

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025809.D
 Acq On : 13 Jun 2023 16:44
 Operator : MA/JU
 Sample : 02950-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW985

Quant Time: Jun 13 23:17:34 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)

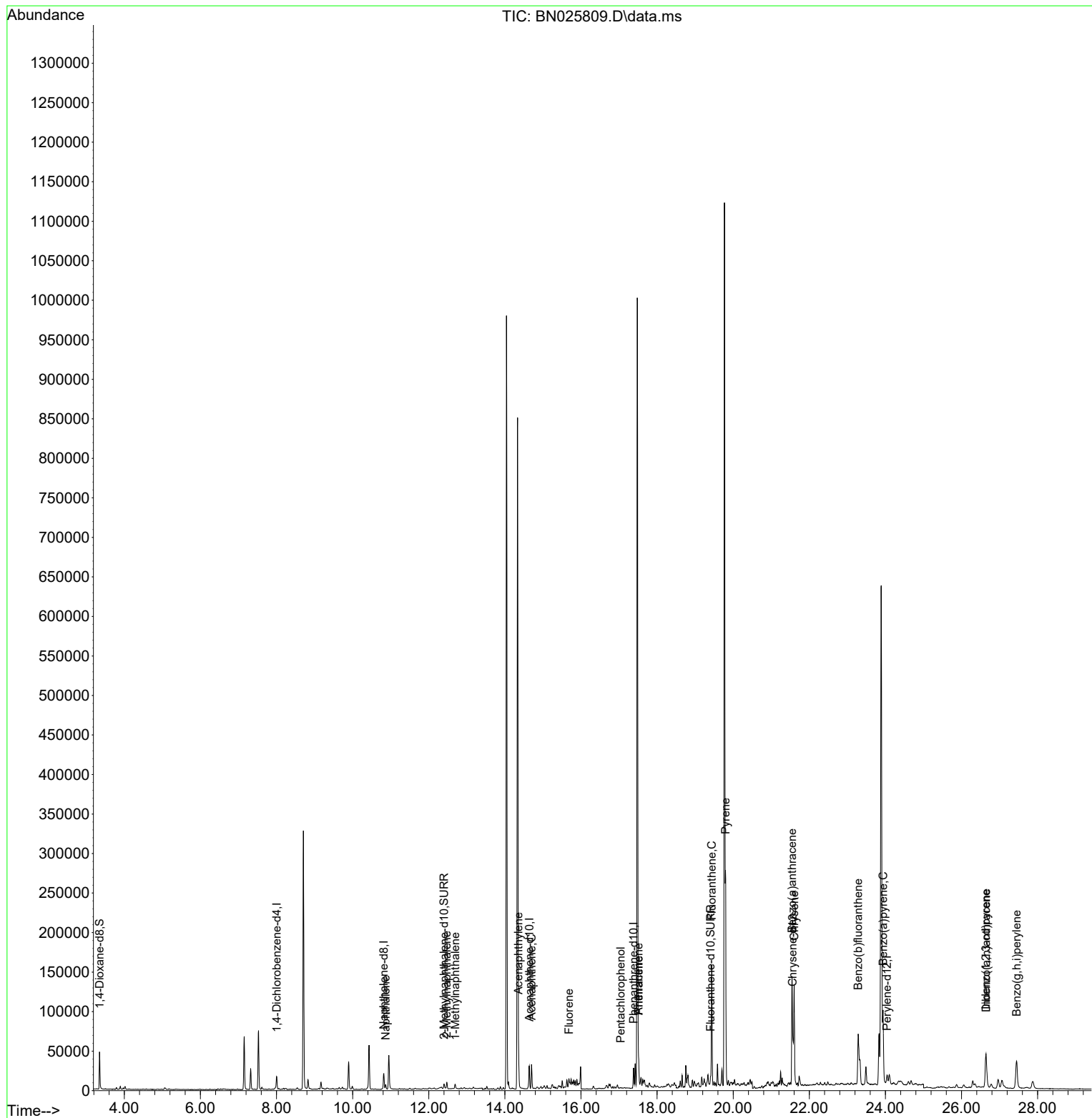
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8928	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	26985	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.640	164	15780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	28628	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.562	240	15340	0.400	ng/ul	# 0.00
23) Perylene-d12	24.044	264	16534	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	29767	3.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7904	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	13694	0.283	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.869	128	7899	0.115	ng/ul#	93
7) 2-Methylnaphthalene	12.475	142	5523	0.134	ng/ul	97
8) 1-Methylnaphthalene	12.695	142	4067	0.090	ng/ul	96
10) Acenaphthylene	14.358	152	38713	0.621	ng/ul	96
11) Acenaphthene	14.701	153	18171	0.349	ng/ul	99
12) Fluorene	15.686	166	9479	0.163	ng/ul#	90
14) Pentachlorophenol	17.044	266	98	0.032	ng/ul#	70
15) Phenanthrene	17.517	178	31469	0.377	ng/ul	97
16) Anthracene	17.517	178	30969	0.439	ng/ul	96
19) Fluoranthene	19.434	202	132593	1.890	ng/ul	99
20) Pyrene	19.801	202	223089	3.071	ng/ul	98
21) Benzo(a)anthracene	21.544	228	117283	2.398	ng/ul	92
22) Chrysene	21.603	228	145085	2.594	ng/ul	96
24) Benzo(b)fluoranthene	23.283	252	155698	2.302	ng/ul	94
26) Benzo(a)pyrene	23.938	252	126965	2.215	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.642	276	67311	1.030	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.649	278	20810	0.421	ng/ul#	93
29) Benzo(g,h,i)perylene	27.447	276	74621	1.273	ng/ul	99

