

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025380.D
 Acq On : 10 May 2023 14:37
 Operator : CG/JU
 Sample : 02479-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW947

Quant Time: May 11 01:11:28 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)

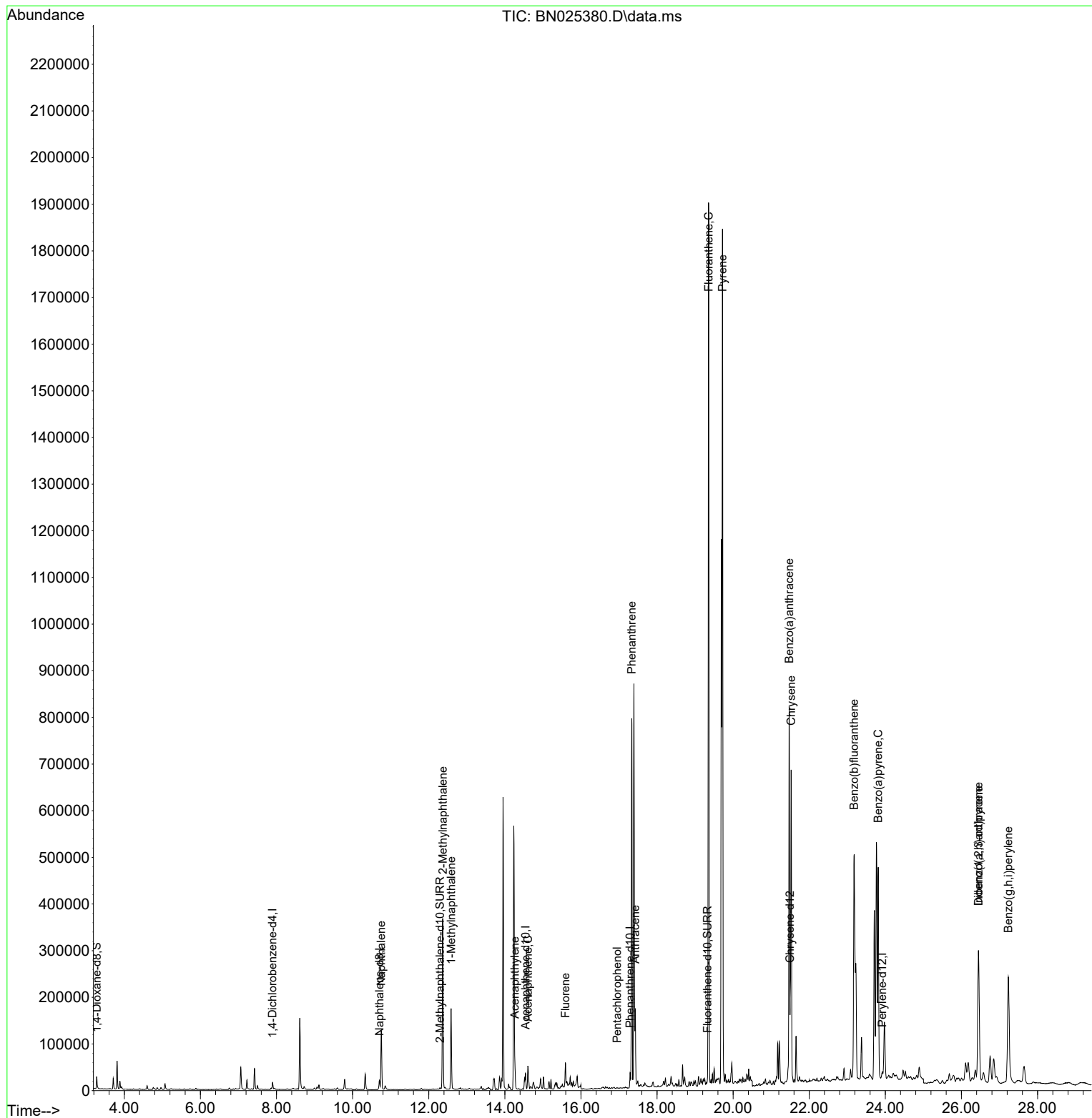
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	8153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.703	136	26257	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	17347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	36187	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.490	240	23977	0.400	ng/ul	# 0.00
23) Perylene-d12	23.919	264	22232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	15419	1.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.298	152	4880	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.325	212	12653	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.752	128	175958	2.615	ng/ul	100
7) 2-Methylnaphthalene	12.369	142	255528	6.201	ng/ul	99
8) 1-Methylnaphthalene	12.589	142	118937	2.708	ng/ul	100
10) Acenaphthylene	14.264	152	49003	0.758	ng/ul#	92
11) Acenaphthene	14.607	153	31234	0.573	ng/ul	100
12) Fluorene	15.592	166	34181	0.561	ng/ul#	95
14) Pentachlorophenol	16.954	266	222	0.031	ng/ul	97
15) Phenanthrene	17.334	178	837678	8.201	ng/ul	100
16) Anthracene	17.427	178	174798	2.092	ng/ul	100
19) Fluoranthene	19.353	202	1661088	19.158	ng/ul	98
20) Pyrene	19.720	202	1511665	16.969	ng/ul	99
21) Benzo(a)anthracene	21.473	228	677008	9.370	ng/ul	97
22) Chrysene	21.525	228	682752	8.662	ng/ul	98
24) Benzo(b)fluoranthene	23.180	252	1168476	12.955	ng/ul	97
26) Benzo(a)pyrene	23.811	252	601611	8.061	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.446	276	439151	5.107	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.446	278	116082	1.728	ng/ul#	88
29) Benzo(g,h,i)perylene	27.231	276	467274	6.391	ng/ul	99

