

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025804.D
 Acq On : 13 Jun 2023 13:43
 Operator : MA/JU
 Sample : 02950-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 23:16:42 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

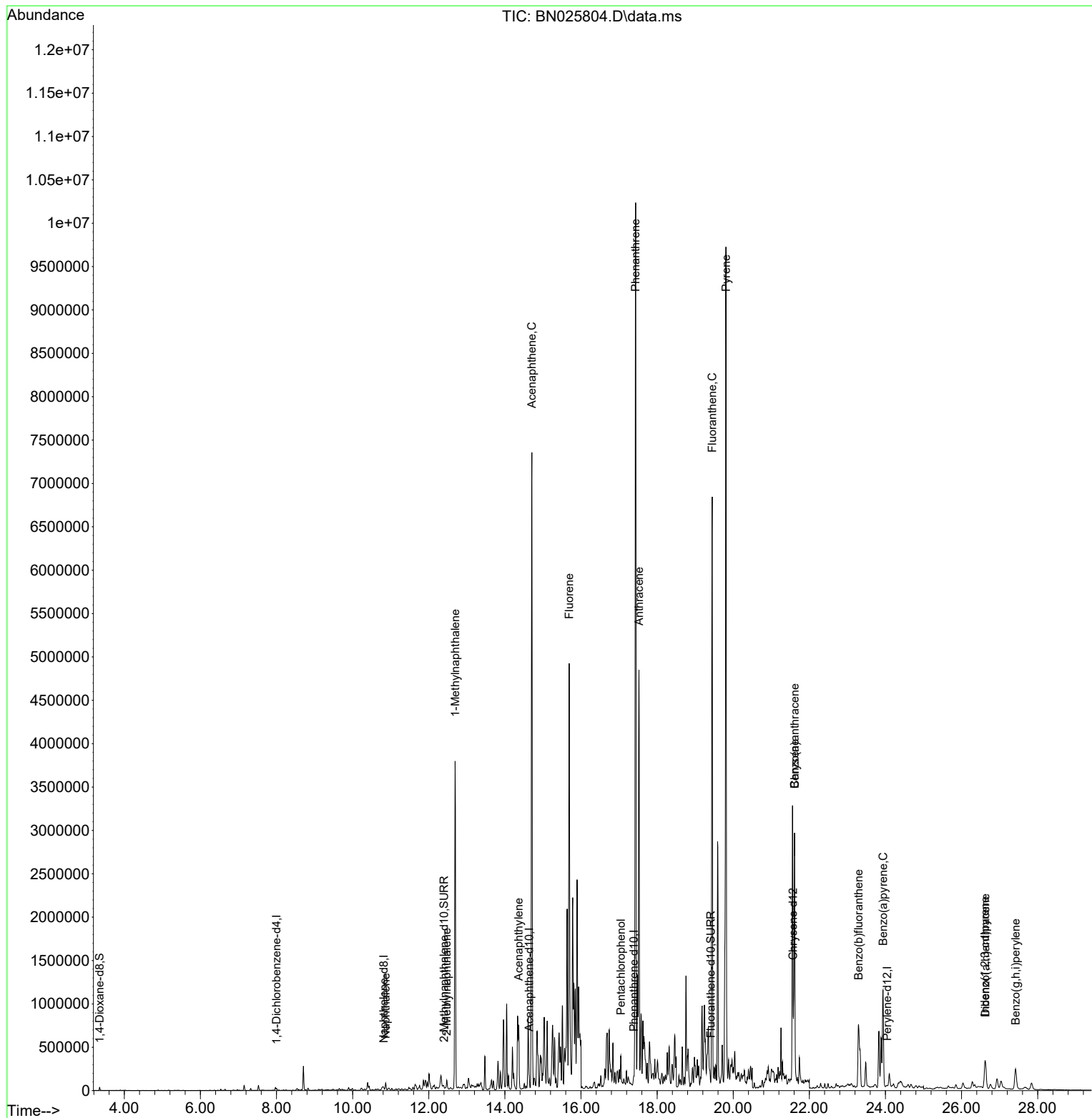
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	11627	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.818	136	35625	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.639	164	23072	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	45124	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.575	240	25268	0.400	ng/ul	# 0.00
23) Perylene-d12	24.045	264	29801	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	23397	2.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	7363	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.409	212	17005	0.213	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.868	128	101292	1.118	ng/ul#	93
7) 2-Methylnaphthalene	12.474	142	66877	1.226	ng/ul	96
8) 1-Methylnaphthalene	12.694	142	2553594	42.573	ng/ul	99
10) Acenaphthylene	14.362	152	685317	7.513	ng/ul#	76
11) Acenaphthene	14.709	153	4403666	57.863	ng/ul	96
12) Fluorene	15.689	166	3229764	38.101	ng/ul	98
14) Pentachlorophenol	17.051	266	175	0.036	ng/ul#	39
15) Phenanthrene	17.435	178	12408425	94.288	ng/ul	96
16) Anthracene	17.524	178	5083524	45.746	ng/ul	99
19) Fluoranthene	19.446	202	6007832	51.980	ng/ul	99
20) Pyrene	19.809	202	8502204	71.062	ng/ul	99
21) Benzo(a)anthracene	21.613	228	2990680	37.116	ng/ul	92
22) Chrysene	21.613	228	2990680	32.457	ng/ul	96
24) Benzo(b)fluoranthene	23.291	252	1886307	15.474	ng/ul	94
26) Benzo(a)pyrene	23.937	252	1696270	16.420	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.617	276	541082	4.594	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.627	278	205148	2.300	ng/ul	99
29) Benzo(g,h,i)perylene	27.419	276	533122	5.045	ng/ul	99