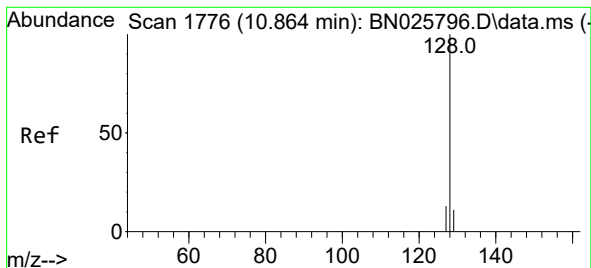
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
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#5

Naphthalene

Concen: 0.115 ng/ul

RT: 10.869 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

Instrument :

BNA_N

ClientSampleId :

EW985

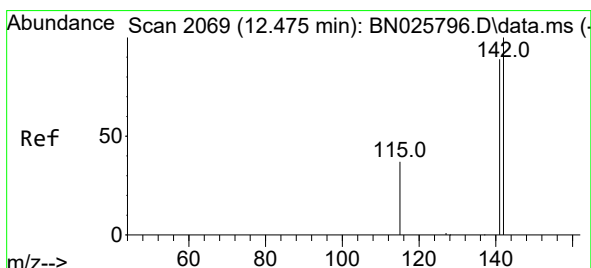
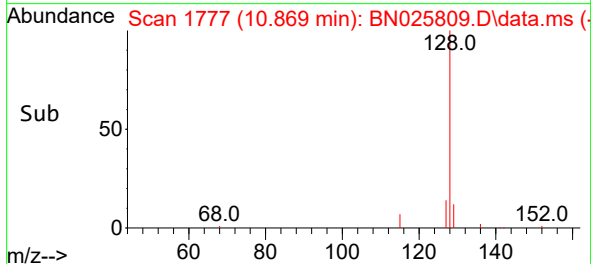
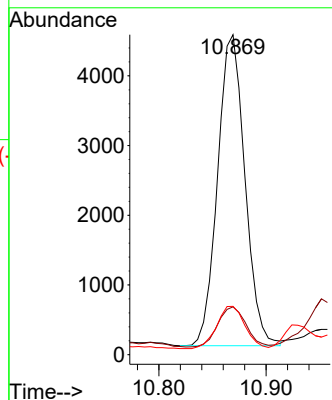
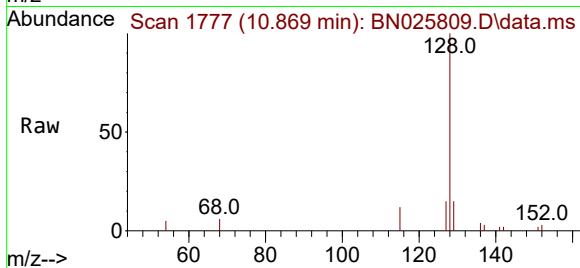
Tgt Ion:128 Resp: 7899

Ion Ratio Lower Upper

128 100

129 14.9 9.1 13.7#

127 15.1 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.134 ng/ul

RT: 12.475 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN025809.D

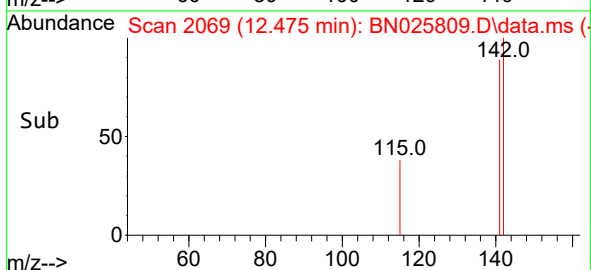
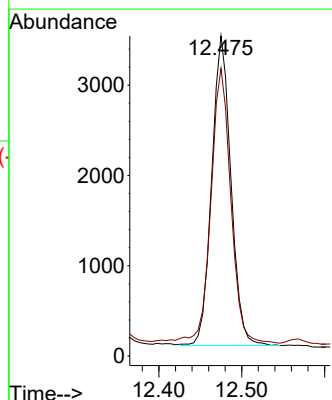
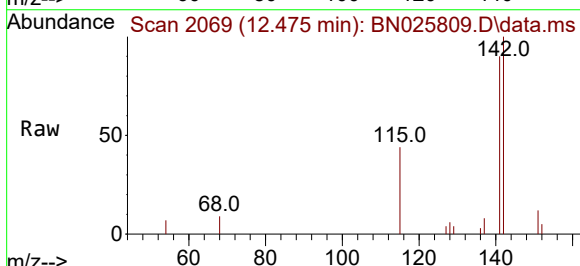
Acq: 13 Jun 2023 16:44