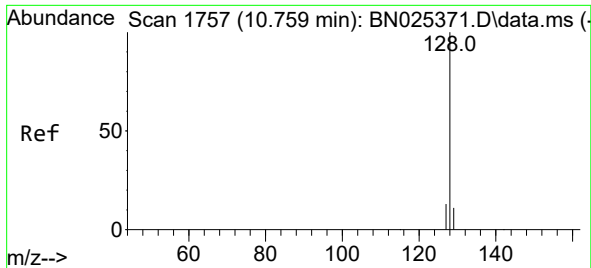
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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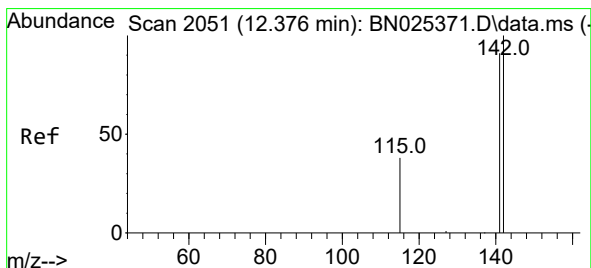
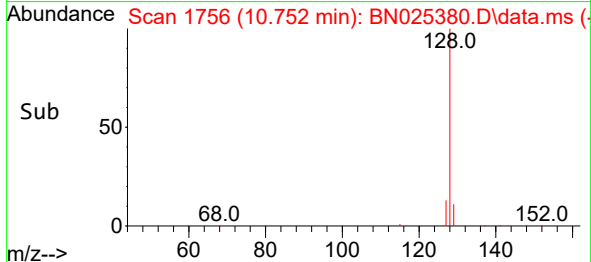
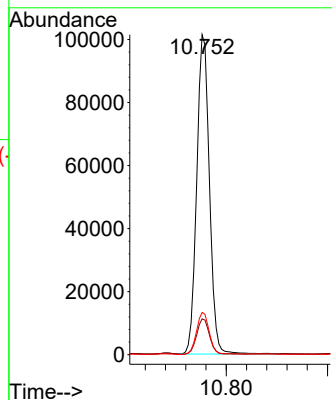
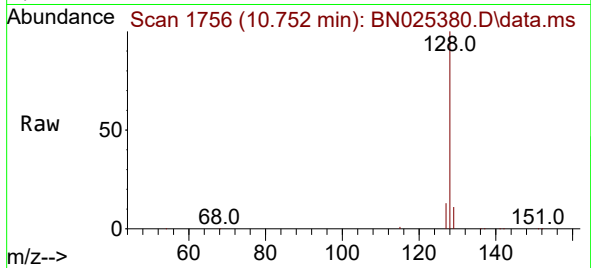




#5
Naphthalene
Concen: 2.615 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

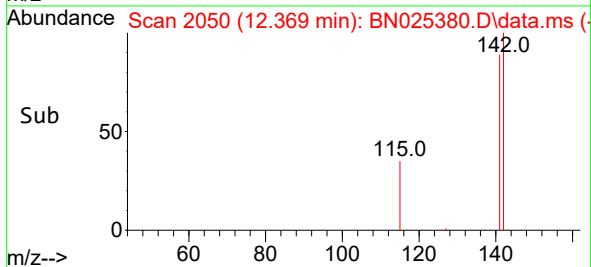
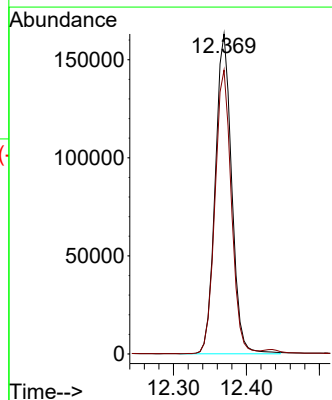
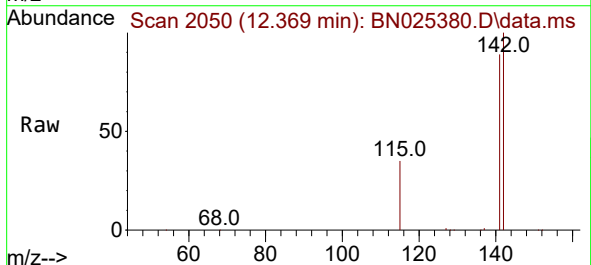
Instrument :
BNA_N
ClientSampleId :
EW947

