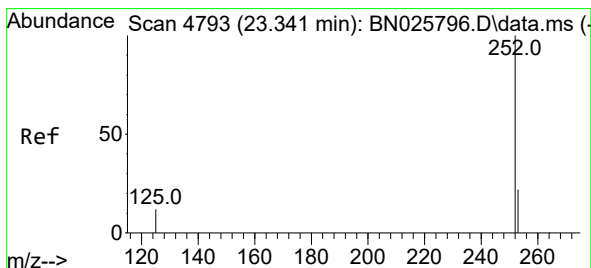
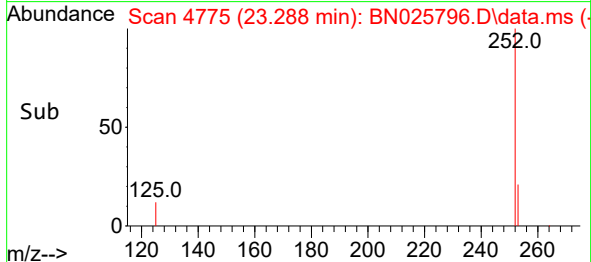
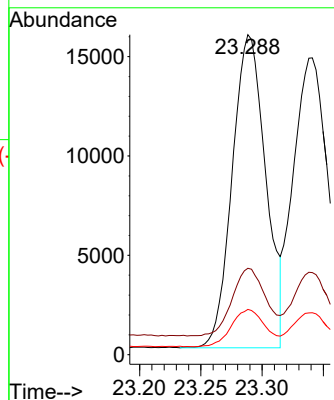
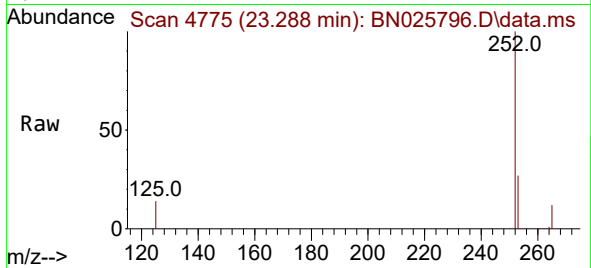




#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 23.288 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

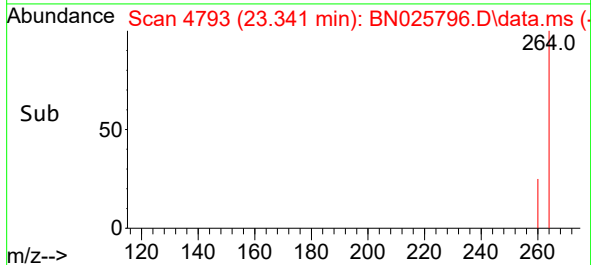
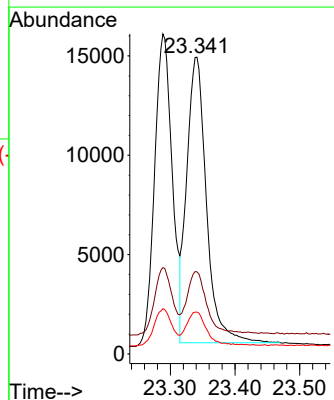
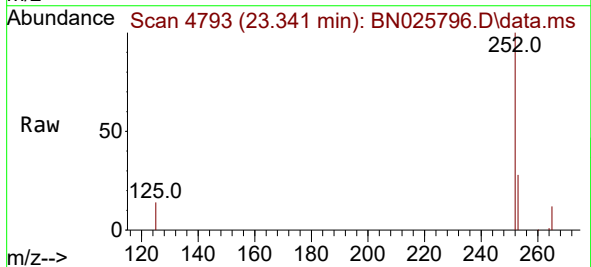
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