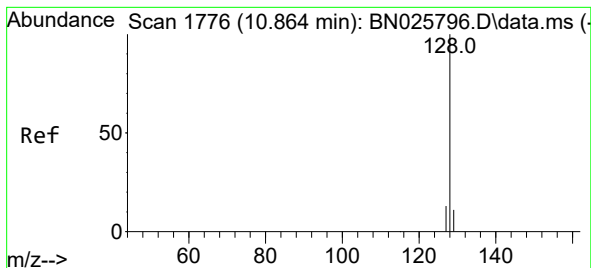
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.118 ng/ul

RT: 10.868 min Scan# 1

Delta R.T. -0.007 min

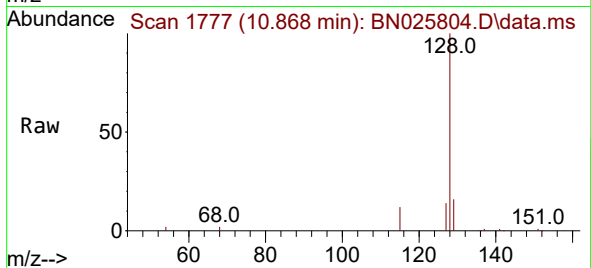
Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

Instrument :

BNA_N

ClientSampleId :



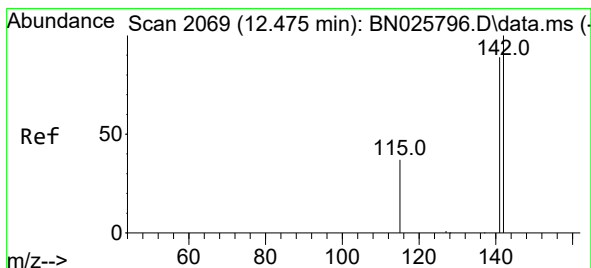
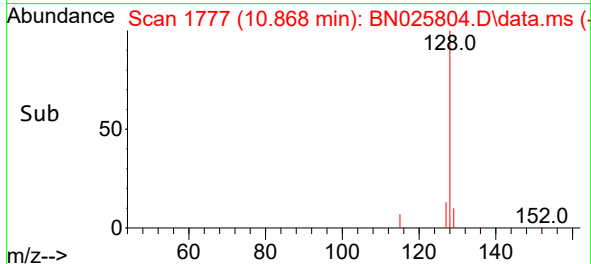
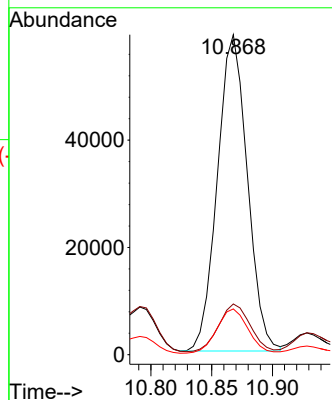
Tgt Ion:128 Resp: 101292

Ion Ratio Lower Upper

128 100

129 15.8 9.1 13.7#

127 14.3 10.5 15.7



#7

2-Methylnaphthalene

Concen: 1.226 ng/ul

RT: 12.474 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN025804.D

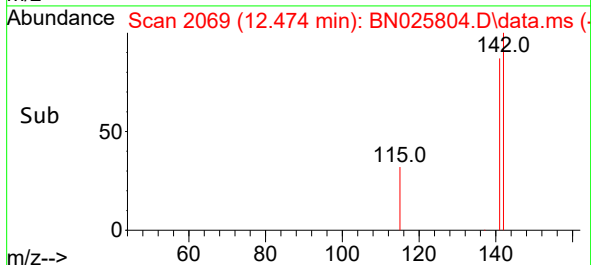
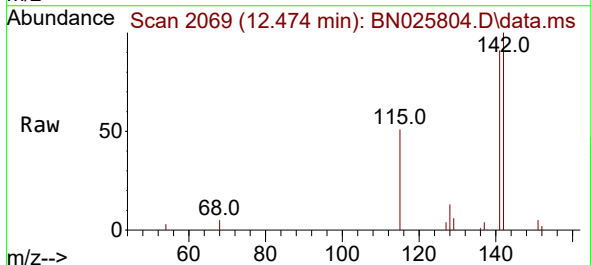
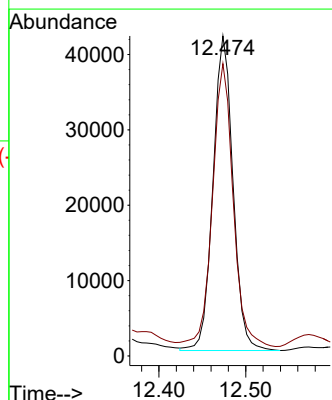
Acq: 13 Jun 2023 13:43