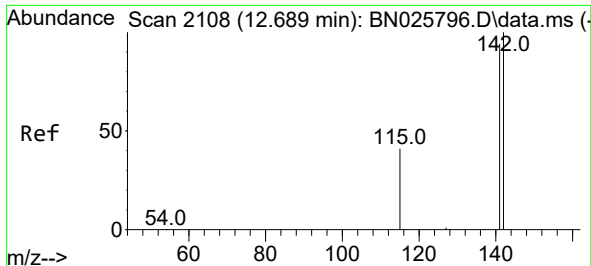
Tgt Ion:142 Resp: 5523

Ion Ratio Lower Upper

142 100

141 92.3 71.4 107.2

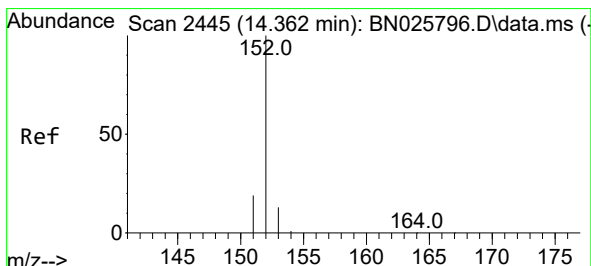
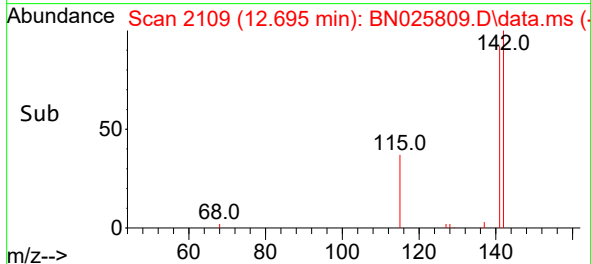
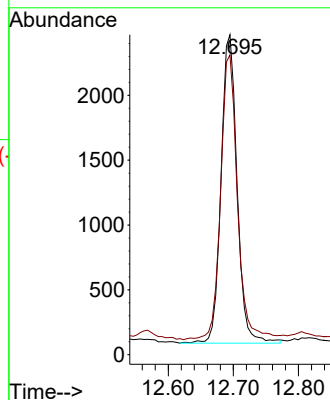
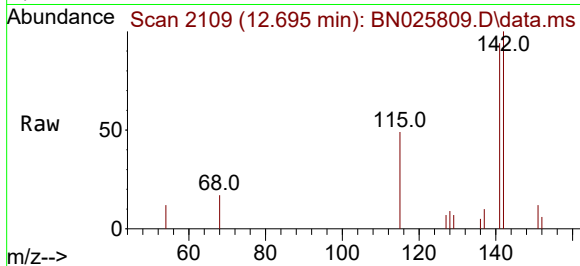




#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

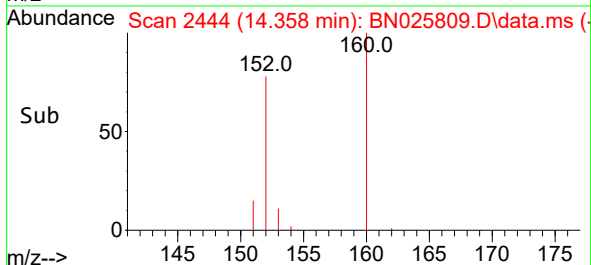
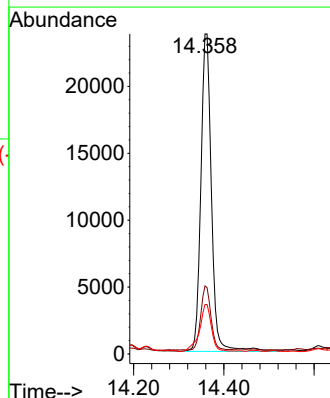
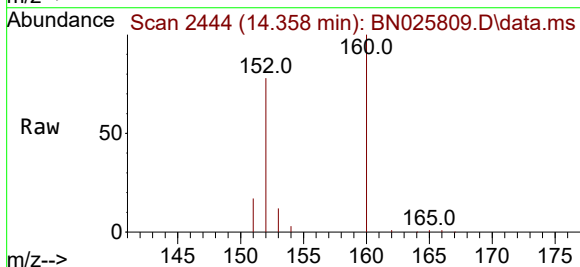
Instrument :
BNA_N
ClientSampleId :
EW985

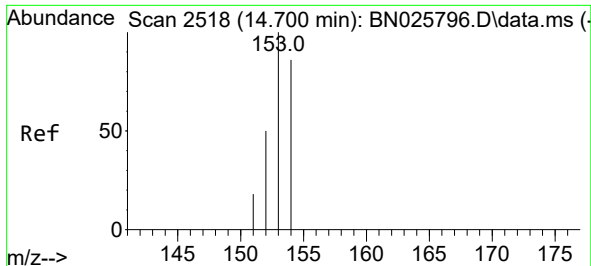
Tgt Ion:142 Resp: 4067
Ion Ratio Lower Upper
142 100
141 96.5 74.0 111.0



#10
Acenaphthylene
Concen: 0.621 ng/ul
RT: 14.358 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Tgt Ion:152 Resp: 38713
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 15.5 10.7 16.1

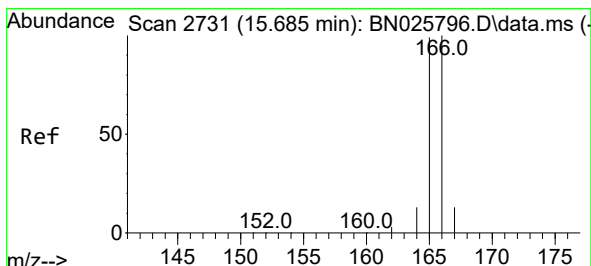
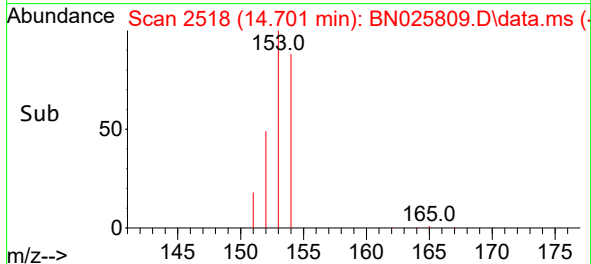
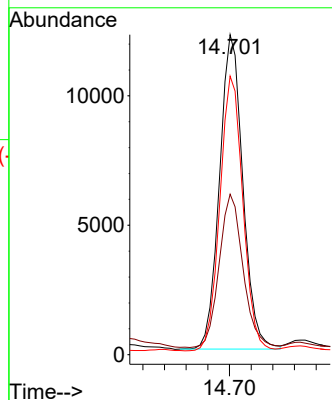
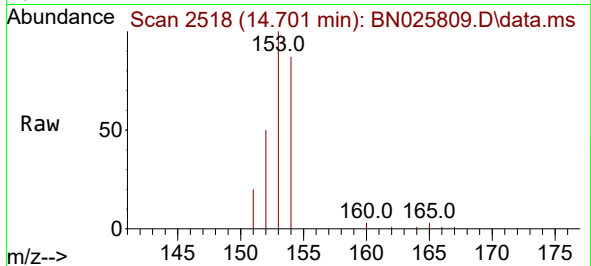




#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.701 min Scan# 218
Delta R.T. -0.004 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

