

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025381.D
 Acq On : 10 May 2023 15:13
 Operator : CG/JU
 Sample : 02479-14RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW973RE

Quant Time: May 11 01:11:39 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

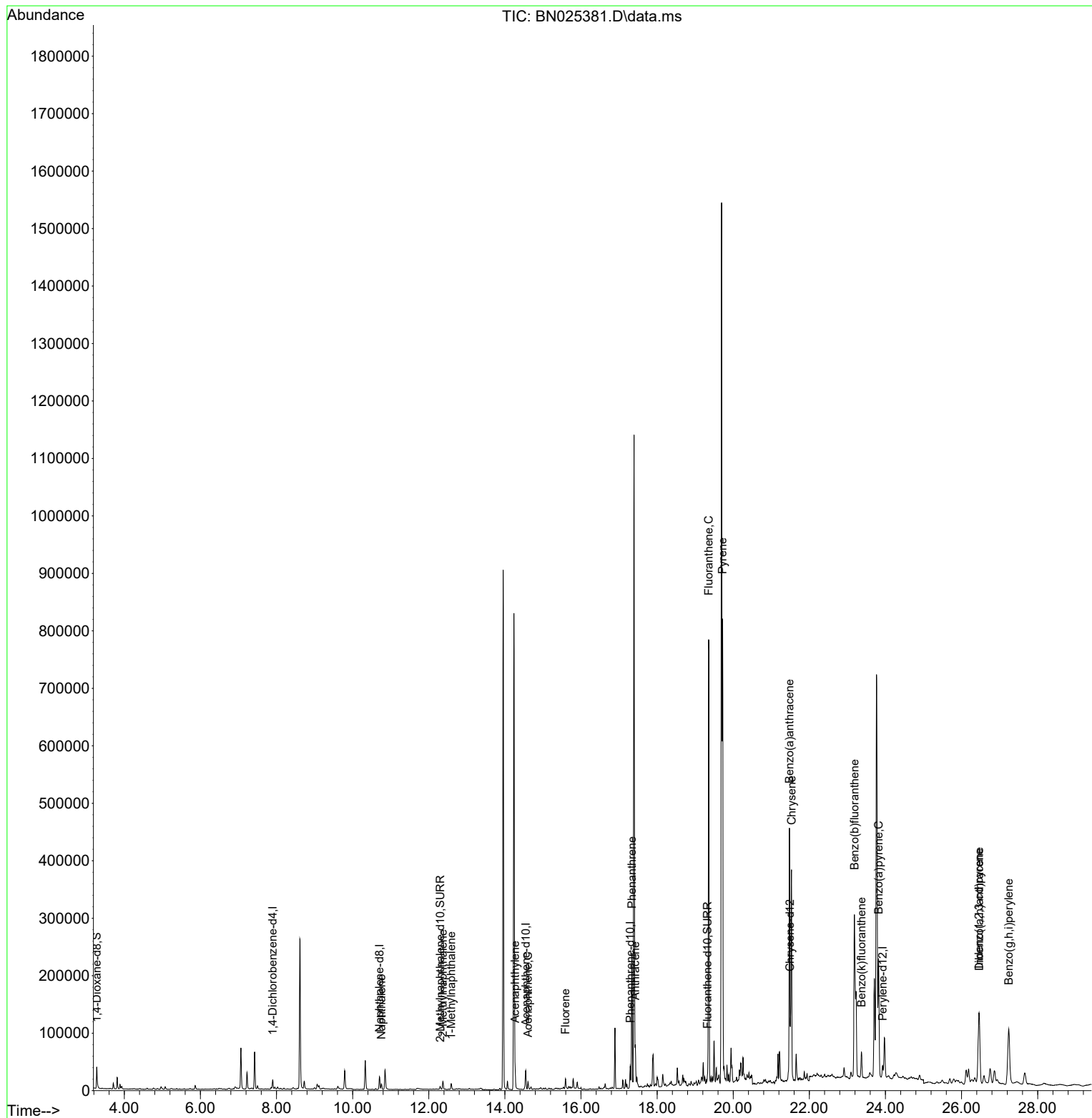
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	29231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	18394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	41841	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.493	240	29062	0.400	ng/ul	# 0.00
23) Perylene-d12	23.925	264	25868	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21938	2.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	6870	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	18000	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	12950	0.173	ng/ul	97
7) 2-Methylnaphthalene	12.370	142	10208	0.223	ng/ul	97
8) 1-Methylnaphthalene	12.590	142	7273	0.149	ng/ul	99
10) Acenaphthylene	14.269	152	27065	0.395	ng/ul#	95
11) Acenaphthene	14.607	153	7769	0.135	ng/ul	99
12) Fluorene	15.592	166	11094	0.172	ng/ul#	93
15) Phenanthrene	17.338	178	240647	2.038	ng/ul	99
16) Anthracene	17.427	178	69473	0.719	ng/ul	99
19) Fluoranthene	19.354	202	668509	6.361	ng/ul	98
20) Pyrene	19.721	202	640033	5.927	ng/ul	99
21) Benzo(a)anthracene	21.476	228	371894	4.247	ng/ul	98
22) Chrysene	21.531	228	375144	3.927	ng/ul	97
24) Benzo(b)fluoranthene	23.186	252	635185	6.052	ng/ul	98
25) Benzo(k)fluoranthene	23.370	252	39237	0.389	ng/ul#	73
26) Benzo(a)pyrene	23.820	252	312912	3.604	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.460	276	222551	2.224	ng/ul	94
28) Dibenzo(a,h)anthracene	26.466	278	58372	0.747	ng/ul#	85
29) Benzo(g,h,i)perylene	27.241	276	239374	2.814	ng/ul	99