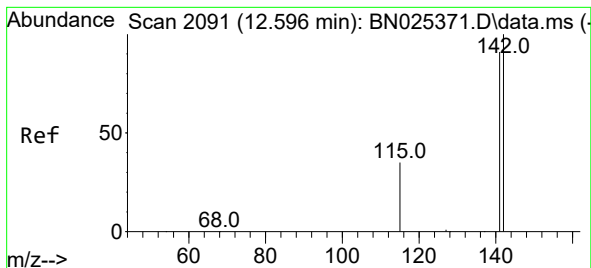
Tgt Ion:128 Resp: 175958
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 6.201 ng/ul
RT: 12.369 min Scan# 2050
Delta R.T. -0.007 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

Tgt Ion:142 Resp: 255528
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#8

1-Methylnaphthalene

Concen: 2.708 ng/ul

RT: 12.589 min Scan# 2090

Delta R.T. -0.007 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

Instrument :

BNA_N

ClientSampleId :

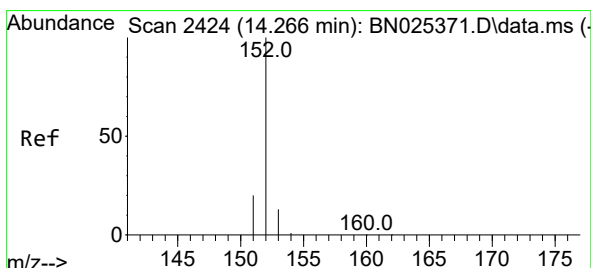
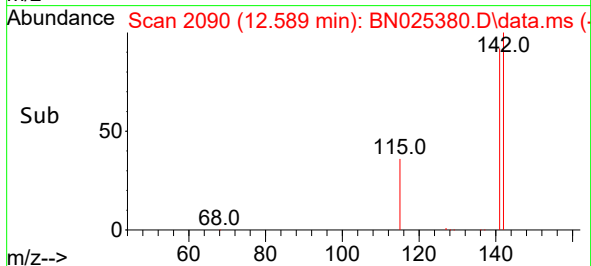
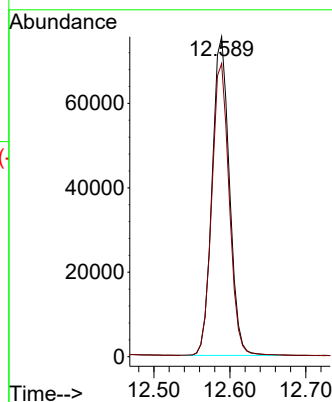
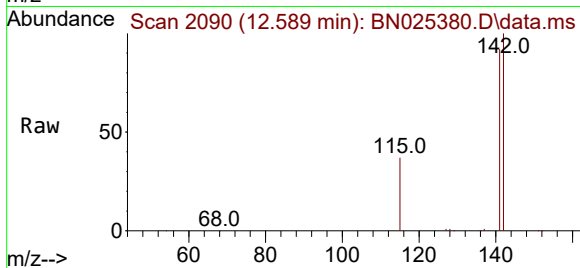
EW947

Tgt Ion:142 Resp: 118937

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6



#10

Acenaphthylene

Concen: 0.758 ng/ul

RT: 14.264 min Scan# 2424

Delta R.T. -0.001 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

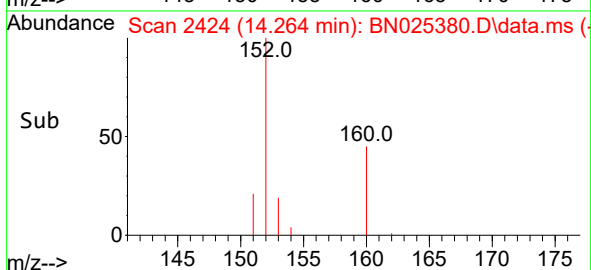
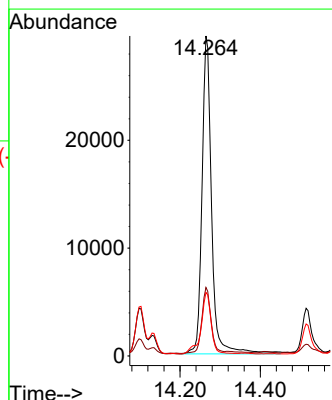
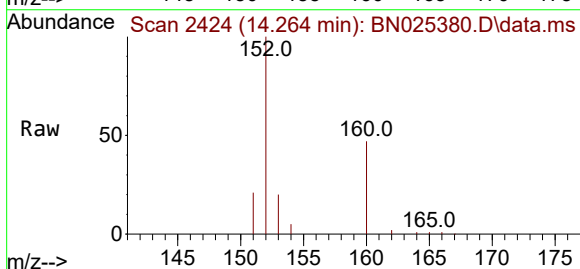
Tgt Ion:152 Resp: 49003