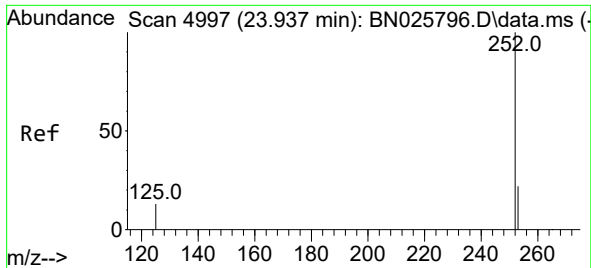
Tgt Ion:252 Resp: 30013
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.0
125 14.1 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.425 ng/ul
RT: 23.341 min Scan# 4793
Delta R.T. 0.000 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

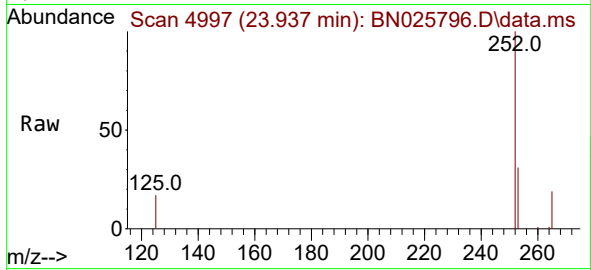
Tgt Ion:252 Resp: 30434
Ion Ratio Lower Upper
252 100
253 27.7 23.3 34.9
125 14.1 11.6 17.4



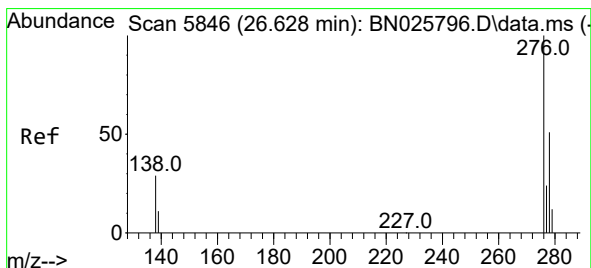
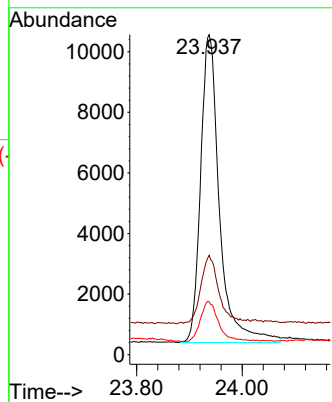
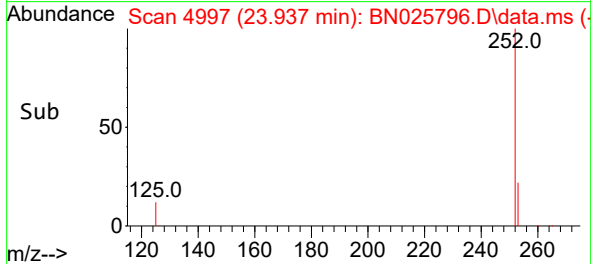


#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.937 min Scan# 4997
Delta R.T. -0.006 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

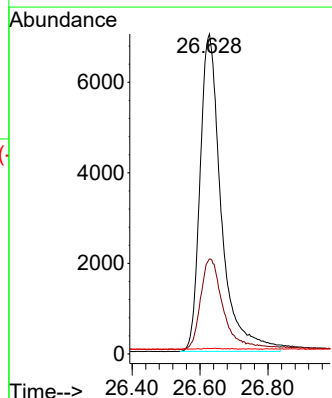
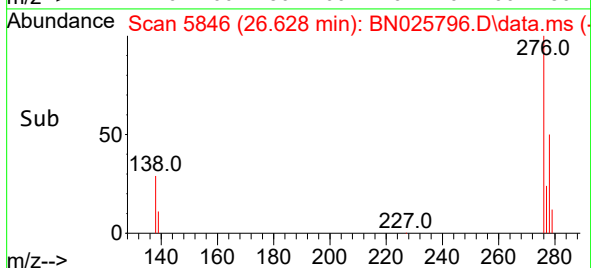
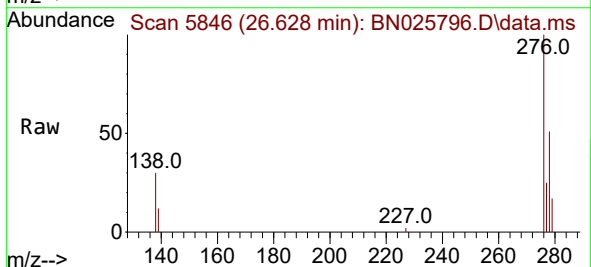