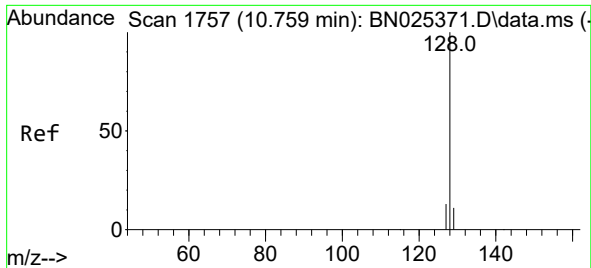
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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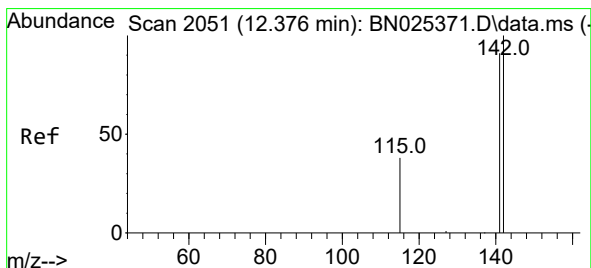
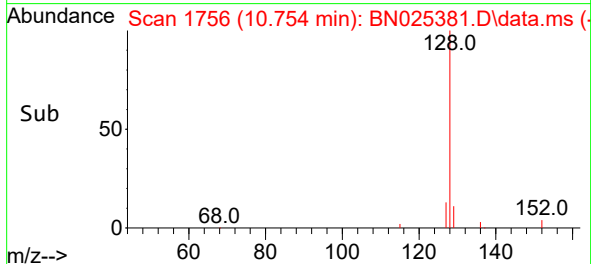
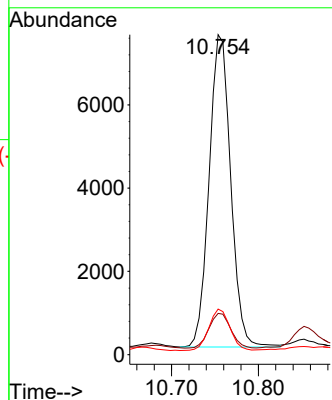
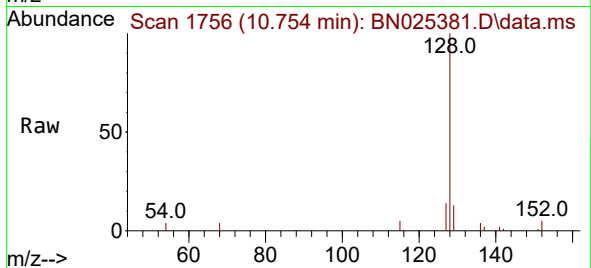




#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

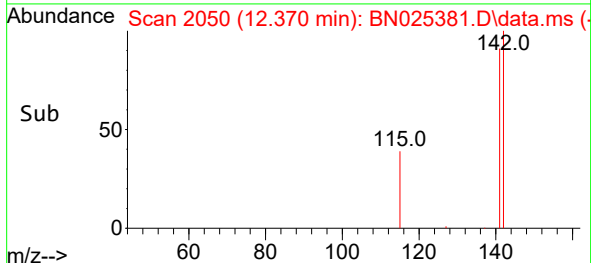
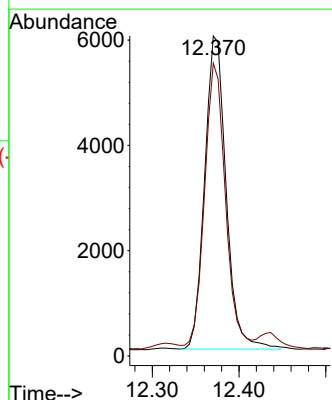
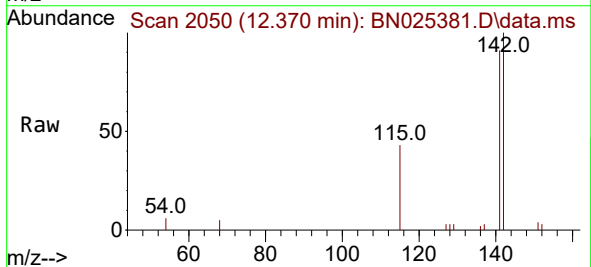
Instrument :
BNA_N
ClientSampleId :
EW973RE

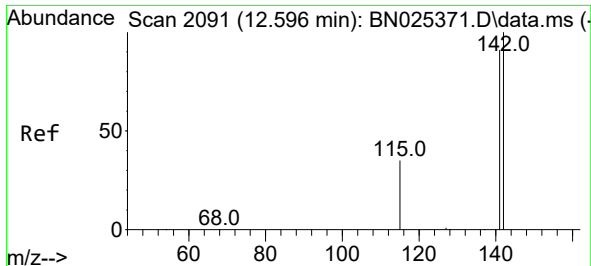
Tgt Ion:128 Resp: 12950
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 14.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.370 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Tgt Ion:142 Resp: 10208
Ion Ratio Lower Upper
142 100
141 86.7 71.4 107.0