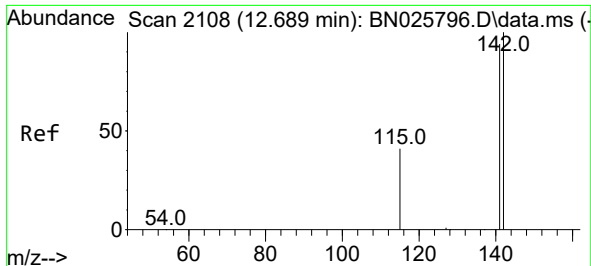
Tgt Ion:142 Resp: 66877

Ion Ratio Lower Upper

142 100

141 93.4 71.4 107.2

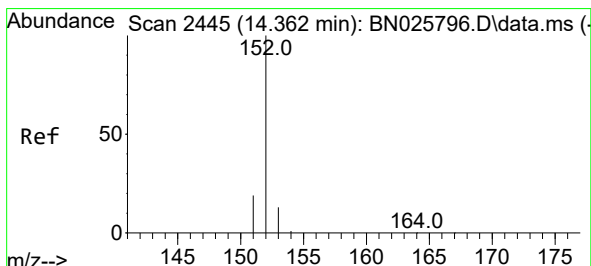
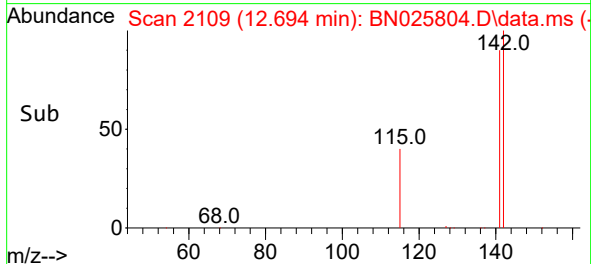
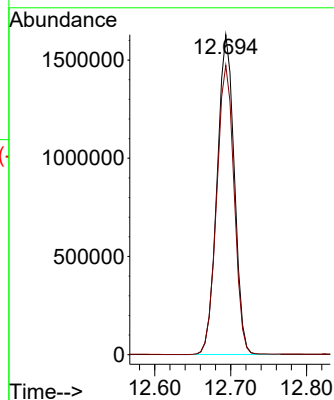
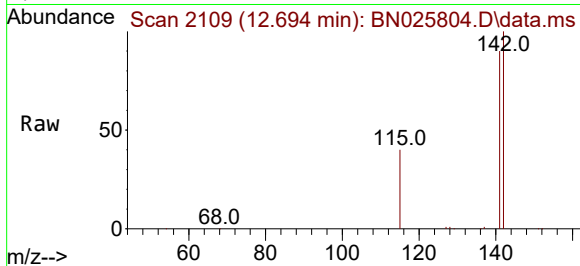




#8
1-Methylnaphthalene
Concen: 42.573 ng/ul
RT: 12.694 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

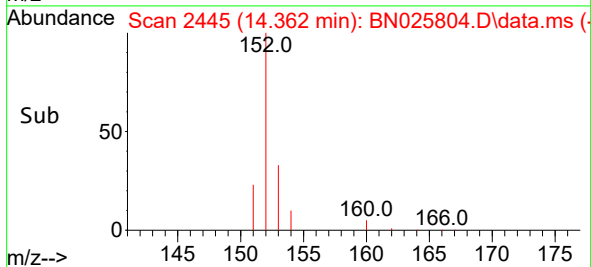
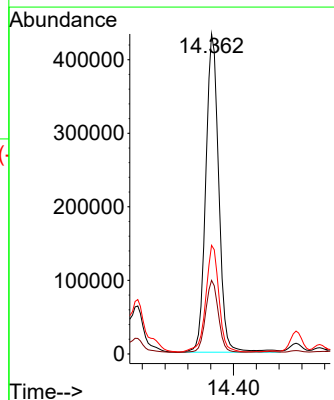
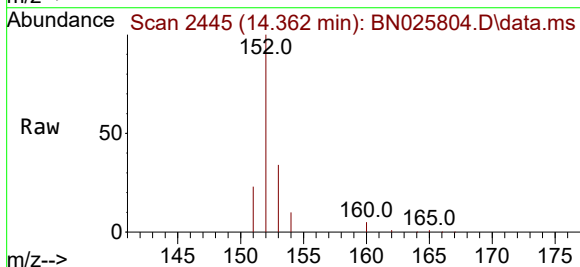
Instrument :
BNA_N
ClientSampleId :

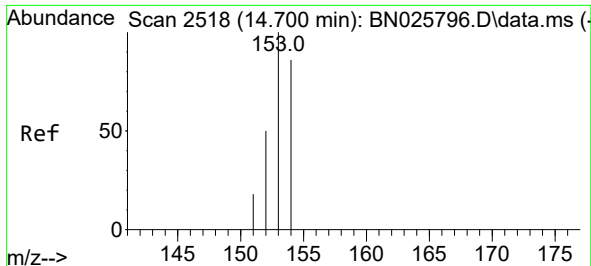
Tgt Ion:142 Resp: 2553594
Ion Ratio Lower Upper
142 100
141 91.6 74.0 111.0



#10
Acenaphthylene
Concen: 7.513 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Tgt Ion:152 Resp: 685317
Ion Ratio Lower Upper
152 100
151 23.0 16.0 24.0
153 33.9 10.7 16.1#

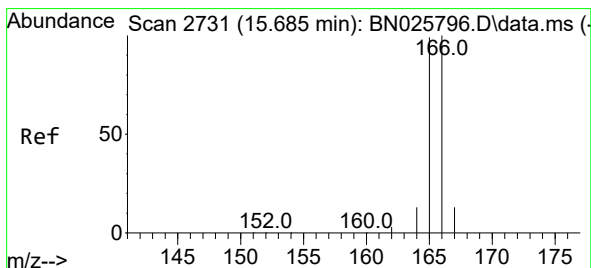
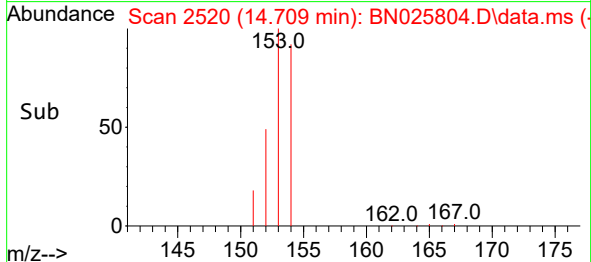
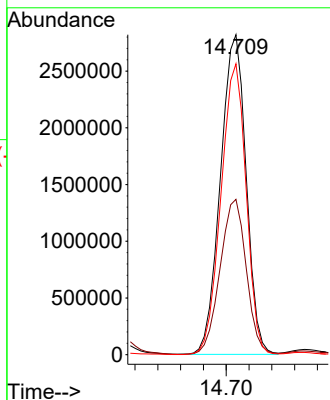
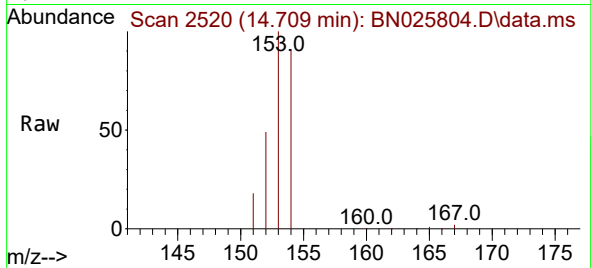