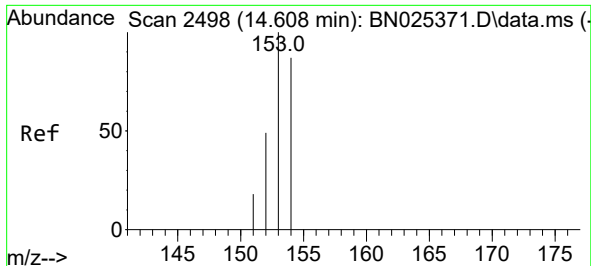
Ion Ratio Lower Upper

152 100

151 21.4 16.0 24.0

153 19.9 10.8 16.2#

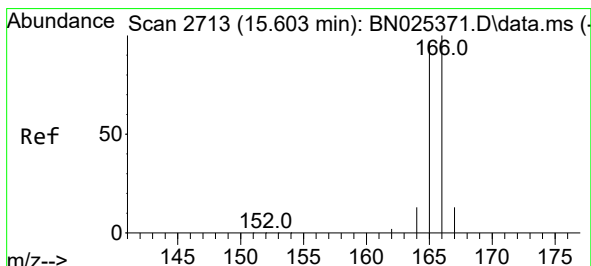
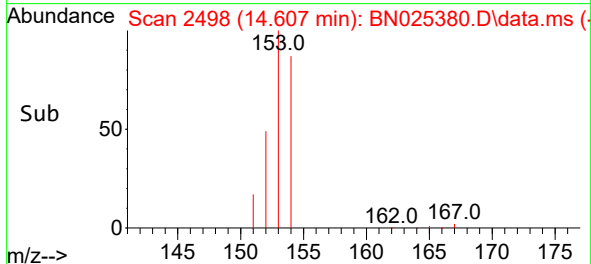
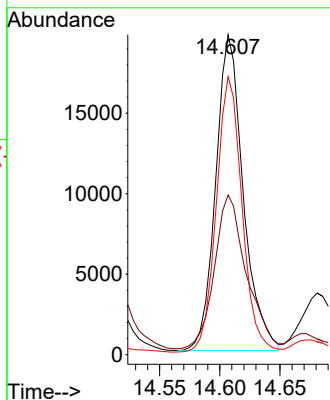
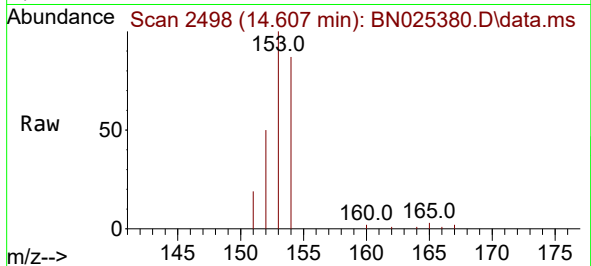




#11
Acenaphthene
Concen: 0.573 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

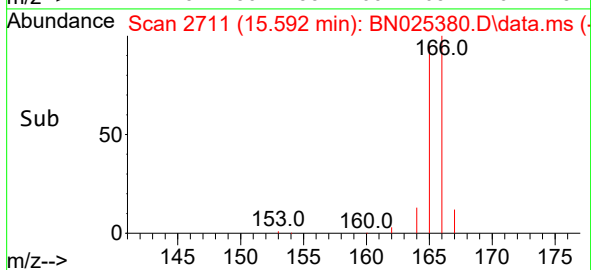
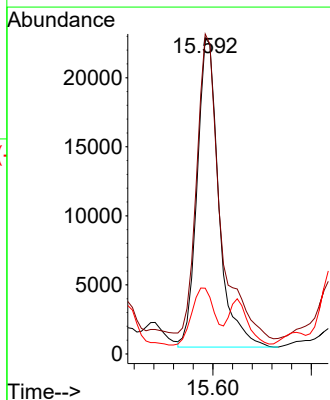
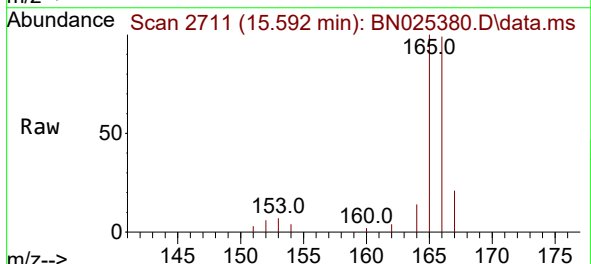
Instrument :
BNA_N
ClientSampleId :
EW947

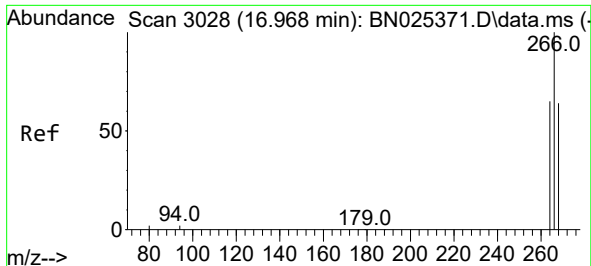
Tgt Ion:153 Resp: 31234
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 86.9 69.4 104.2



#12
Fluorene
Concen: 0.561 ng/ul
RT: 15.592 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

Tgt Ion:166 Resp: 34181
Ion Ratio Lower Upper
166 100
165 101.2 78.1 117.1
167 20.8 11.0 16.6#