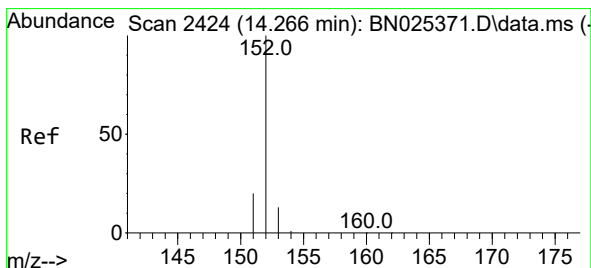
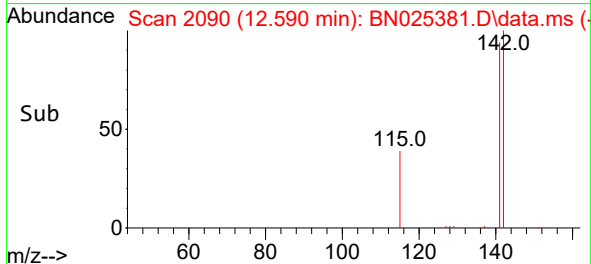
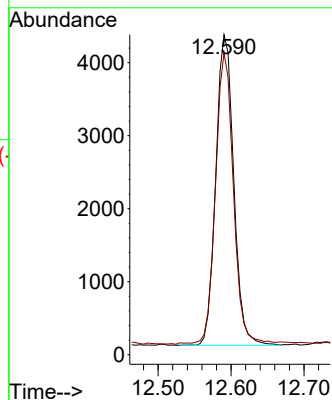
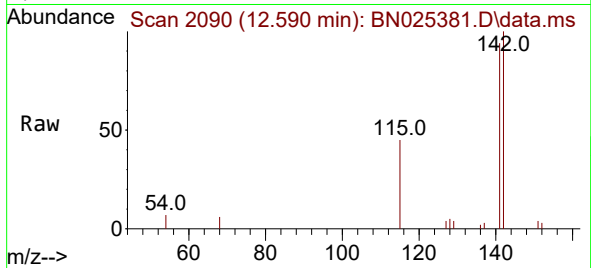




#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.590 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

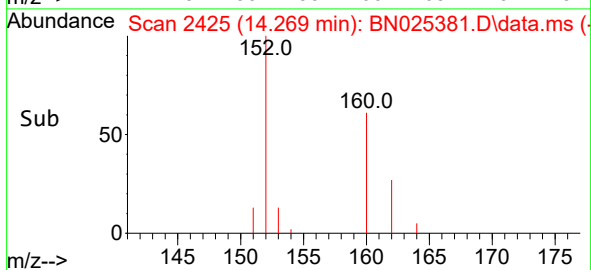
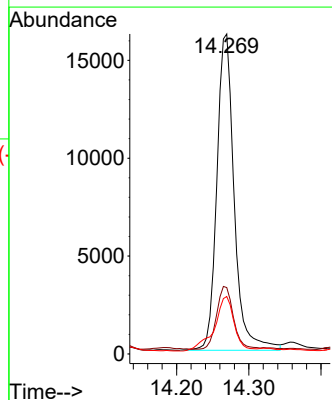
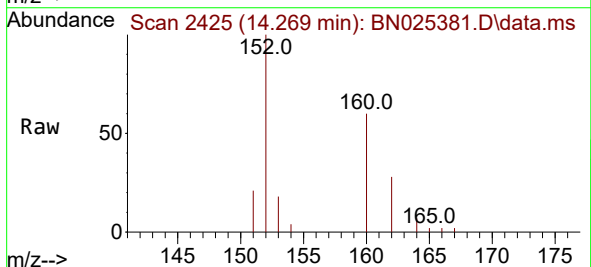
Instrument :
BNA_N
ClientSampleId :
EW973RE

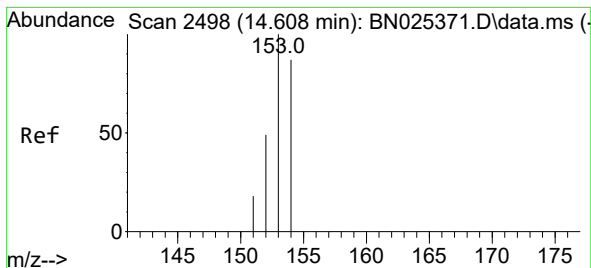
Tgt Ion:142 Resp: 7273
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.6



#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. 0.004 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Tgt Ion:152 Resp: 27065
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 18.0 10.8 16.2#





#11

Acenaphthene

Concen: 0.135 ng/ul

RT: 14.607 min Scan# 2498

Delta R.T. -0.001 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

EW973RE

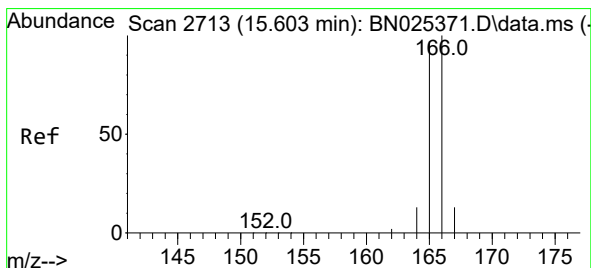
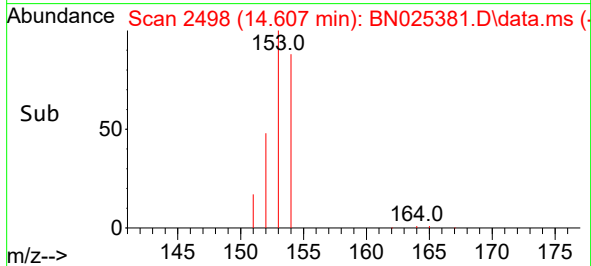
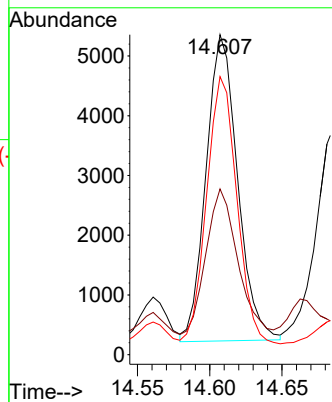
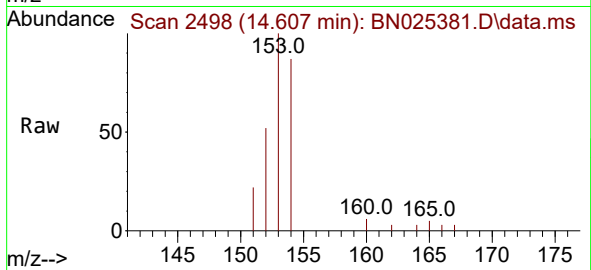
Tgt Ion:153 Resp: 7769