#11
Acenaphthene
Concen: 57.863 ng/ul
RT: 14.709 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

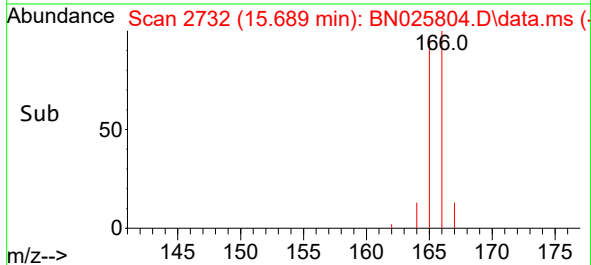
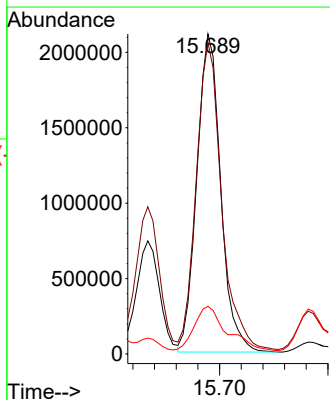
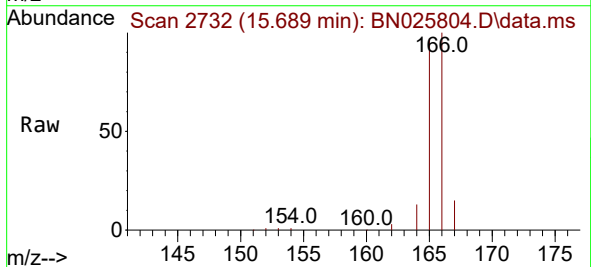
Instrument :
BNA_N
ClientSampleId :

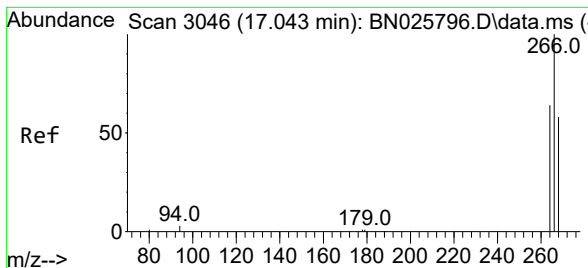
Tgt Ion:153 Resp: 4403666
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 90.9 68.8 103.2



#12
Fluorene
Concen: 38.101 ng/ul
RT: 15.689 min Scan# 2732
Delta R.T. -0.001 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Tgt Ion:166 Resp: 3229764
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 14.9 11.0 16.6





#14

Pentachlorophenol

Concen: 0.036 ng/ul

RT: 17.051 min Scan# 3046

Delta R.T. -0.005 min

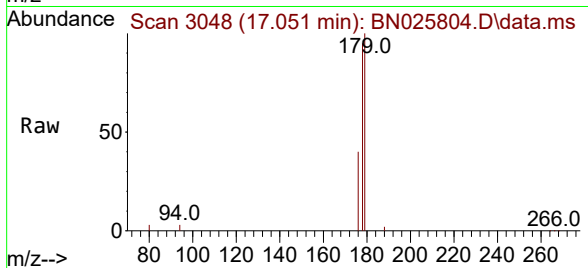
Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

Instrument :

BNA_N

ClientSampleId :



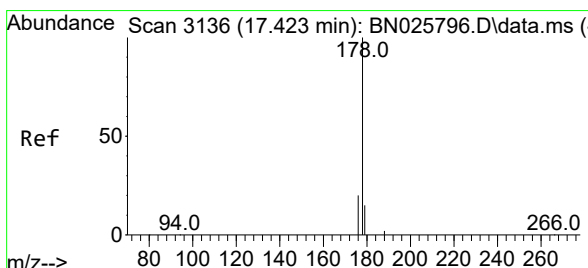
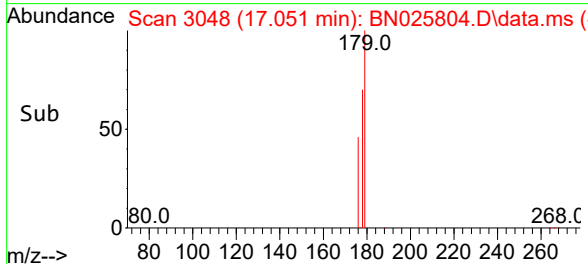
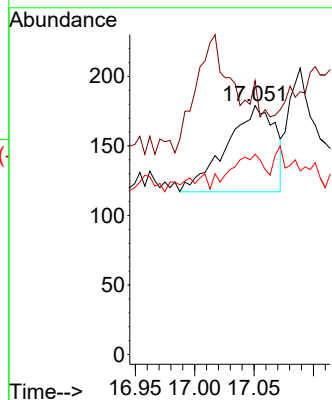
Tgt Ion:266 Resp: 175