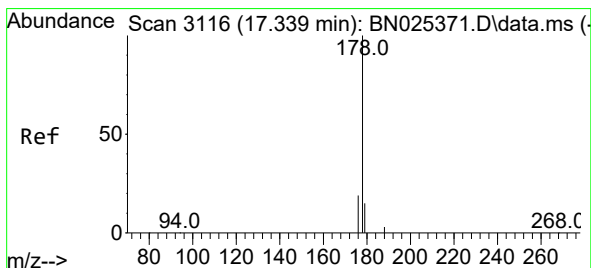
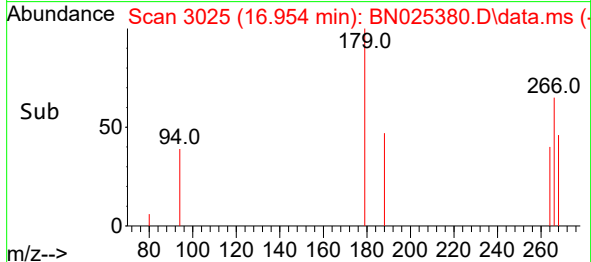
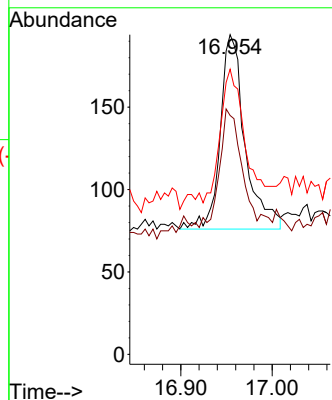
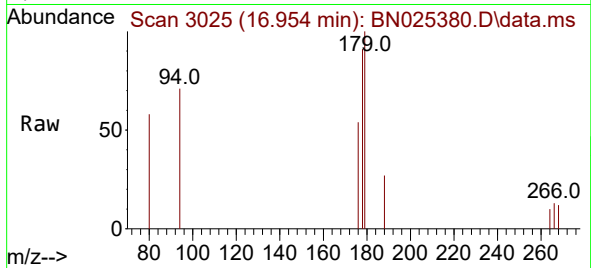




#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.954 min Scan# 3025
Delta R.T. -0.014 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

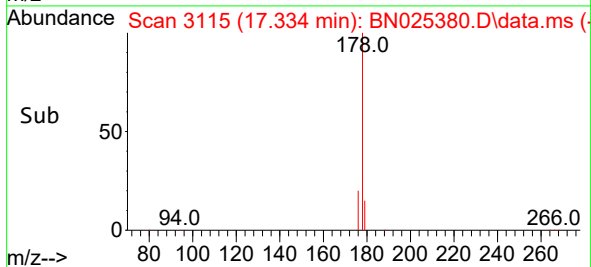
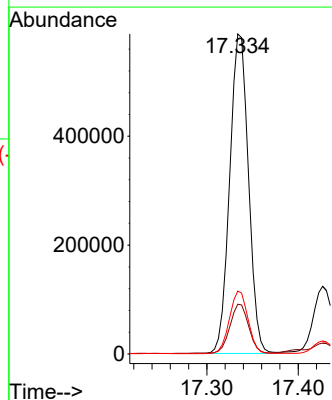
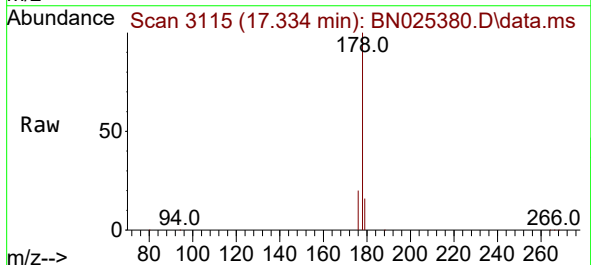
Instrument :
BNA_N
ClientSampleId :
EW947

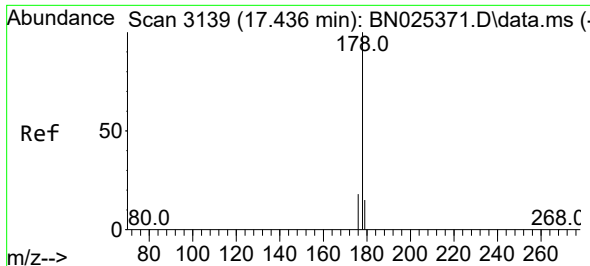
Tgt Ion:266 Resp: 222
Ion Ratio Lower Upper
266 100
264 61.7 49.6 74.4
268 68.9 51.3 76.9



#15
Phenanthrene
Concen: 8.201 ng/ul
RT: 17.334 min Scan# 3115
Delta R.T. -0.005 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

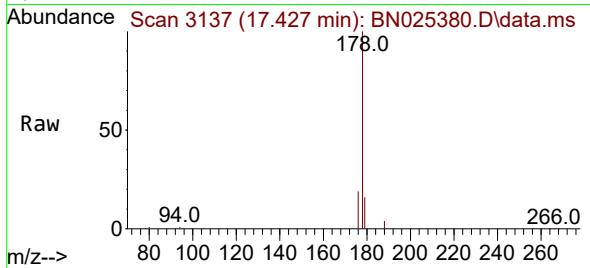
Tgt Ion:178 Resp: 837678
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.7 15.6 23.4