Ion Ratio Lower Upper

153 100

152 51.8 40.2 60.4

154 86.9 69.4 104.2



#12

Fluorene

Concen: 0.172 ng/ul

RT: 15.592 min Scan# 2711

Delta R.T. -0.010 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

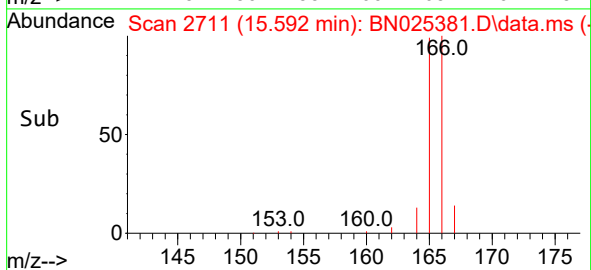
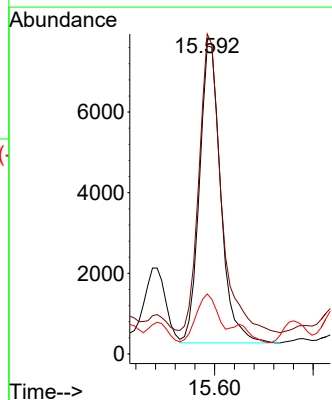
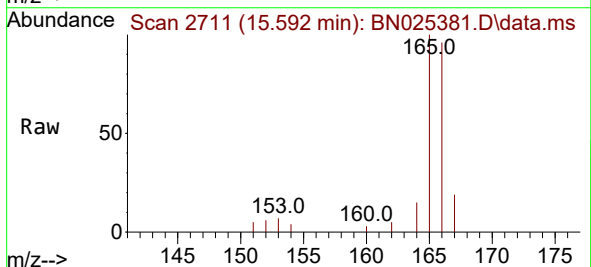
Tgt Ion:166 Resp: 11094

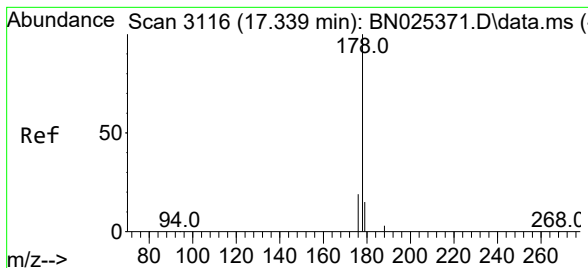
Ion Ratio Lower Upper

166 100

165 103.9 78.1 117.1

167 19.5 11.0 16.6#





#15

Phenanthrene

Concen: 2.038 ng/ul

RT: 17.338 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

EW973RE

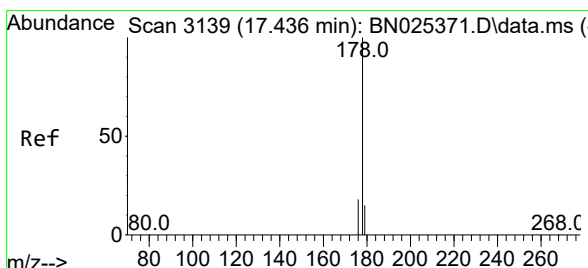
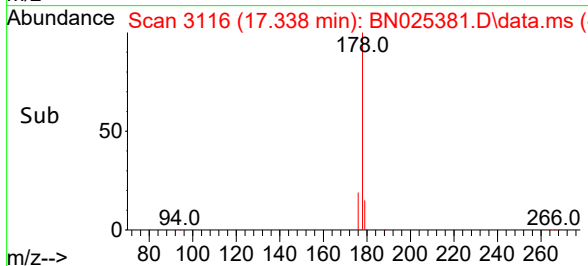
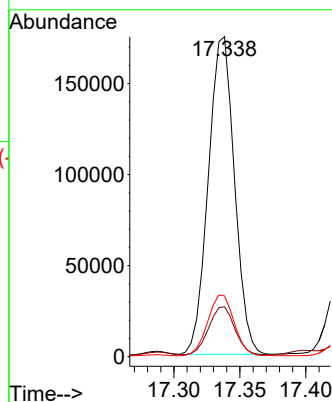
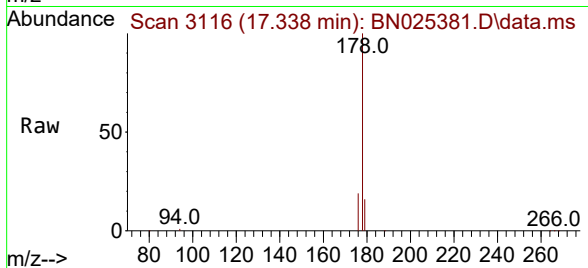
Tgt Ion:178 Resp: 240647

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.0 15.6 23.4



#16

Anthracene

Concen: 0.719 ng/ul

RT: 17.427 min Scan# 3137

Delta R.T. -0.009 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

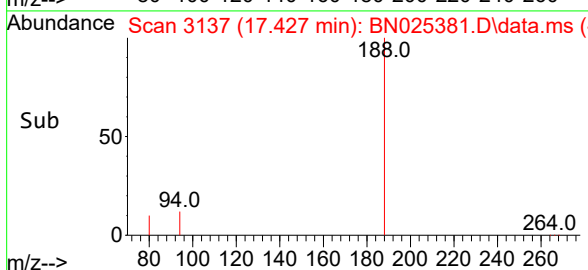
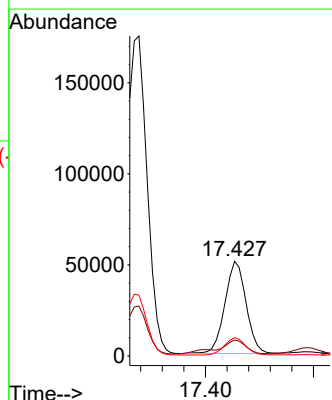
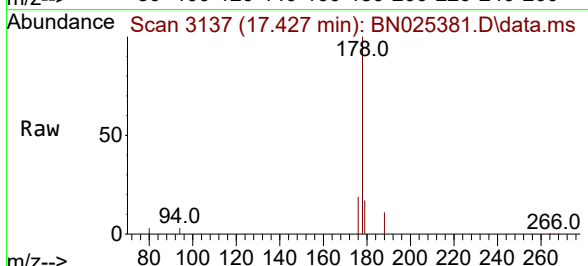
Tgt Ion:178 Resp: 69473