Ion Ratio Lower Upper

266 100

264 0.0 48.2 72.4#

268 28.6 48.2 72.4#



#15

Phenanthrene

Concen: 94.288 ng/ul

RT: 17.435 min Scan# 3139

Delta R.T. 0.004 min

Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

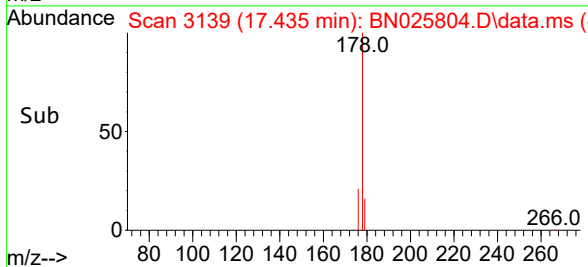
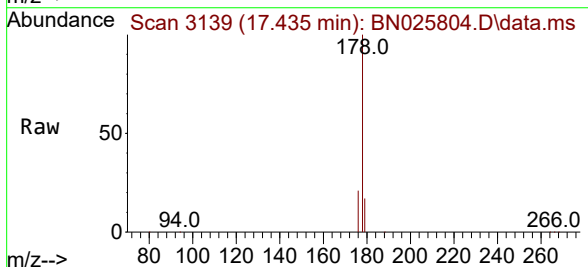
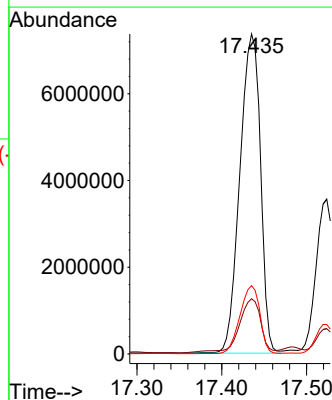
Tgt Ion:178 Resp:12408425

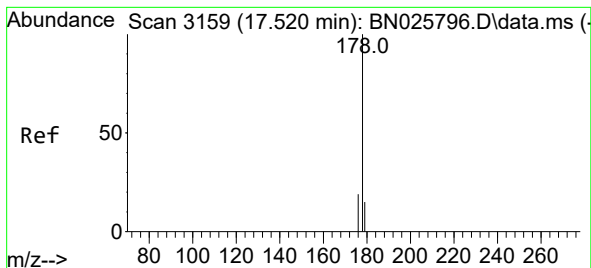
Ion Ratio Lower Upper

178 100

179 17.2 12.6 18.8

176 21.4 15.8 23.8





#16

Anthracene

Concen: 45.746 ng/ul

RT: 17.524 min Scan# 3159

Delta R.T. -0.000 min

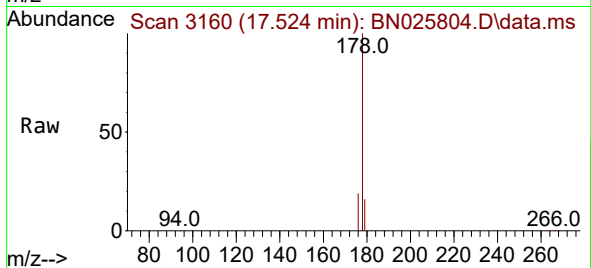
Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

Instrument :

BNA_N

ClientSampleId :



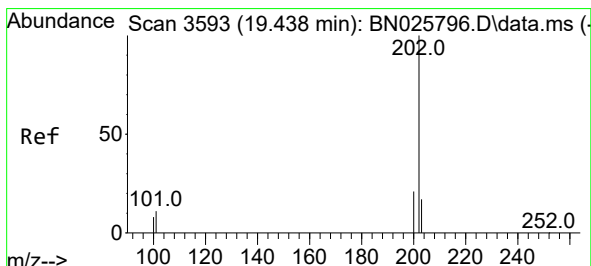
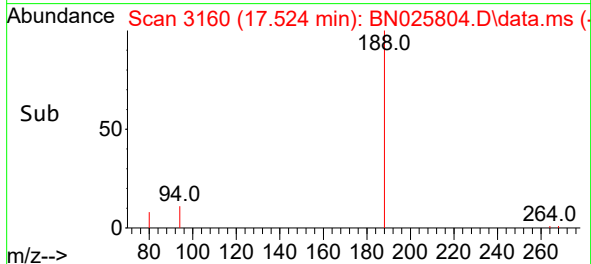
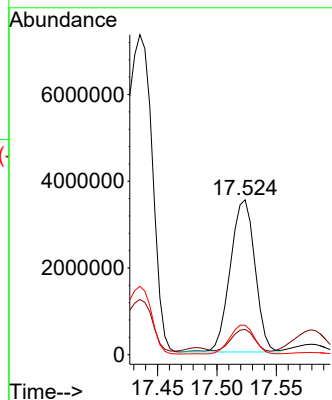
Tgt Ion:178 Resp: 5083524

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 19.0 15.4 23.2



#19

Fluoranthene

Concen: 51.980 ng/ul

RT: 19.446 min Scan# 3595

Delta R.T. 0.004 min

Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

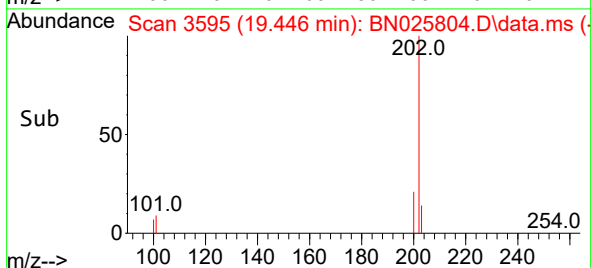
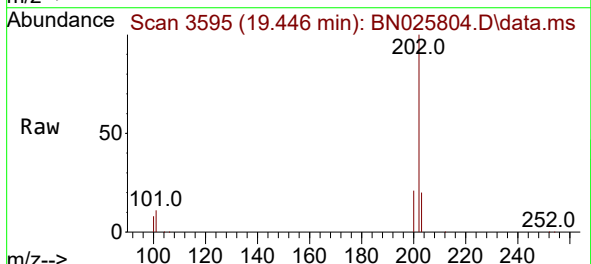
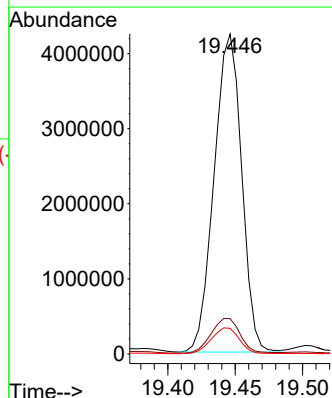
Tgt Ion:202 Resp: 6007832

