

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 23:49:42 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)

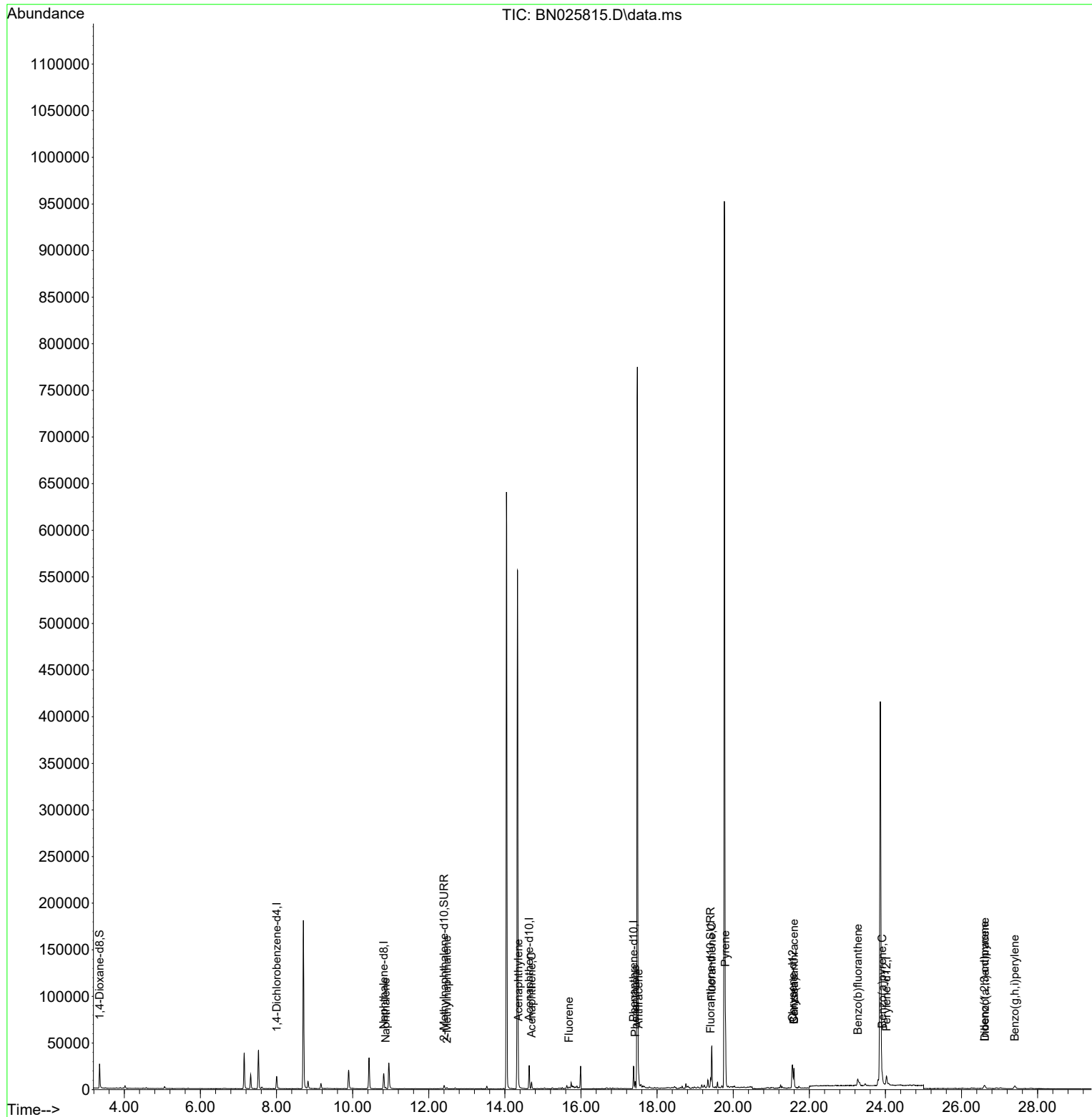
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	7438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	22871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	13661	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	28198	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	15452	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	14693	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	17179	2.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	4753	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	10688	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	1893	0.033	ng/ul#	87
7) 2-Methylnaphthalene	12.480	142	885	0.025	ng/ul	100
10) Acenaphthylene	14.357	152	4155	0.077	ng/ul#	91
11) Acenaphthene	14.700	153	4036	0.090	ng/ul	98
12) Fluorene	15.685	166	1369	0.027	ng/ul#	86
15) Phenanthrene	17.423	178	8155	0.099	ng/ul#	95
16) Anthracene	17.516	178	9684	0.139	ng/ul	95
19) Fluoranthene	19.438	202	38711	0.548	ng/ul	99
20) Pyrene	19.796	202	57953	0.792	ng/ul	98
21) Benzo(a)anthracene	21.599	228	22873	0.464	ng/ul	92
22) Chrysene	21.599	228	22516	0.400	ng/ul	96
24) Benzo(b)fluoranthene	23.274	252	17287	0.288	ng/ul	79
26) Benzo(a)pyrene	23.914	252	11710	0.230	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.601	276	6034	0.104	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.614	278	1895	0.043	ng/ul#	27
29) Benzo(g,h,i)perylene	27.399	276	6687	0.128	ng/ul	92