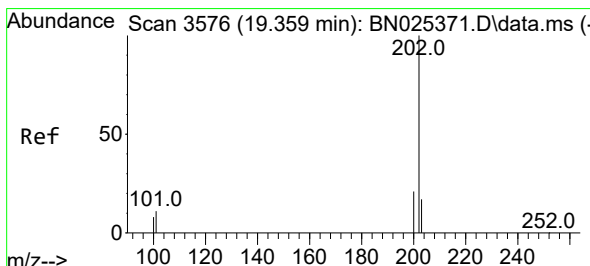
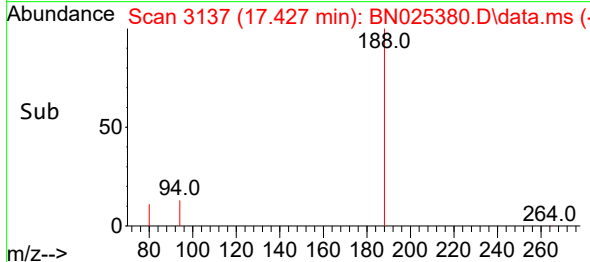
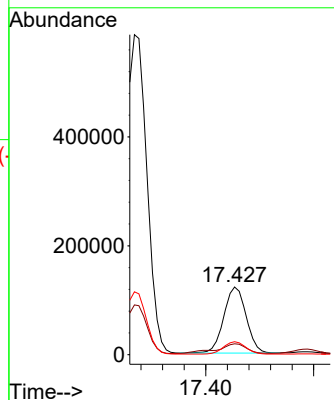


#16
 Anthracene
 Concen: 2.092 ng/ul
 RT: 17.427 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN025380.D
 Acq: 10 May 2023 14:37

Instrument :
 BNA_N
 ClientSampleId :
 EW947

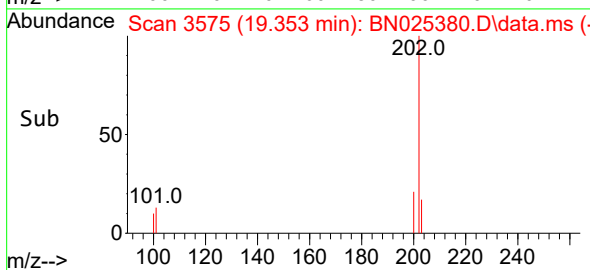
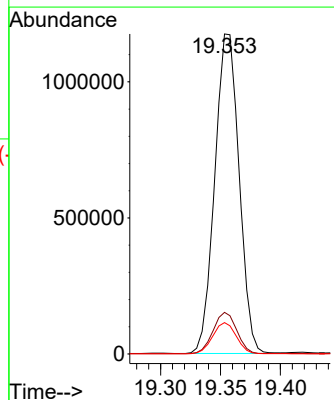
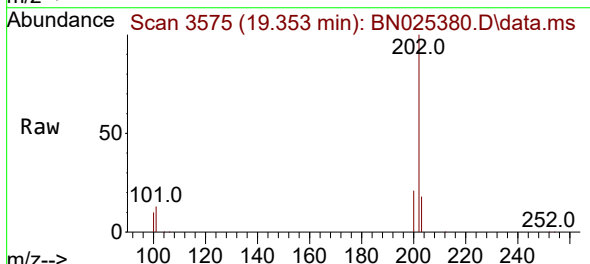


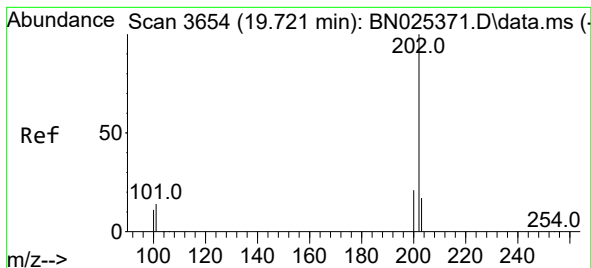
Tgt Ion:178 Resp: 174798
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.7 19.1
 176 19.1 15.3 22.9



#19
 Fluoranthene
 Concen: 19.158 ng/ul
 RT: 19.353 min Scan# 3575
 Delta R.T. -0.006 min
 Lab File: BN025380.D
 Acq: 10 May 2023 14:37

Tgt Ion:202 Resp: 1661088
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 9.8 7.3 10.9





#20

Pyrene

Concen: 16.969 ng/ul

RT: 19.720 min Scan# 3654

Delta R.T. -0.001 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

Instrument :

BNA_N

ClientSampleId :