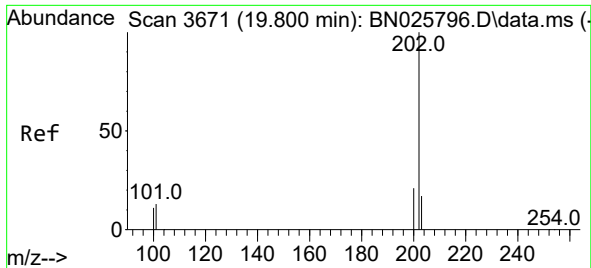
Ion Ratio Lower Upper

202 100

101 11.1 9.1 13.7

100 8.0 7.0 10.6

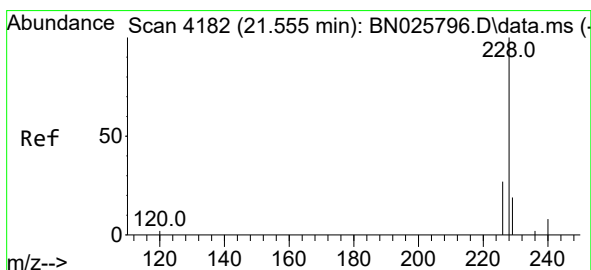
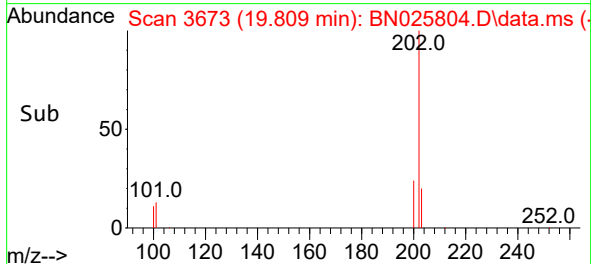
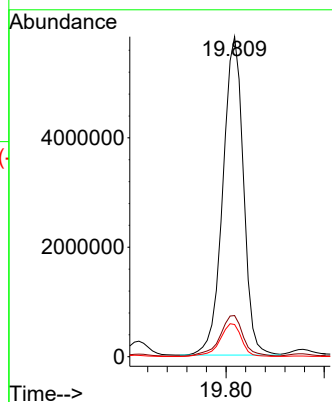
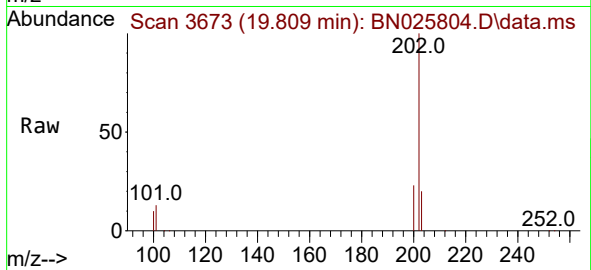




#20
Pyrene
Concen: 71.062 ng/ul
RT: 19.809 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

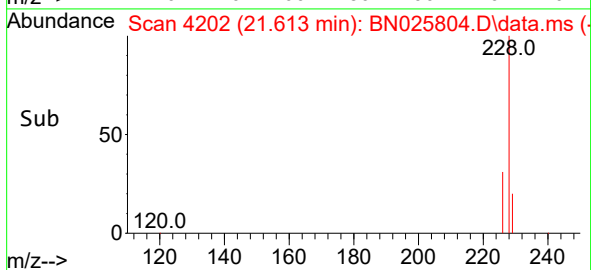
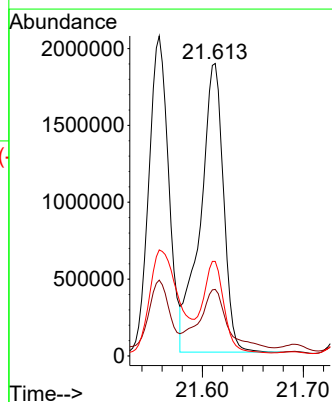
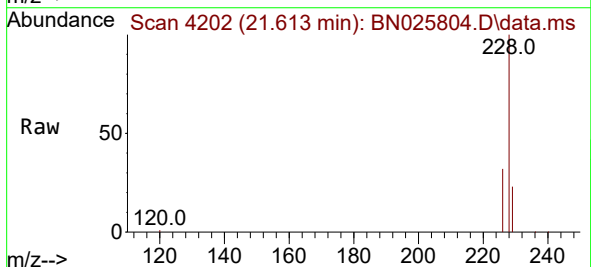
Instrument :
BNA_N
ClientSampleId :

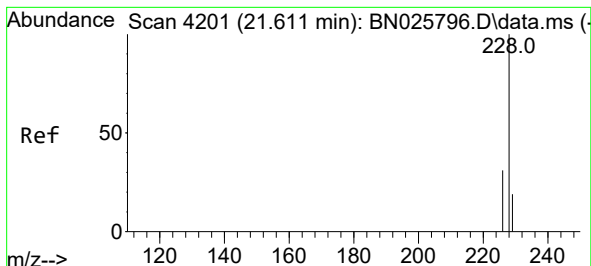
Tgt Ion:202 Resp: 8502204
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 10.0 8.8 13.2



#21
Benzo(a)anthracene
Concen: 37.116 ng/ul
RT: 21.613 min Scan# 4202
Delta R.T. 0.061 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Tgt Ion:228 Resp: 2990680
Ion Ratio Lower Upper
228 100
229 22.8 15.5 23.3
226 32.3 22.0 33.0





#22

Chrysene

Concen: 32.457 ng/ul

RT: 21.613 min Scan# 41

Delta R.T. 0.005 min

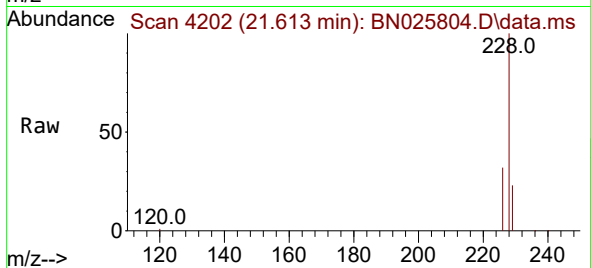
Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