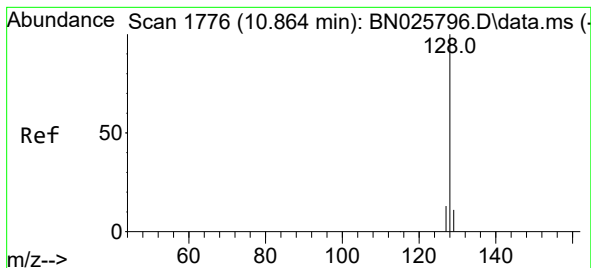
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.033 ng/ul

RT: 10.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :

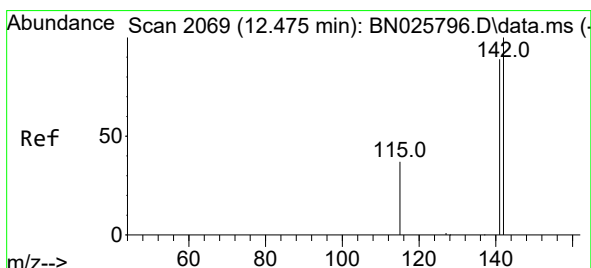
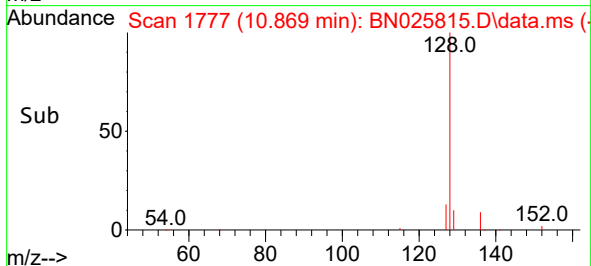
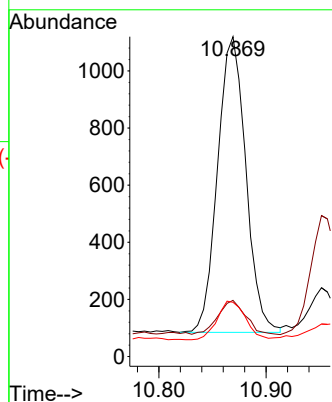
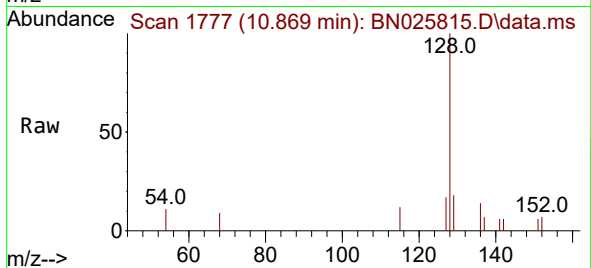
Tgt Ion:128 Resp: 1893

Ion Ratio Lower Upper

128 100

129 17.6 9.1 13.7#

127 17.0 10.5 15.7#



#7

2-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.480 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BN025815.D

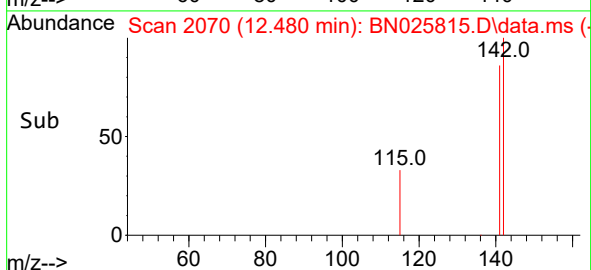
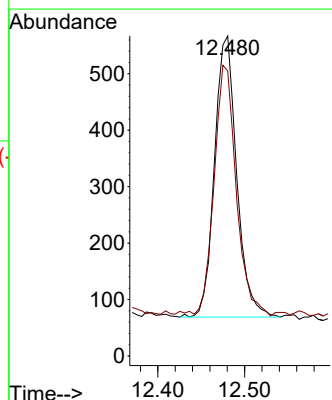
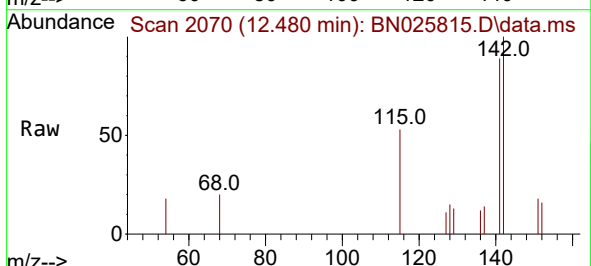
Acq: 13 Jun 2023 20:59