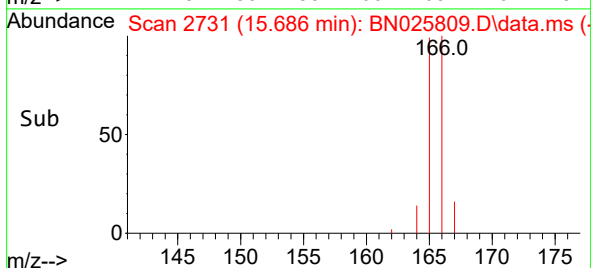
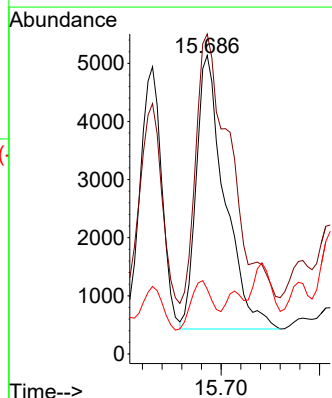
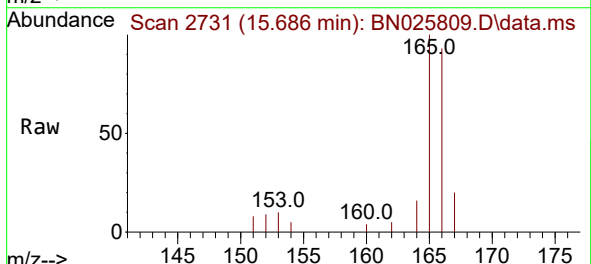
Instrument :
BNA_N
ClientSampleId :
EW985

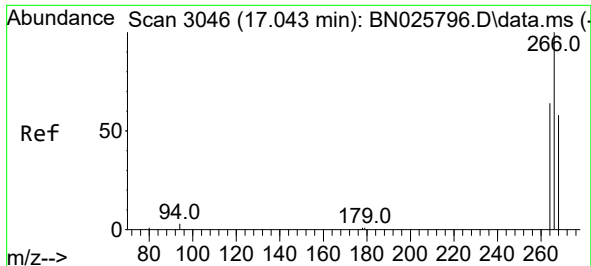
Tgt Ion:153 Resp: 18171
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 87.1 68.8 103.2



#12
Fluorene
Concen: 0.163 ng/ul
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Tgt Ion:166 Resp: 9479
Ion Ratio Lower Upper
166 100
165 107.2 79.2 118.8
167 21.7 11.0 16.6#

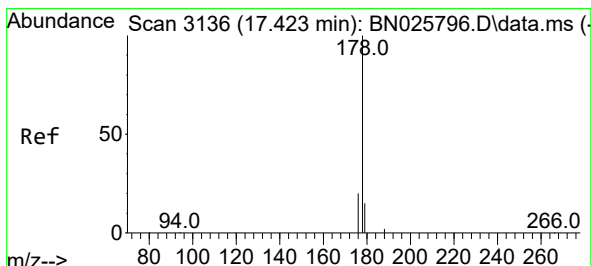
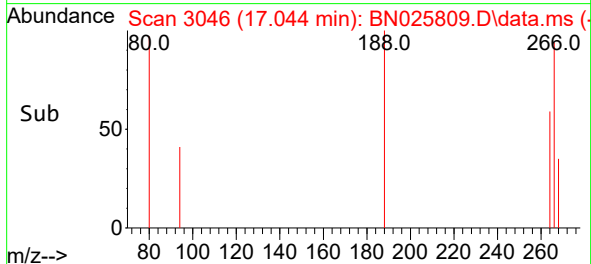
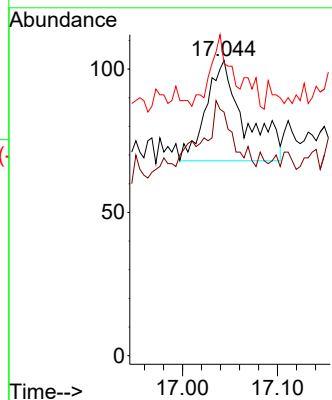
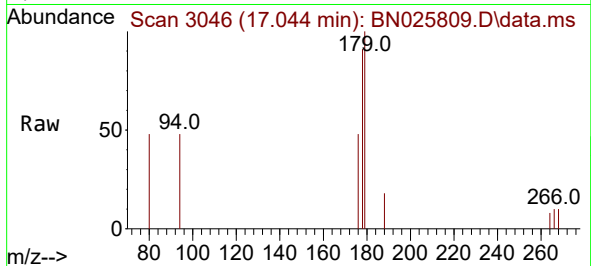




#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 17.044 min Scan# 3046
Delta R.T. -0.012 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

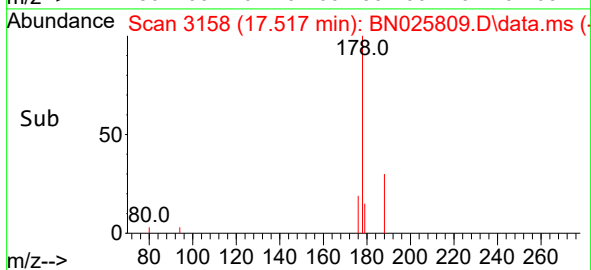
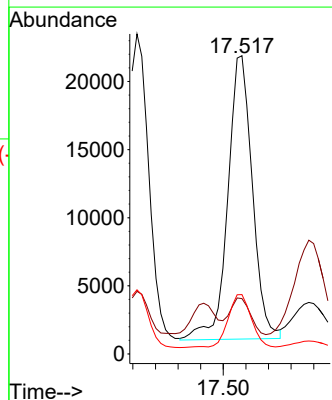
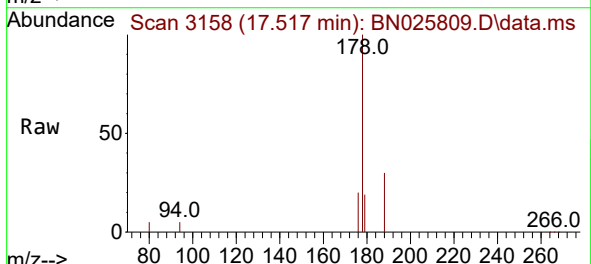
Instrument :
BNA_N
ClientSampleId :
EW985