Instrument :

BNA_N

ClientSampleId :



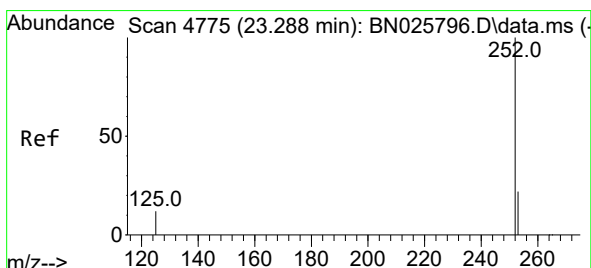
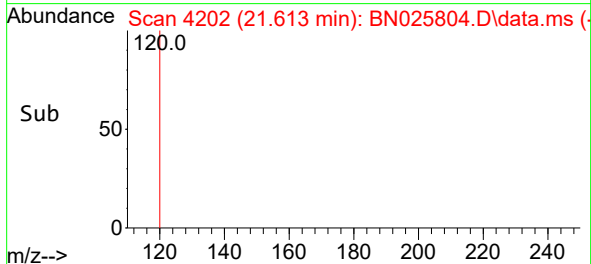
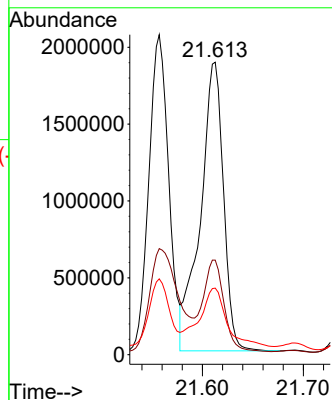
Tgt Ion:228 Resp: 2990680

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

229 22.8 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 15.474 ng/ul

RT: 23.291 min Scan# 4776

Delta R.T. -0.000 min

Lab File: BN025804.D

Acq: 13 Jun 2023 13:43

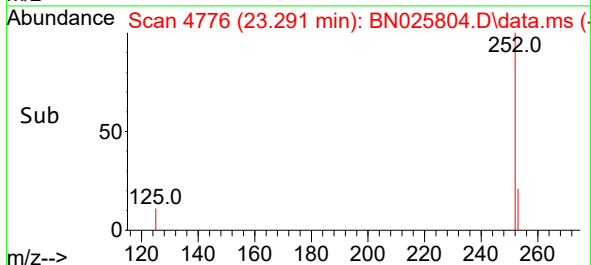
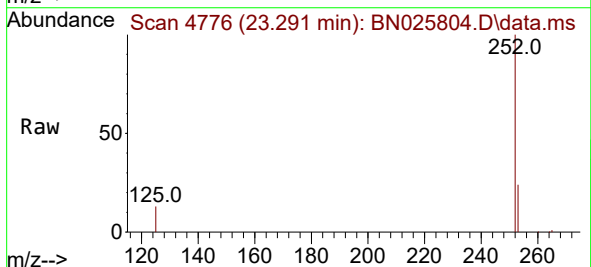
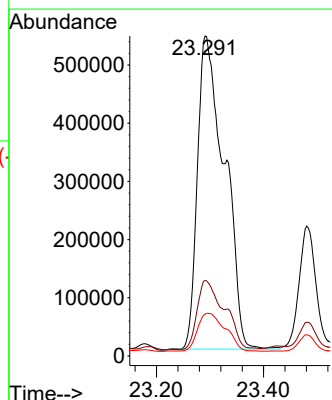
Tgt Ion:252 Resp: 1886307

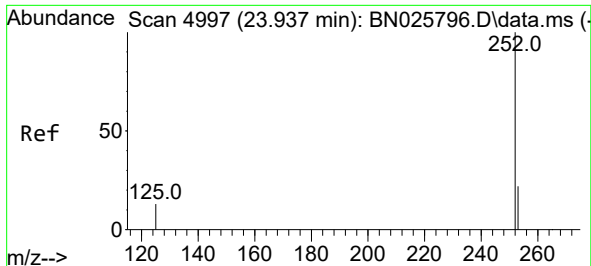
Ion Ratio Lower Upper

252 100

253 23.6 0.0 56.0

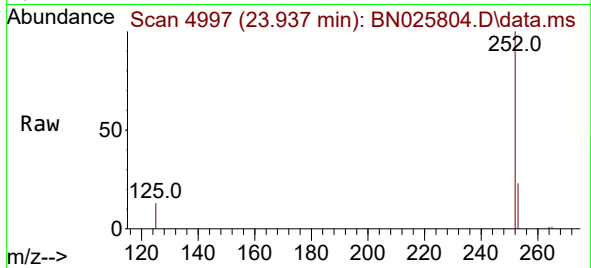
125 13.1 0.0 28.0



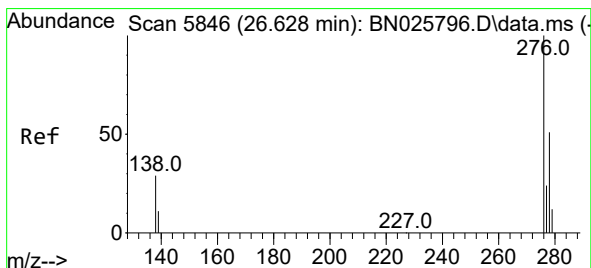
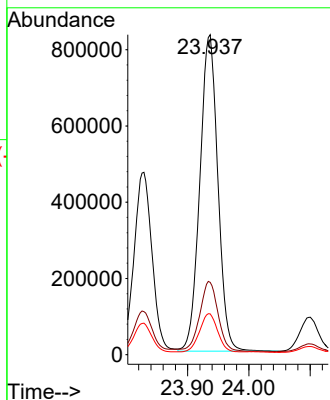
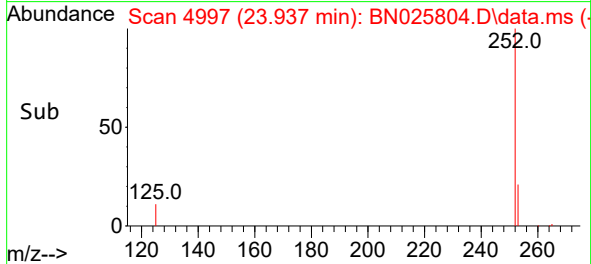