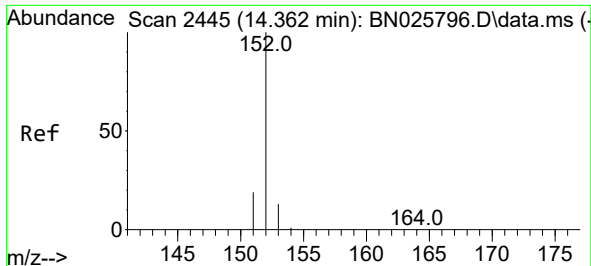
Tgt Ion:142 Resp: 885

Ion Ratio Lower Upper

142 100

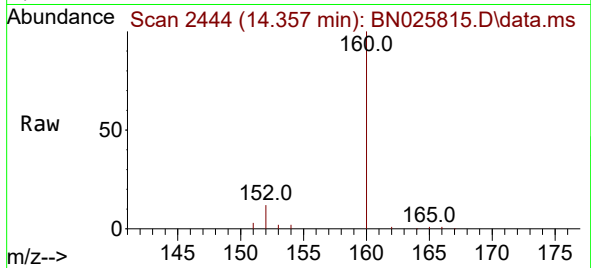
141 89.0 71.4 107.2



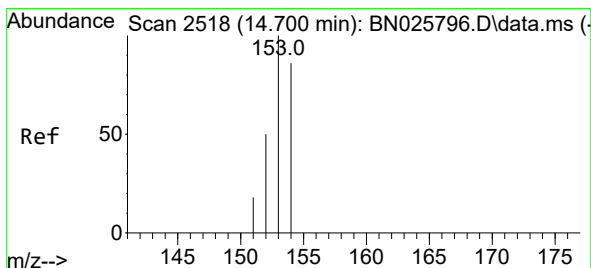
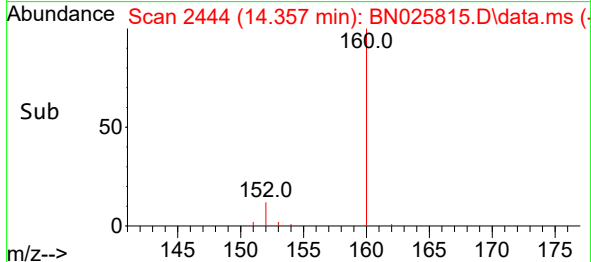
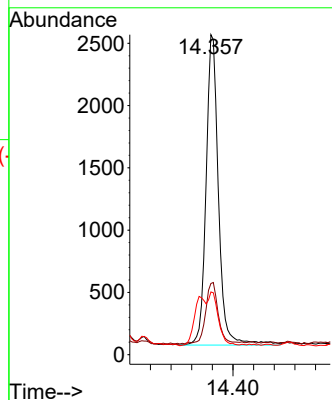


#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :

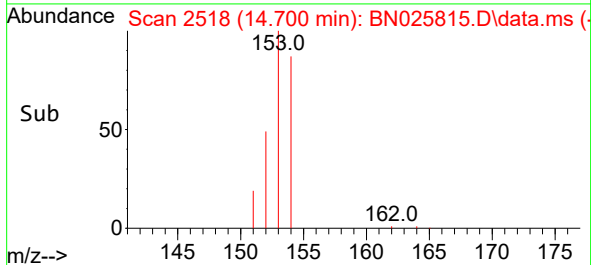
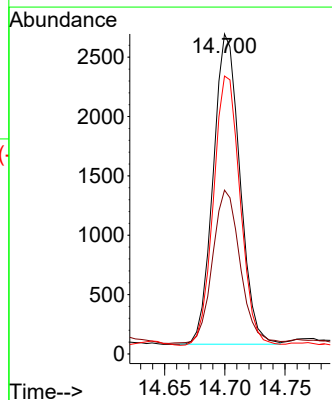
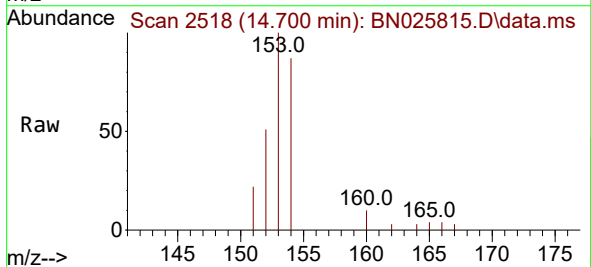


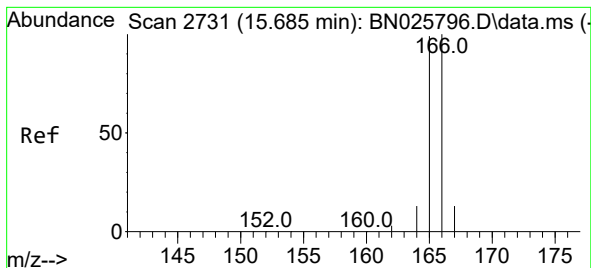
Tgt Ion:152 Resp: 4155
Ion Ratio Lower Upper
152 100
151 22.3 16.0 24.0
153 19.6 10.7 16.1#



#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

Tgt Ion:153 Resp: 4036
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 86.9 68.8 103.2





#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.685 min Scan# 21

Delta R.T. -0.005 min

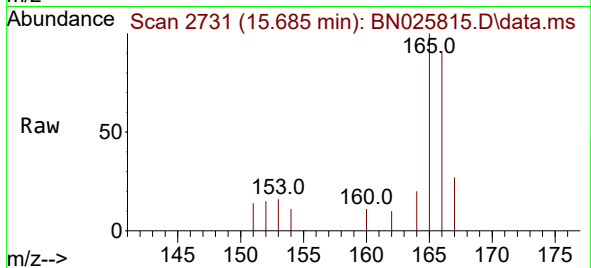
Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :



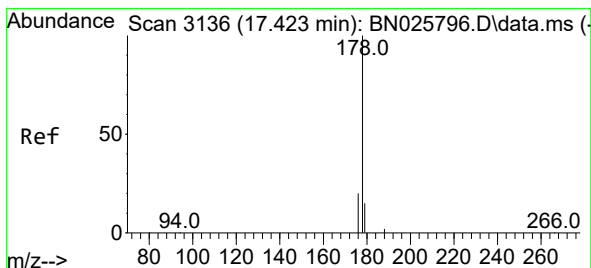
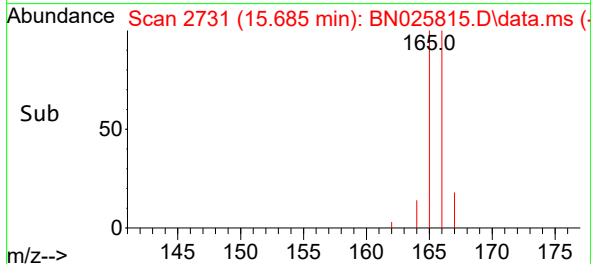
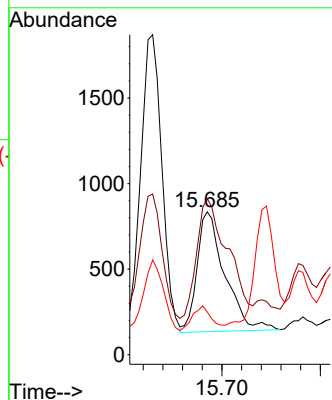
Tgt Ion:166 Resp: 1369

Ion Ratio Lower Upper

166 100

165 109.3 79.2 118.8

167 29.9 11.0 16.6#



#15

Phenanthrene

Concen: 0.099 ng/ul

RT: 17.423 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

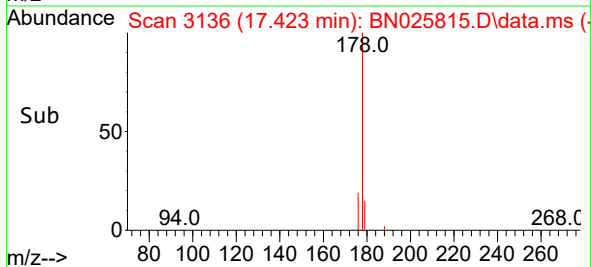
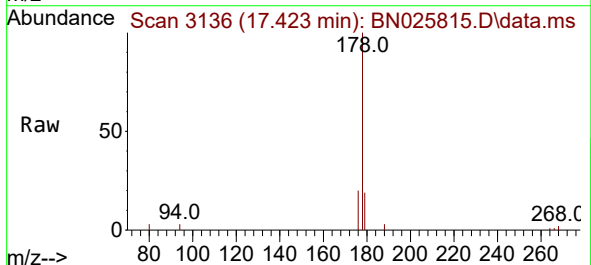
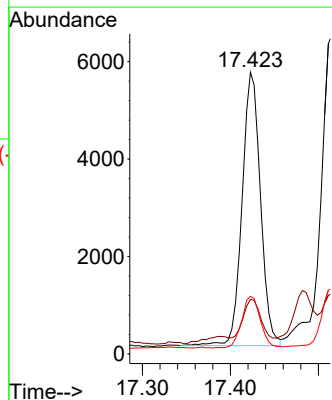
Tgt Ion:178 Resp: 8155

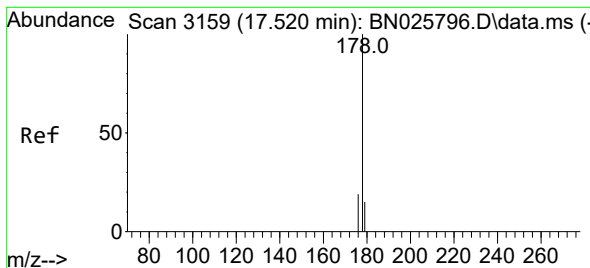
Ion Ratio Lower Upper

178 100

179 19.4 12.6 18.8#

176 20.5 15.8 23.8





#16

Anthracene

Concen: 0.139 ng/ul

RT: 17.516 min Scan# 3159

Delta R.T. -0.008 min

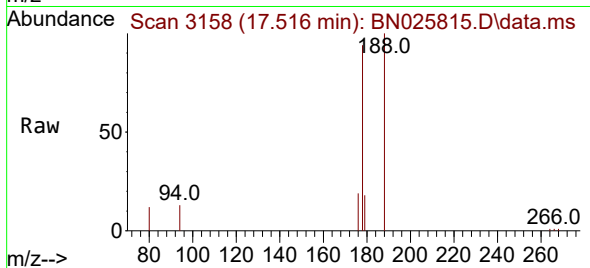
Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :



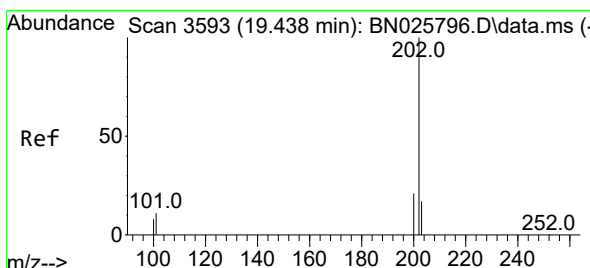
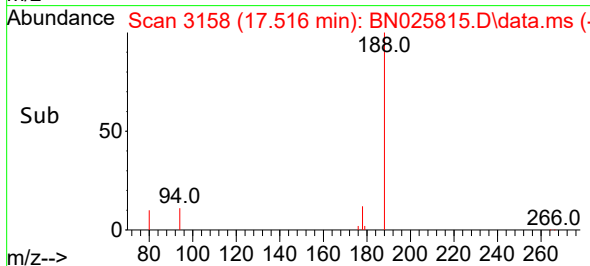
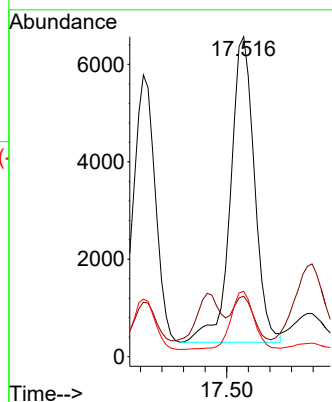
Tgt Ion:178 Resp: 9684

Ion Ratio Lower Upper

178 100

179 18.9 12.6 19.0

176 20.4 15.4 23.2



#19

Fluoranthene

Concen: 0.548 ng/ul

RT: 19.438 min Scan# 3593

Delta R.T. -0.004 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

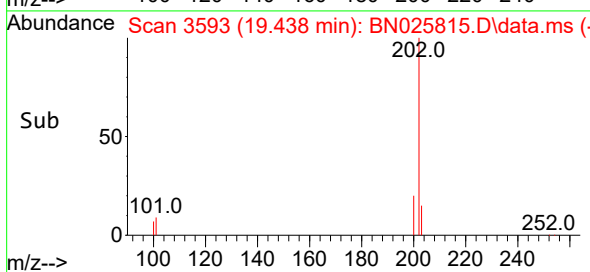
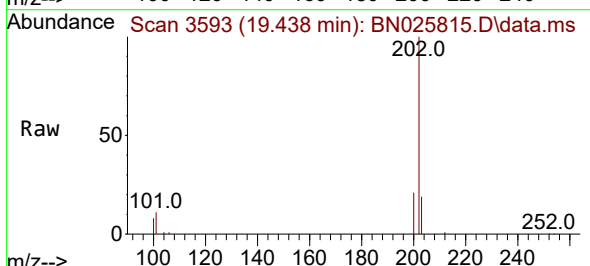
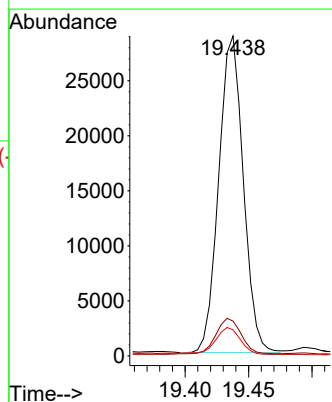
Tgt Ion:202 Resp: 38711

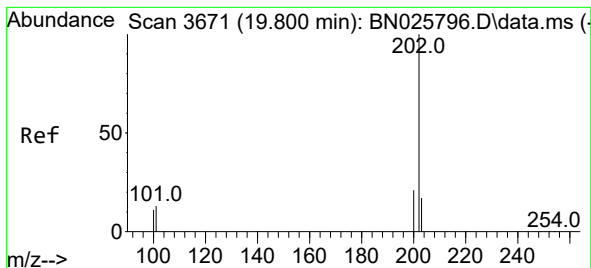
Ion Ratio Lower Upper

202 100

101 10.9 9.1 13.7

100 8.2 7.0 10.6





#20

Pyrene

Concen: 0.792 ng/ul

RT: 19.796 min Scan# 30

Delta R.T. -0.009 min

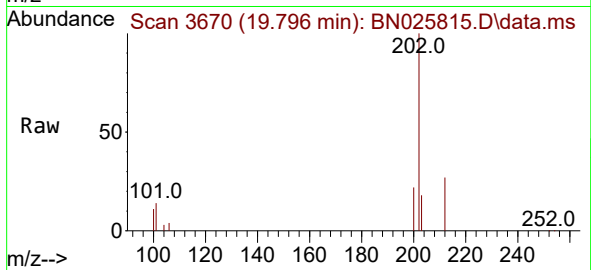
Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :