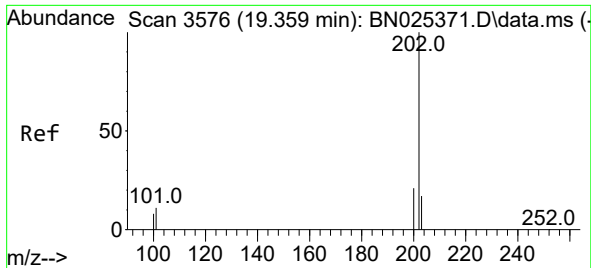
Ion Ratio Lower Upper

178 100

179 16.7 12.7 19.1

176 19.3 15.3 22.9

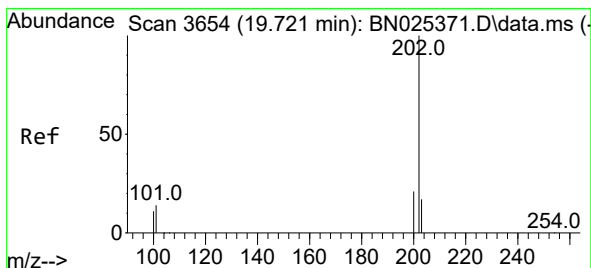
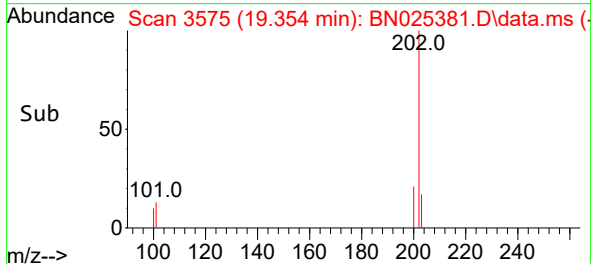
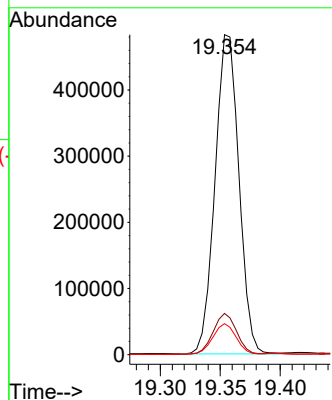
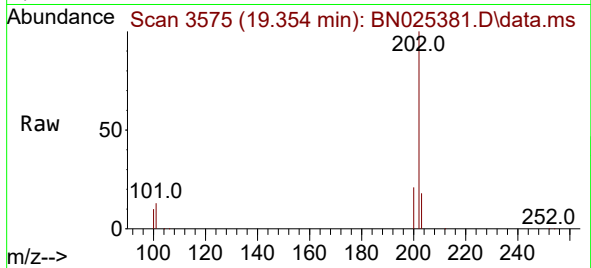




#19
Fluoranthene
Concen: 6.361 ng/ul
RT: 19.354 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

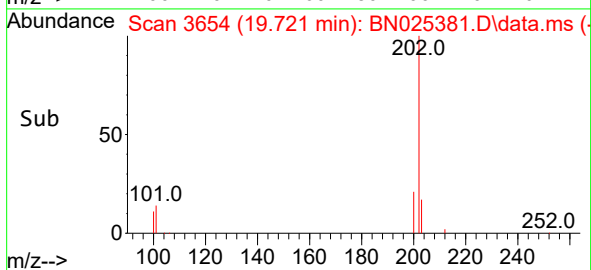
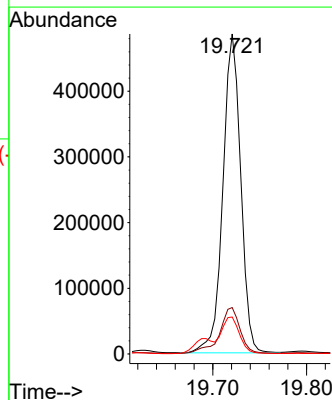
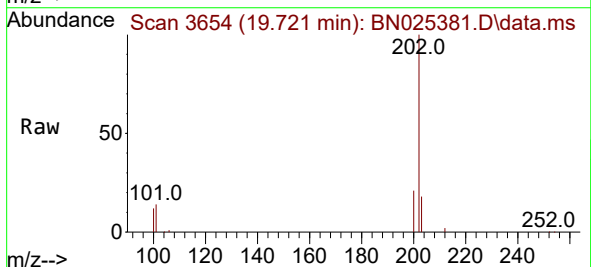
Instrument :
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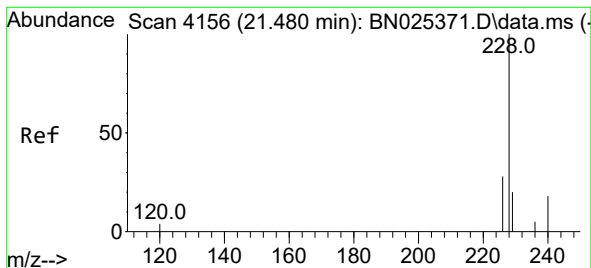
Tgt Ion:202 Resp: 668509
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.3 10.9