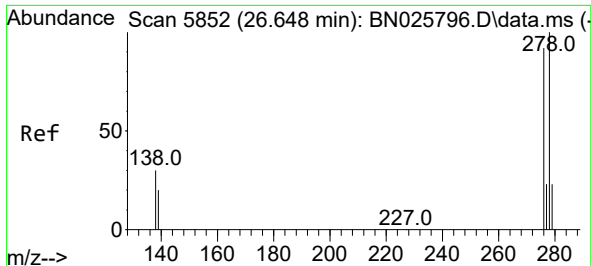
Tgt Ion:252 Resp: 25182
Ion Ratio Lower Upper
252 100
253 31.0 25.8 38.8
125 16.6 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.628 min Scan# 5846
Delta R.T. -0.030 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:276 Resp: 30341
Ion Ratio Lower Upper
276 100
138 31.0 24.6 36.8
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.452 ng/ul

RT: 26.648 min Scan# 5852

Delta R.T. -0.037 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302

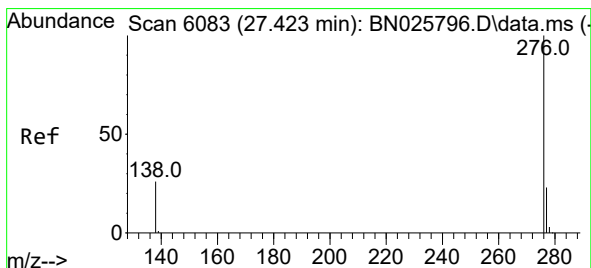
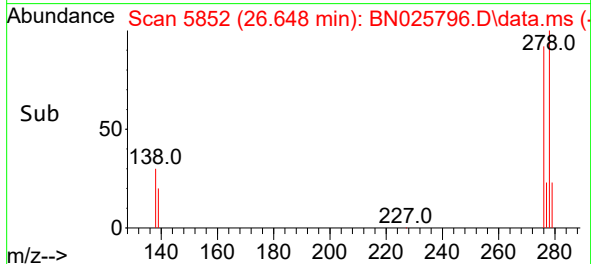
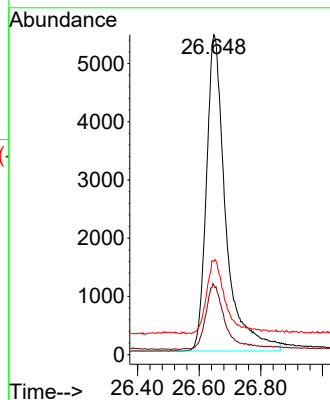
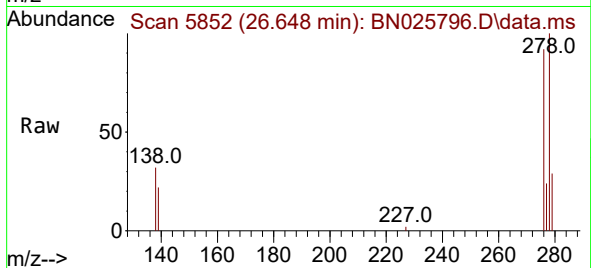
Tgt Ion:278 Resp: 23623

Ion Ratio Lower Upper

278 100

139 21.7 17.9 26.9

279 29.2 25.3 37.9



#29

Benzo(g,h,i)perylene

Concen: 0.433 ng/ul

RT: 27.423 min Scan# 6083

Delta R.T. -0.026 min

Lab File: BN025796.D

Acq: 13 Jun 2023 08:45

Tgt Ion:276 Resp: 26815

Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.8

277 24.2 19.4 29.2