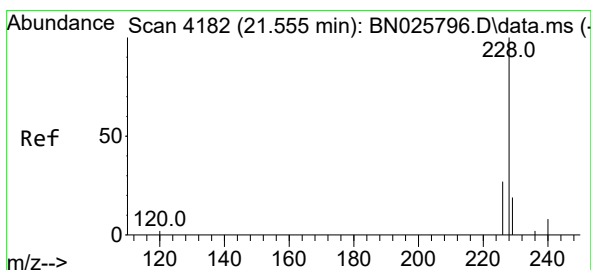
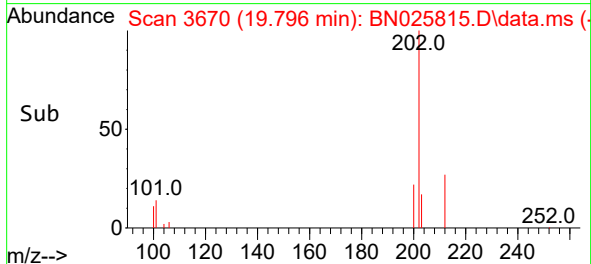
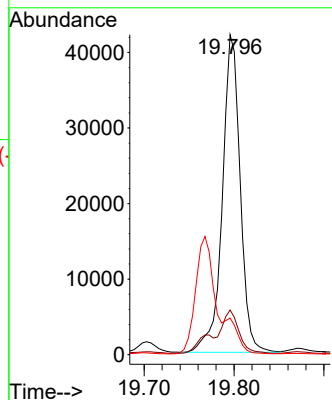
Tgt Ion:202 Resp: 57953

Ion Ratio Lower Upper

202 100

101 13.9 10.4 15.6

100 11.5 8.8 13.2



#21

Benzo(a)anthracene

Concen: 0.464 ng/ul

RT: 21.599 min Scan# 4197

Delta R.T. 0.047 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

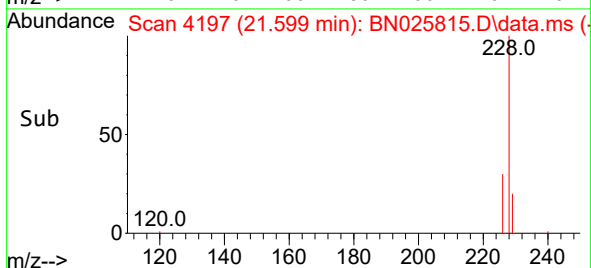
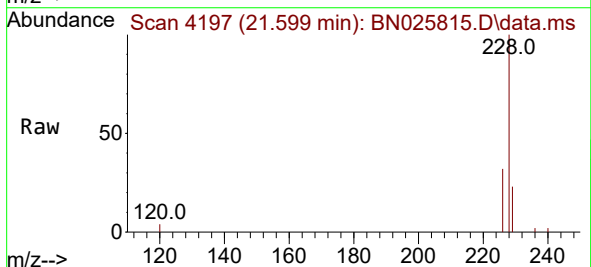
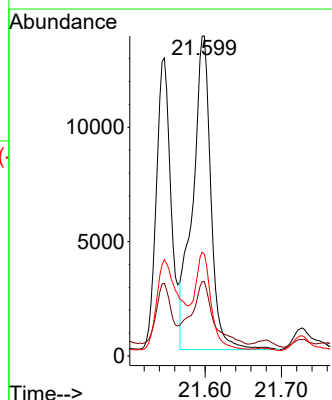
Tgt Ion:228 Resp: 22873

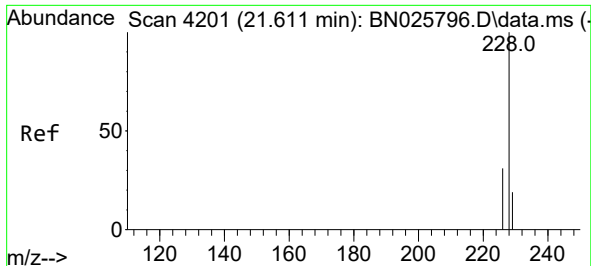
Ion Ratio Lower Upper

228 100

229 23.3 15.5 23.3

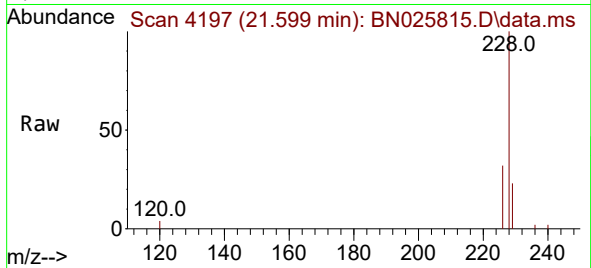
226 31.9 22.0 33.0



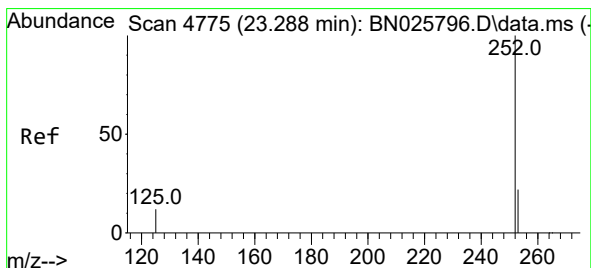
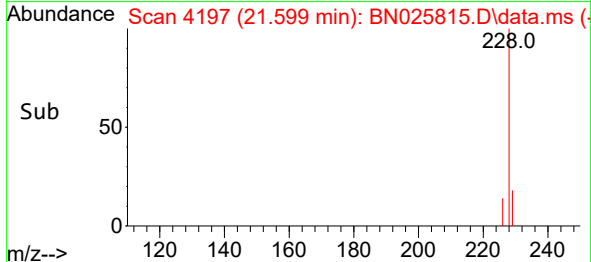
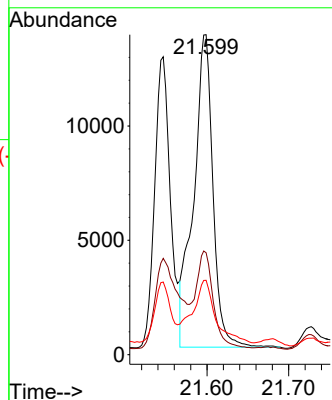