#20
Pyrene
Concen: 5.927 ng/ul
RT: 19.721 min Scan# 3654
Delta R.T. -0.001 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Tgt Ion:202 Resp: 640033
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.6 9.2 13.8





#21

Benzo(a)anthracene

Concen: 4.247 ng/ul

RT: 21.476 min Scan# 4156

Delta R.T. -0.004 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

EW973RE

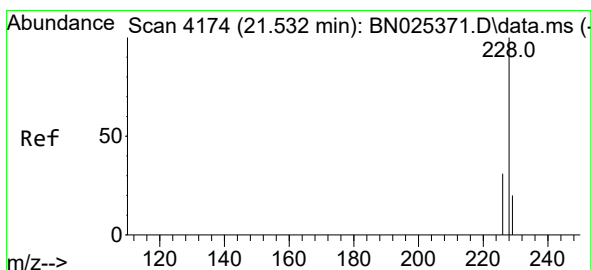
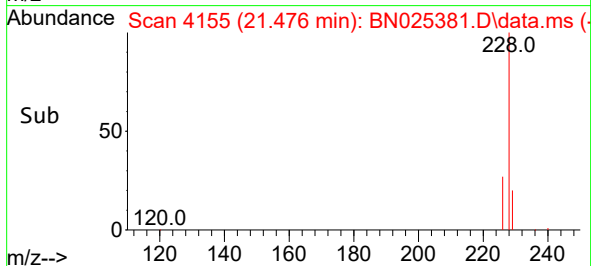
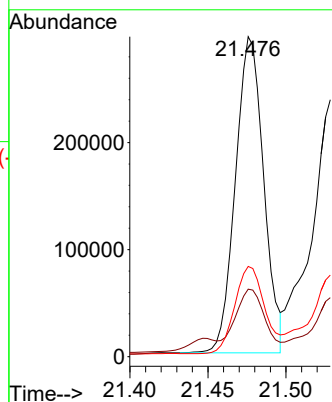
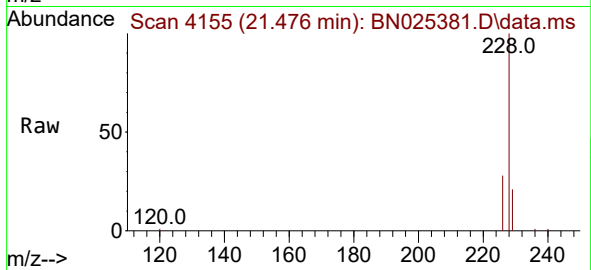
Tgt Ion:228 Resp: 371894

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

226 28.2 22.1 33.1



#22

Chrysene

Concen: 3.927 ng/ul

RT: 21.531 min Scan# 4174

Delta R.T. -0.001 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

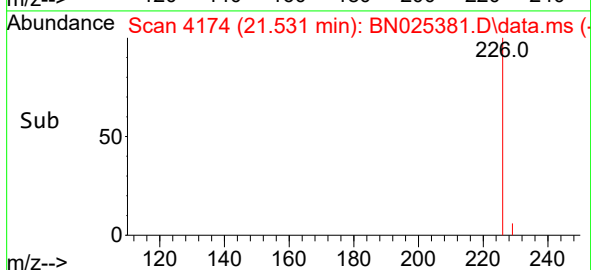
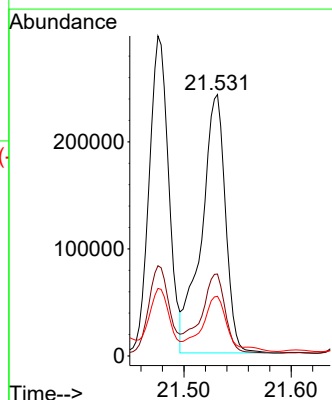
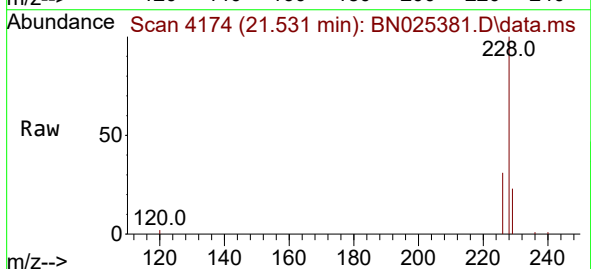
Tgt Ion:228 Resp: 375144

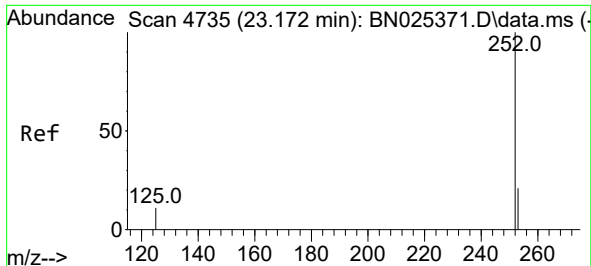
Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