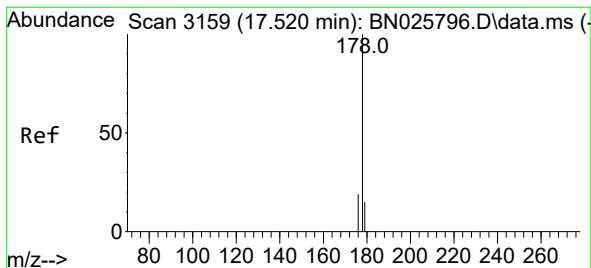
Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 38.8 48.2 72.4#
268 36.7 48.2 72.4#



#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. 0.085 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Tgt Ion:178 Resp: 31469
Ion Ratio Lower Upper
178 100
179 18.6 12.6 18.8
176 19.9 15.8 23.8





#16

Anthracene

Concen: 0.439 ng/ul

RT: 17.517 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

Instrument :

BNA_N

ClientSampleId :

EW985

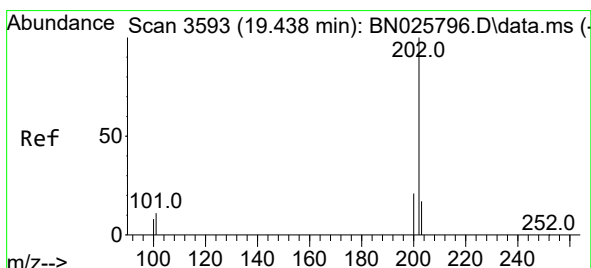
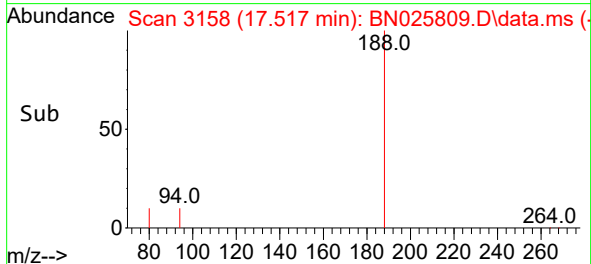
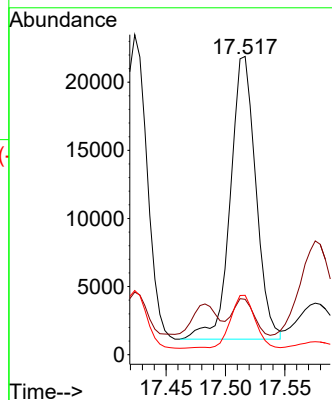
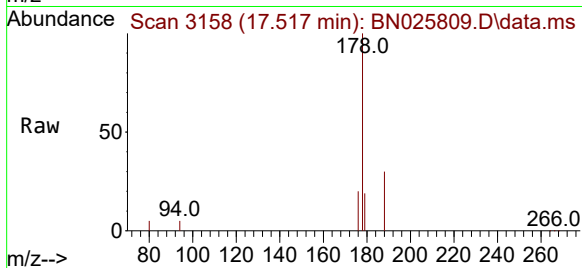
Tgt Ion:178 Resp: 30969

Ion Ratio Lower Upper

178 100

179 18.6 12.6 19.0

176 19.9 15.4 23.2



#19

Fluoranthene

Concen: 1.890 ng/ul

RT: 19.434 min Scan# 3592

Delta R.T. -0.008 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

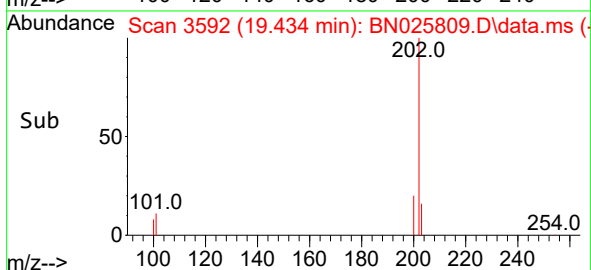
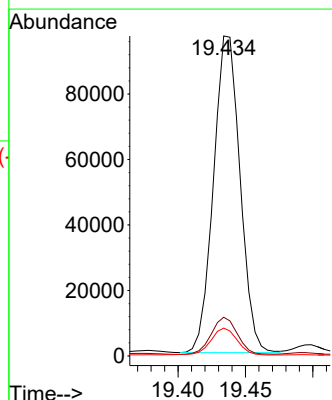
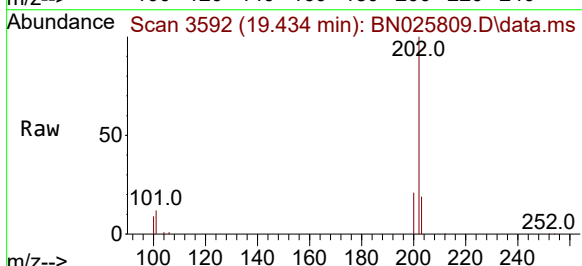
Tgt Ion:202 Resp: 132593

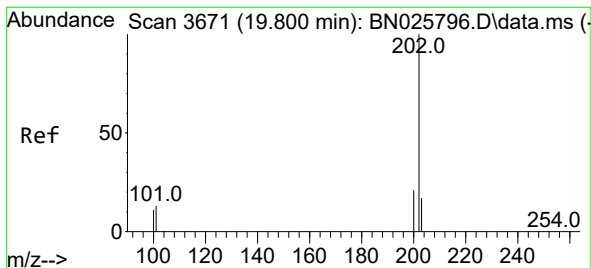
Ion Ratio Lower Upper

202 100

101 12.1 9.1 13.7

100 8.7 7.0 10.6





#20

Pyrene

Concen: 3.071 ng/ul

RT: 19.801 min Scan# 3

Delta R.T. -0.004 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

Instrument :