#26
Benzo(a)pyrene
Concen: 16.420 ng/ul
RT: 23.937 min Scan# 4997
Delta R.T. -0.006 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Instrument :
BNA_N
ClientSampleId :

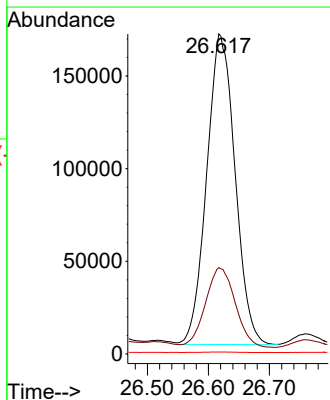
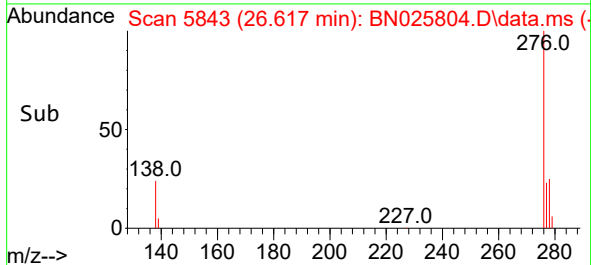
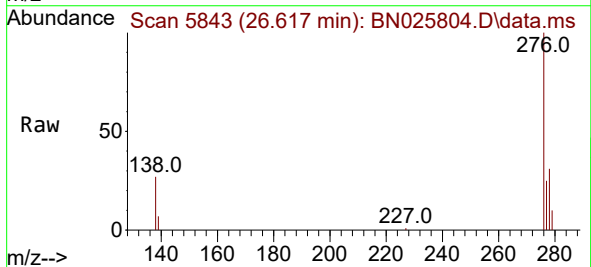


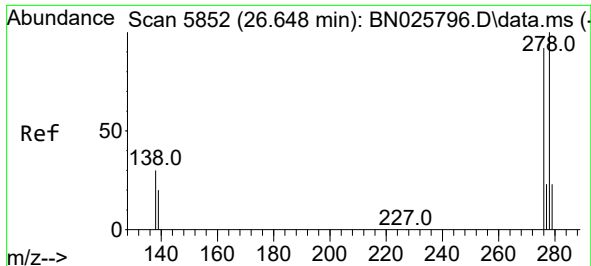
Tgt Ion:252 Resp: 1696270
Ion Ratio Lower Upper
252 100
253 22.6 25.8 38.8#
125 12.7 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.594 ng/ul
RT: 26.617 min Scan# 5843
Delta R.T. -0.041 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

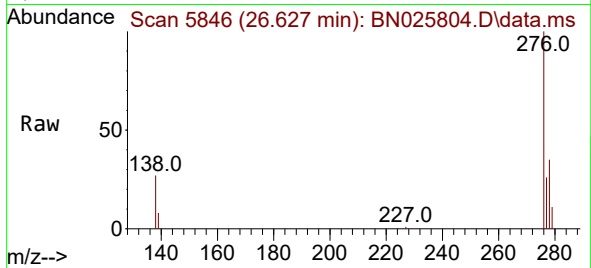
Tgt Ion:276 Resp: 541082
Ion Ratio Lower Upper
276 100
138 27.0 24.6 36.8
227 0.2 0.0 0.0#



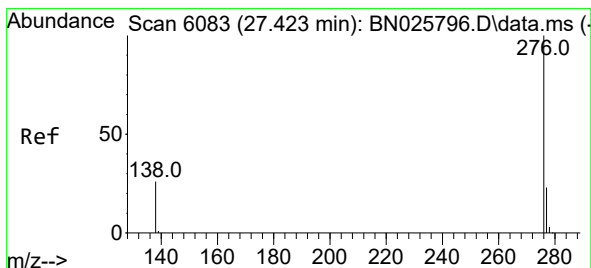
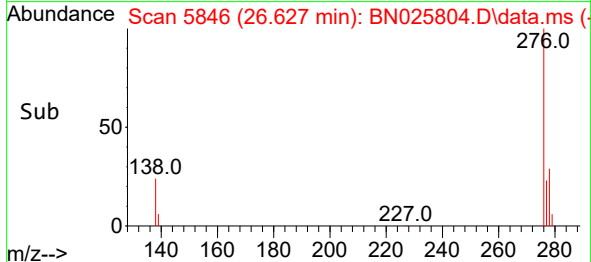
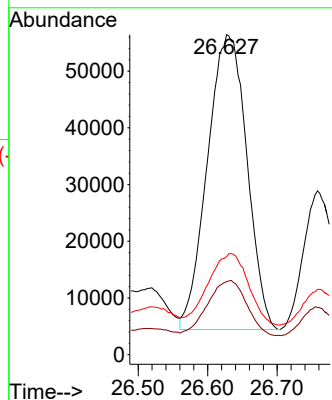


#28
Dibenzo(a,h)anthracene
Concen: 2.300 ng/ul
RT: 26.627 min Scan# 5846
Delta R.T. -0.058 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 205148
Ion Ratio Lower Upper
278 100
139 22.8 17.9 26.9
279 30.6 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 5.045 ng/ul
RT: 27.419 min Scan# 6082
Delta R.T. -0.030 min
Lab File: BN025804.D
Acq: 13 Jun 2023 13:43

Tgt Ion:276 Resp: 533122
Ion Ratio Lower Upper
276 100
138 25.9 21.8 32.8
277 24.3 19.4 29.2