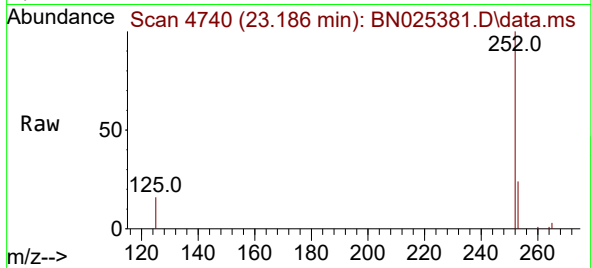
229 22.8 15.8 23.6



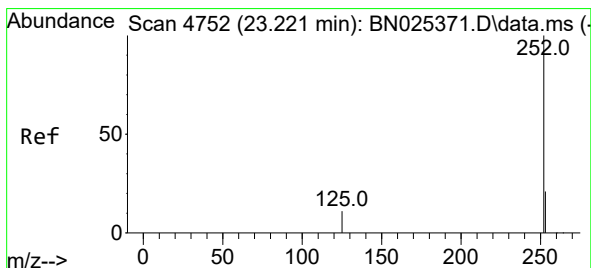
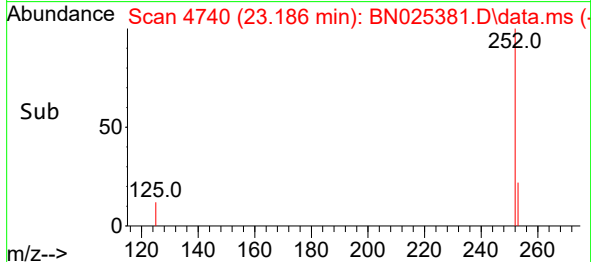
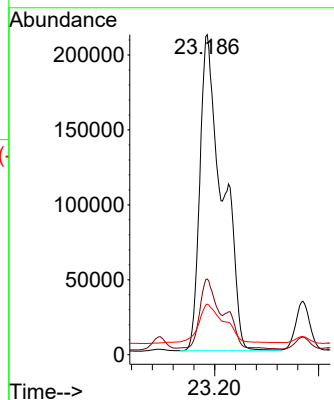


#24
Benzo(b)fluoranthene
Concen: 6.052 ng/ul
RT: 23.186 min Scan# 41
Delta R.T. 0.014 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Instrument :
BNA_N
ClientSampleId :
EW973RE

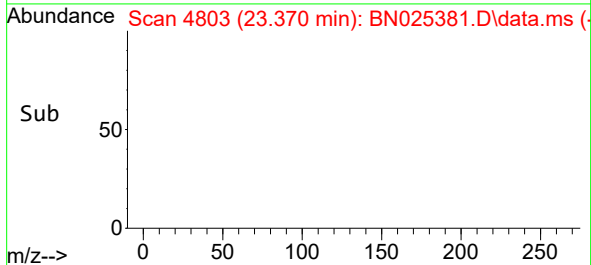
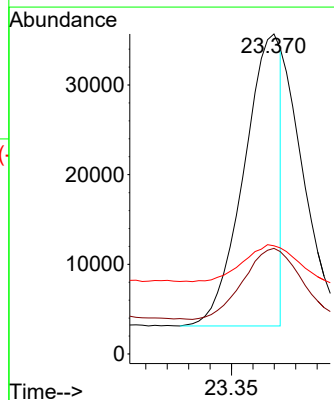
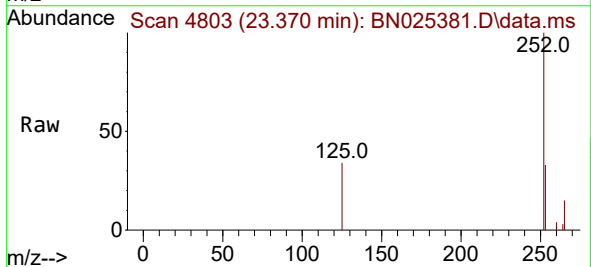


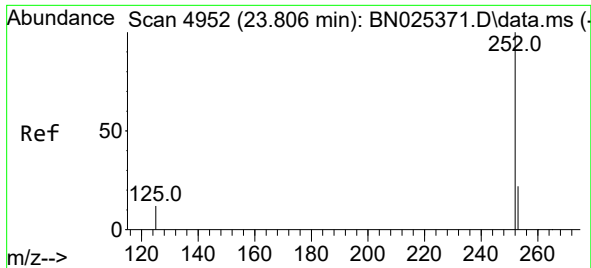
Tgt Ion:252 Resp: 635185
Ion Ratio Lower Upper
252 100
253 23.7 0.0 50.2
125 15.8 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.370 min Scan# 4803
Delta R.T. 0.148 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

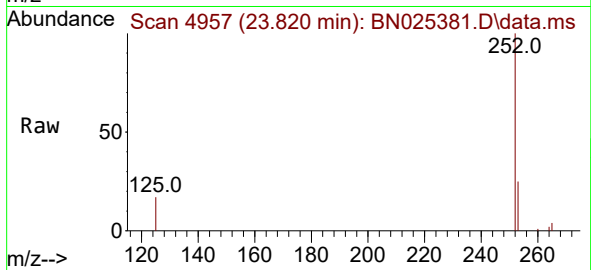
Tgt Ion:252 Resp: 39237
Ion Ratio Lower Upper
252 100
253 33.0 20.2 30.4#
125 33.8 11.8 17.8#



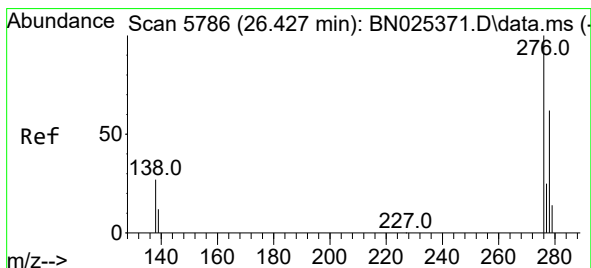
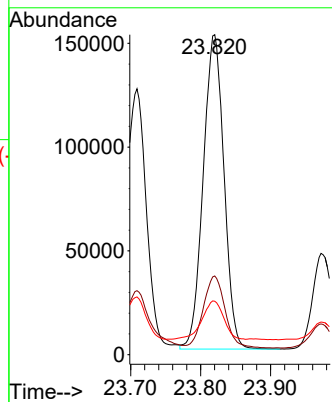
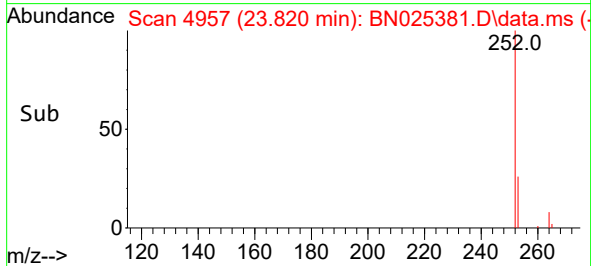