BNA_N

ClientSampleId :

EW985

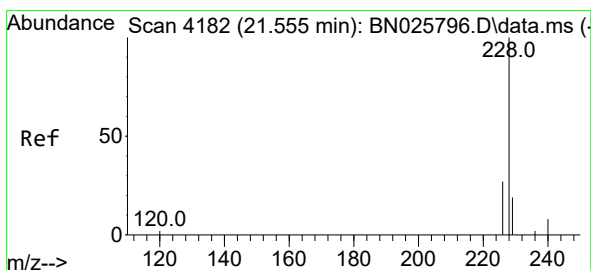
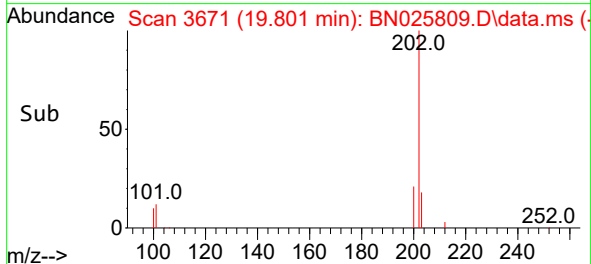
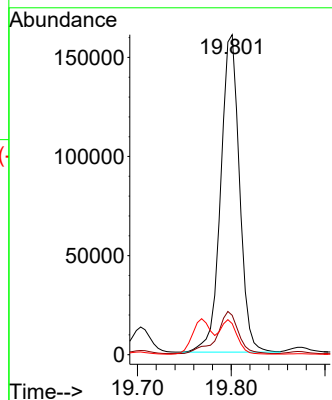
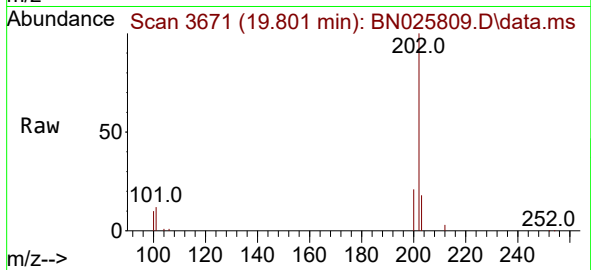
Tgt Ion:202 Resp: 223089

Ion Ratio Lower Upper

202 100

101 12.3 10.4 15.6

100 9.7 8.8 13.2



#21

Benzo(a)anthracene

Concen: 2.398 ng/ul

RT: 21.544 min Scan# 4178

Delta R.T. -0.008 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

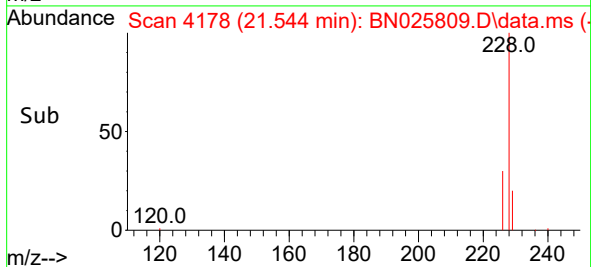
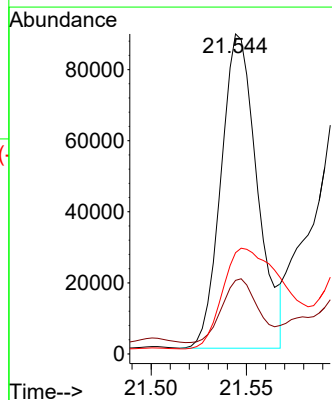
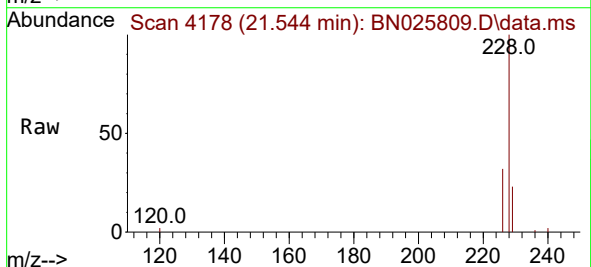
Tgt Ion:228 Resp: 117283

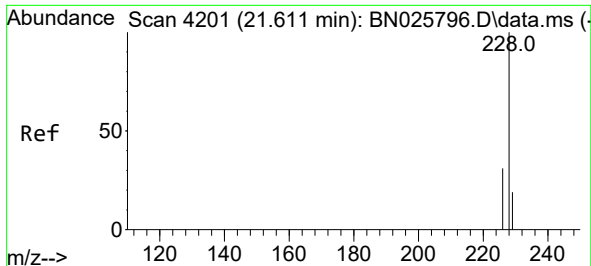
Ion Ratio Lower Upper

228 100

229 23.0 15.5 23.3

226 31.6 22.0 33.0





#22

Chrysene

Concen: 2.594 ng/ul

RT: 21.603 min Scan# 41

Delta R.T. -0.005 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

Instrument :

BNA_N

ClientSampleId :