EW947

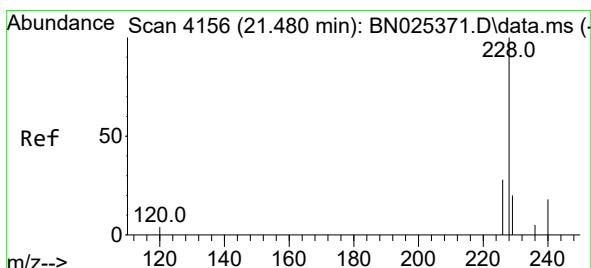
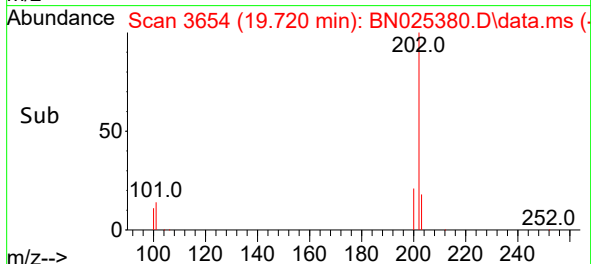
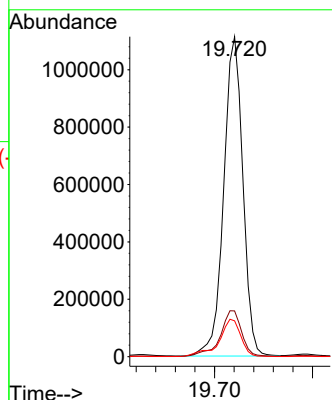
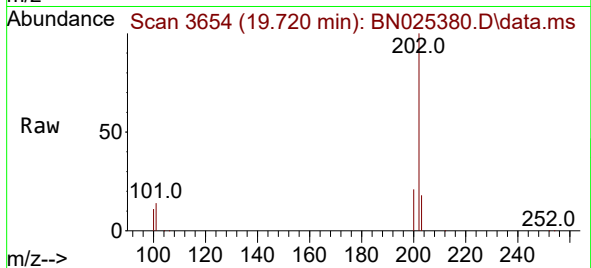
Tgt Ion:202 Resp: 1511665

Ion Ratio Lower Upper

202 100

101 14.3 11.3 16.9

100 11.2 9.2 13.8



#21

Benzo(a)anthracene

Concen: 9.370 ng/ul

RT: 21.473 min Scan# 4154

Delta R.T. -0.007 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

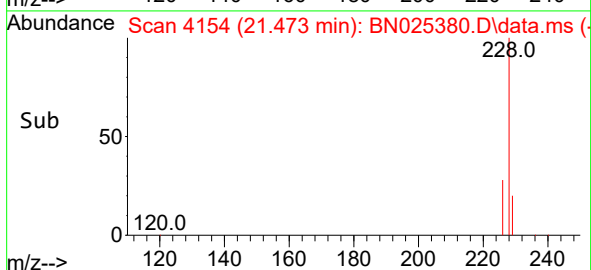
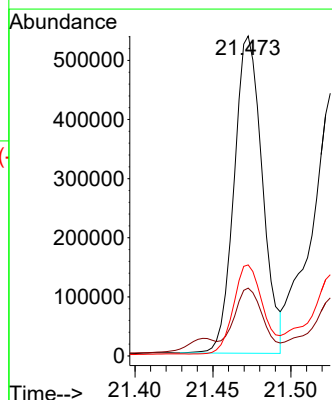
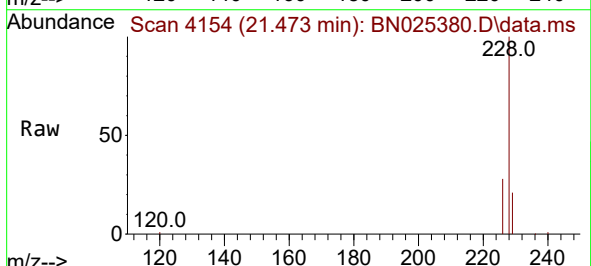
Tgt Ion:228 Resp: 677008

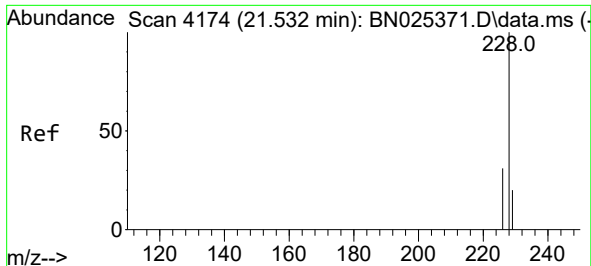
Ion Ratio Lower Upper

228 100

229 21.2 15.6 23.4

226 28.5 22.1 33.1





#22

Chrysene

Concen: 8.662 ng/ul

RT: 21.525 min Scan# 4174

Delta R.T. -0.007 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

Instrument :