#26
Benzo(a)pyrene
Concen: 3.604 ng/ul
RT: 23.820 min Scan# 4957
Delta R.T. 0.014 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Instrument :
BNA_N
ClientSampleId :
EW973RE

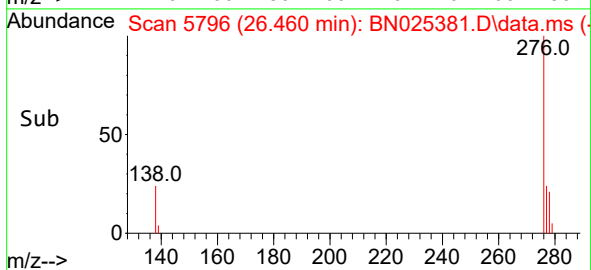
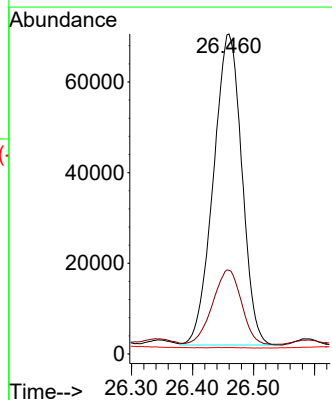
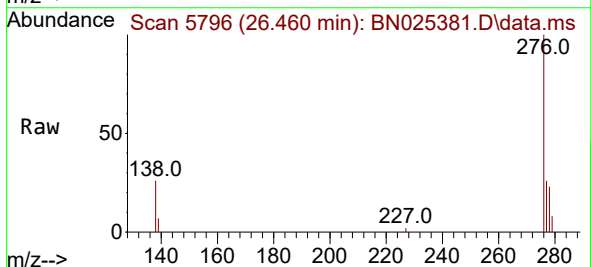


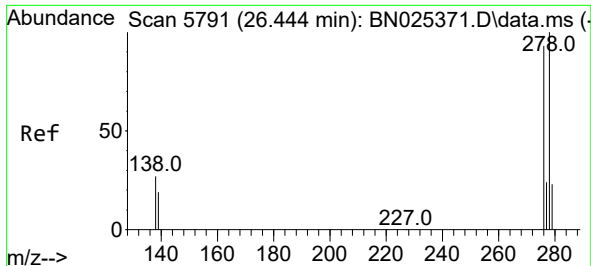
Tgt Ion:252 Resp: 312912
Ion Ratio Lower Upper
252 100
253 24.6 21.4 32.2
125 16.7 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.224 ng/ul
RT: 26.460 min Scan# 5796
Delta R.T. 0.033 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

Tgt Ion:276 Resp: 222551
Ion Ratio Lower Upper
276 100
138 24.2 21.9 32.9
227 0.1 0.1 0.1

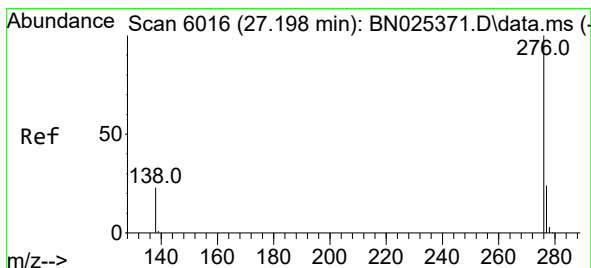
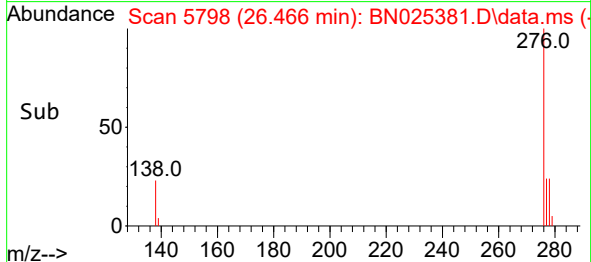
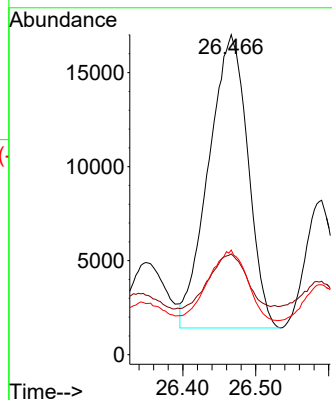
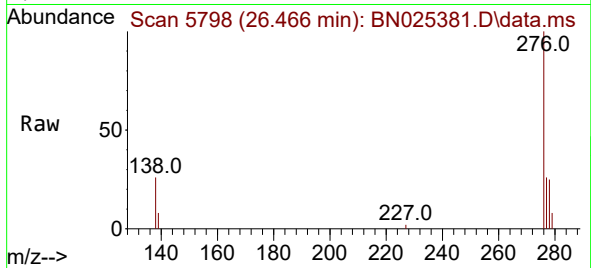




#28
 Dibenzo(a,h)anthracene
 Concen: 0.747 ng/ul
 RT: 26.466 min Scan# 51
 Delta R.T. 0.023 min
 Lab File: BN025381.D
 Acq: 10 May 2023 15:13

Instrument :
 BNA_N
 ClientSampleId :
 EW973RE

Tgt Ion:278 Resp: 58372
 Ion Ratio Lower Upper
 278 100
 139 31.5 17.0 25.6#
 279 32.7 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 2.814 ng/ul
 RT: 27.241 min Scan# 6029
 Delta R.T. 0.043 min
 Lab File: BN025381.D
 Acq: 10 May 2023 15:13

Tgt Ion:276 Resp: 239374
 Ion Ratio Lower Upper
 276 100
 138 26.5 20.3 30.5
 277 25.0 19.8 29.6