EW985

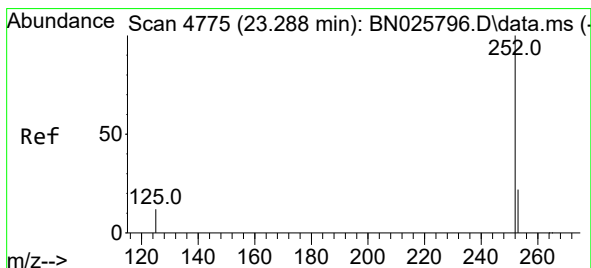
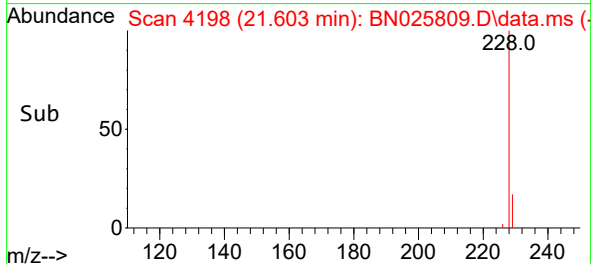
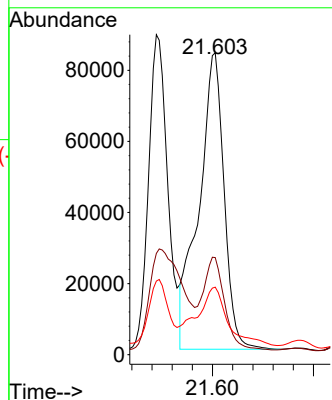
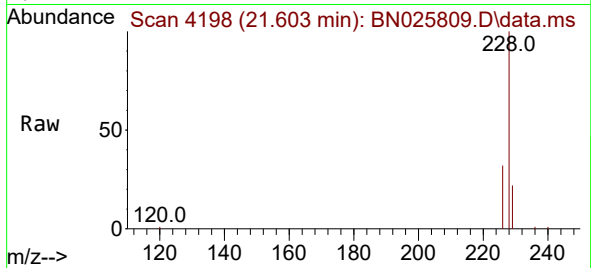
Tgt Ion:228 Resp: 145085

Ion Ratio Lower Upper

228 100

226 32.2 24.7 37.1

229 22.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 2.302 ng/ul

RT: 23.283 min Scan# 4773

Delta R.T. -0.008 min

Lab File: BN025809.D

Acq: 13 Jun 2023 16:44

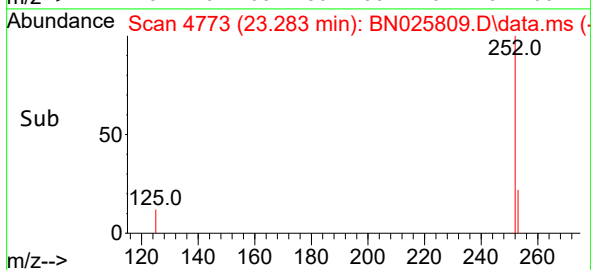
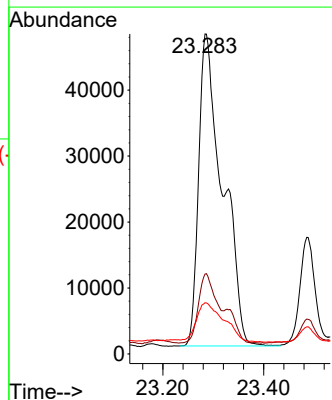
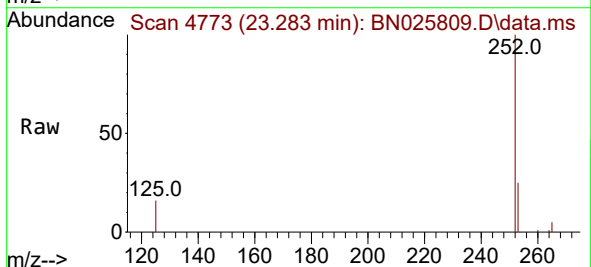
Tgt Ion:252 Resp: 155698

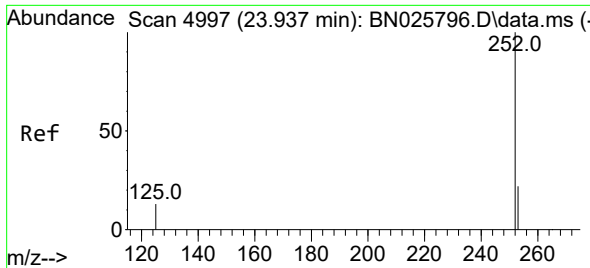
Ion Ratio Lower Upper

252 100

253 24.9 0.0 56.0

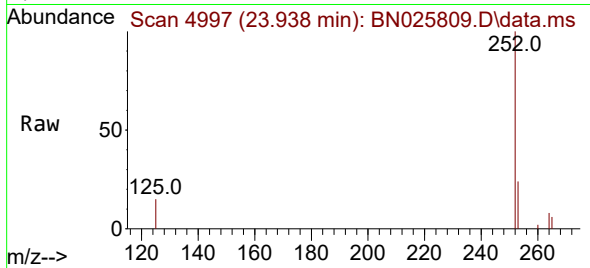
125 16.0 0.0 28.0



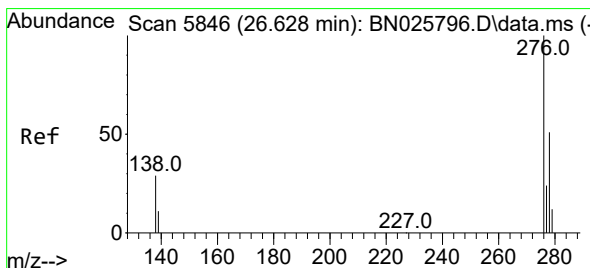
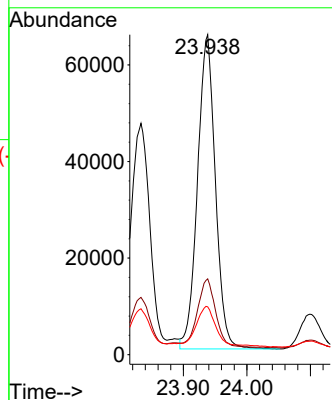
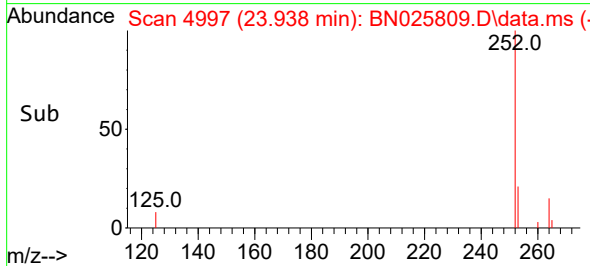