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.599 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :

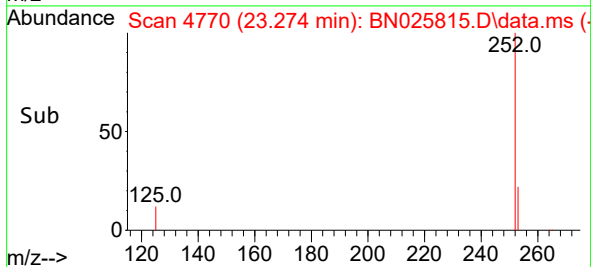
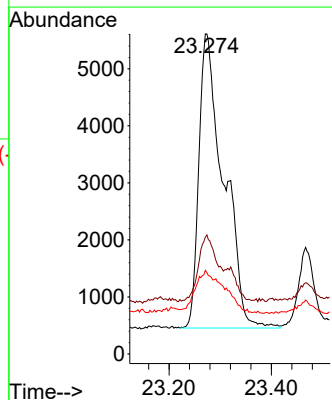
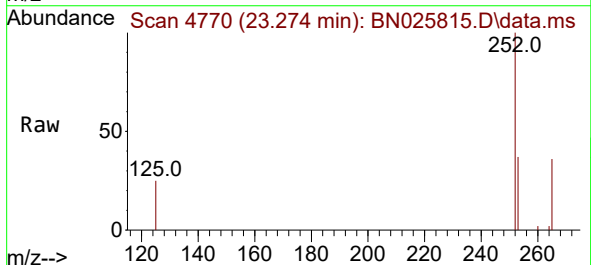


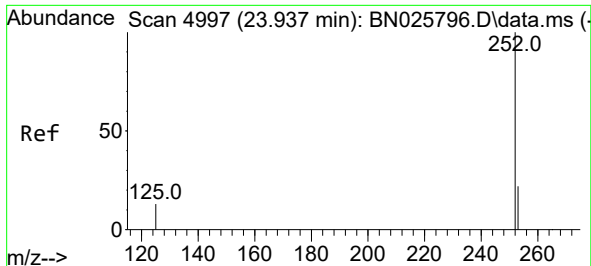
Tgt Ion:228 Resp: 22516
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 23.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.274 min Scan# 4770
Delta R.T. -0.017 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

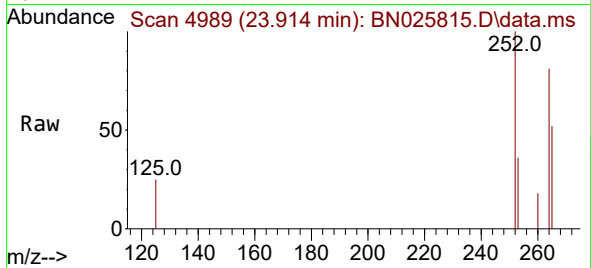
Tgt Ion:252 Resp: 17287
Ion Ratio Lower Upper
252 100
253 37.2 0.0 56.0
125 25.4 0.0 28.0



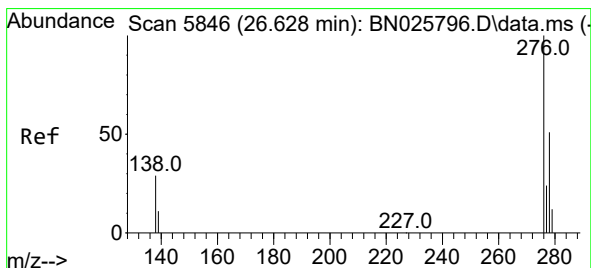
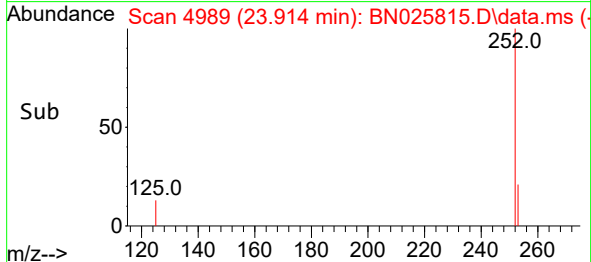
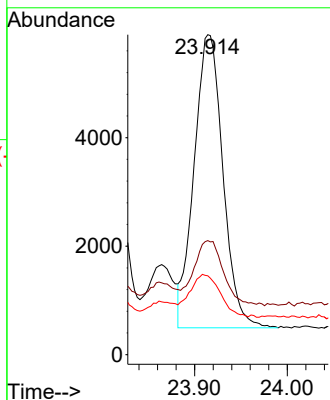


#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.914 min Scan# 4989
Delta R.T. -0.029 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :

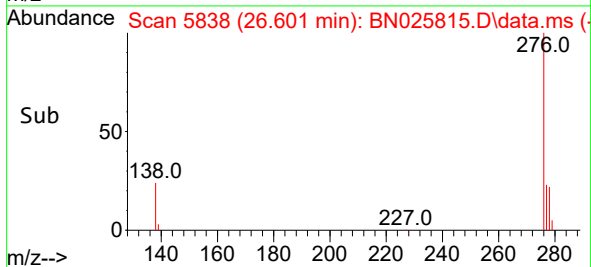
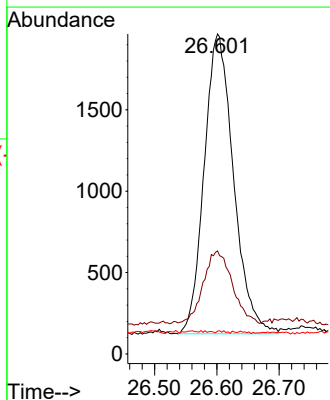
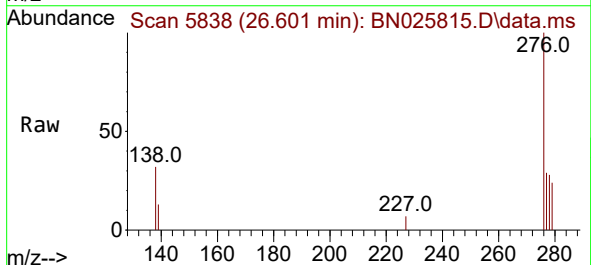


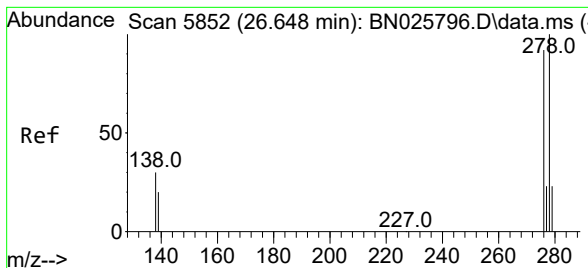
Tgt Ion:252 Resp: 11710
Ion Ratio Lower Upper
252 100
253 35.7 25.8 38.8
125 24.7 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.057 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

Tgt Ion:276 Resp: 6034
Ion Ratio Lower Upper
276 100
138 23.6 24.6 36.8#
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 26.614 min Scan# 51

Delta R.T. -0.071 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :

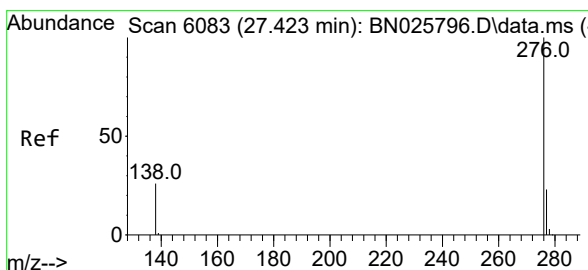
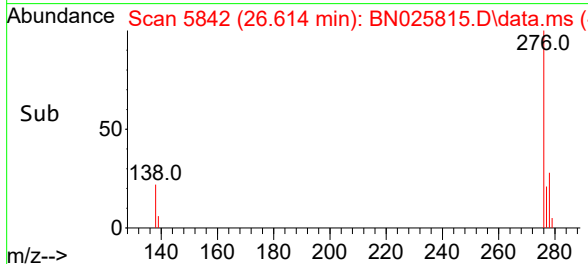
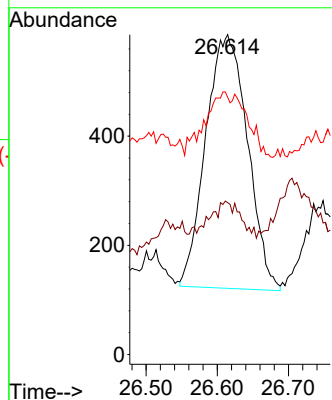
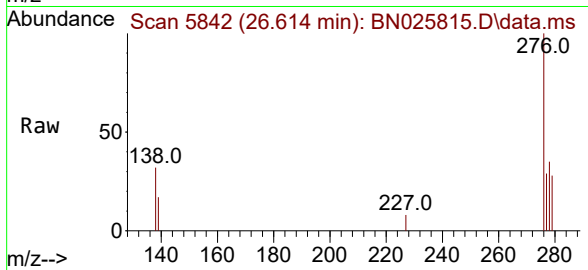
Tgt Ion:278 Resp: 1895

Ion Ratio Lower Upper

278 100

139 47.4 17.9 26.9#

279 80.4 25.3 37.9#



#29

Benzo(g,h,i)perylene

Concen: 0.128 ng/ul

RT: 27.399 min Scan# 6076

Delta R.T. -0.050 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Tgt Ion:276 Resp: 6687

Ion Ratio Lower Upper

276 100

138 31.8 21.8 32.8

277 28.1 19.4 29.2