#26
Benzo(a)pyrene
Concen: 2.215 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. -0.005 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Instrument :
BNA_N
ClientSampleId :
EW985

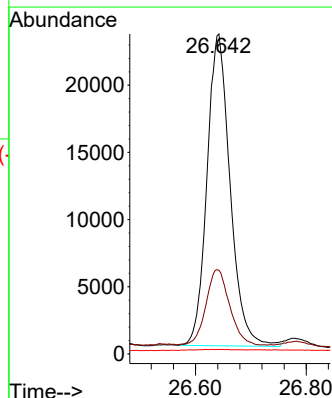
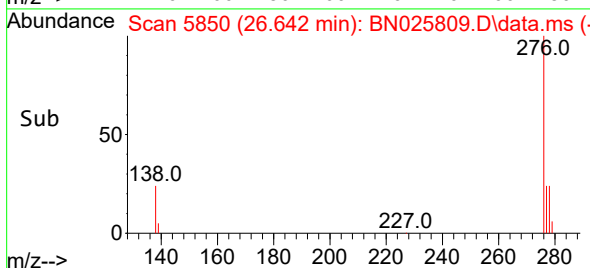
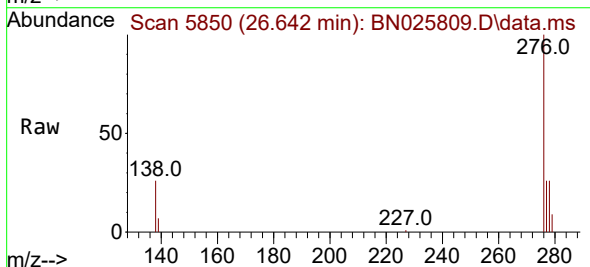


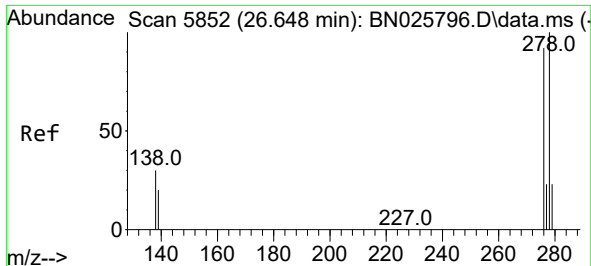
Tgt Ion:252 Resp: 126965
Ion Ratio Lower Upper
252 100
253 23.7 25.8 38.8#
125 15.0 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.030 ng/ul
RT: 26.642 min Scan# 5850
Delta R.T. -0.016 min
Lab File: BN025809.D
Acq: 13 Jun 2023 16:44

Tgt Ion:276 Resp: 67311
Ion Ratio Lower Upper
276 100
138 25.0 24.6 36.8
227 0.3 0.0 0.0#

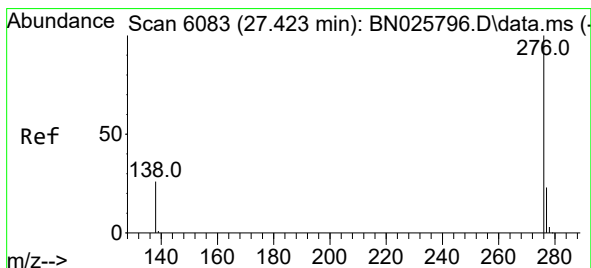
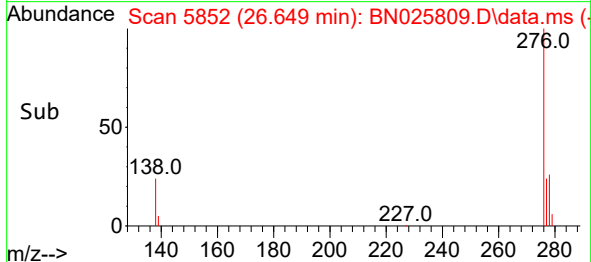
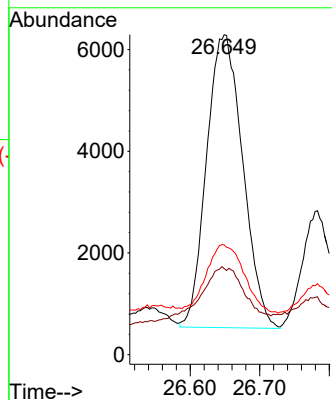
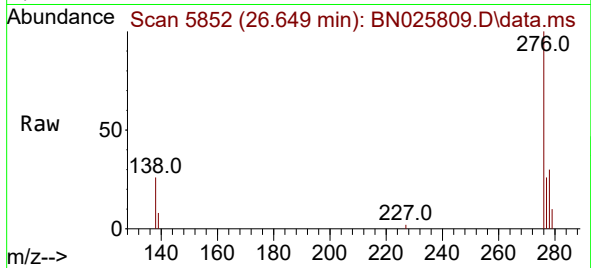




#28
 Dibenzo(a,h)anthracene
 Concen: 0.421 ng/ul
 RT: 26.649 min Scan# 5852
 Delta R.T. -0.036 min
 Lab File: BN025809.D
 Acq: 13 Jun 2023 16:44

Instrument :
 BNA_N
 ClientSampleId :
 EW985

Tgt Ion:278 Resp: 20810
 Ion Ratio Lower Upper
 278 100
 139 26.9 17.9 26.9#
 279 34.3 25.3 37.9



#29
 Benzo(g,h,i)perylene
 Concen: 1.273 ng/ul
 RT: 27.447 min Scan# 6090
 Delta R.T. -0.002 min
 Lab File: BN025809.D
 Acq: 13 Jun 2023 16:44

Tgt Ion:276 Resp: 74621
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.8 32.8
 277 24.9 19.4 29.2