BNA_N

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EW947

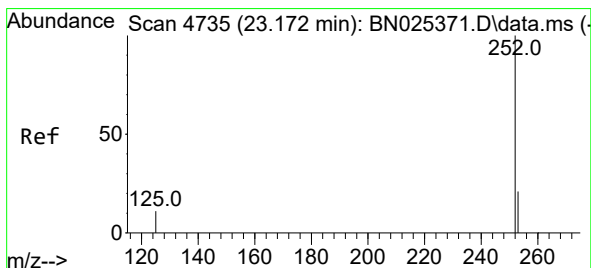
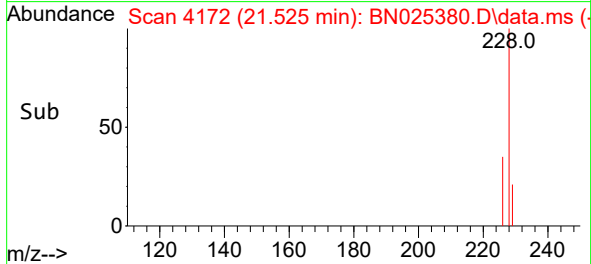
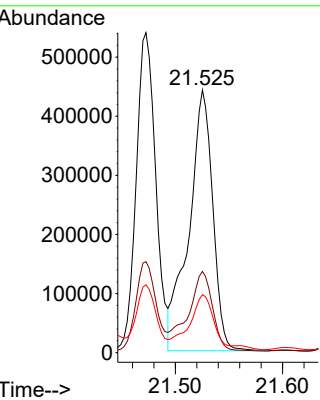
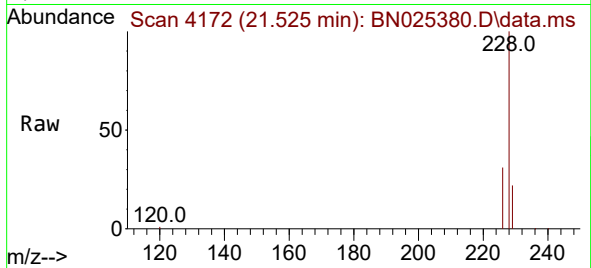
Tgt Ion:228 Resp: 682752

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 22.1 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 12.955 ng/ul

RT: 23.180 min Scan# 4738

Delta R.T. 0.008 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

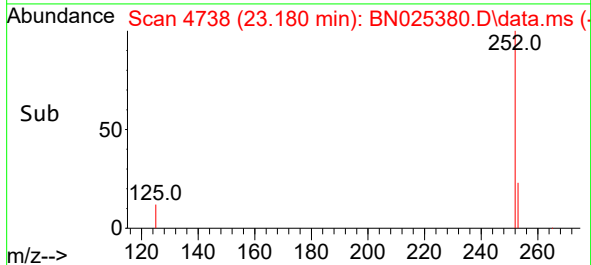
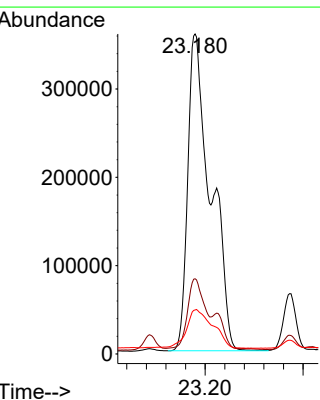
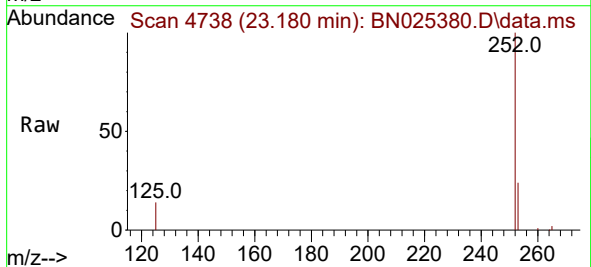
Tgt Ion:252 Resp: 1168476

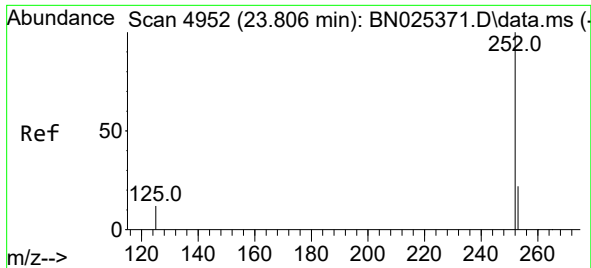
Ion Ratio Lower Upper

252 100

253 23.5 0.0 50.2

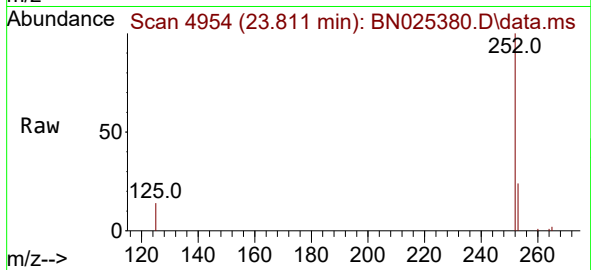
125 13.8 0.0 30.4



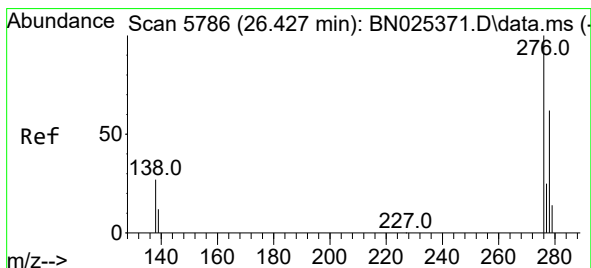
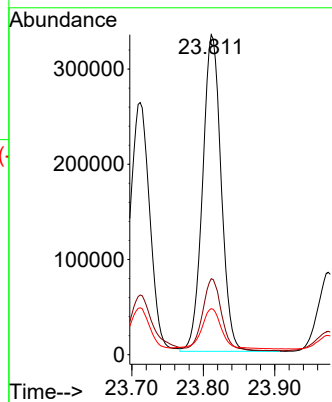
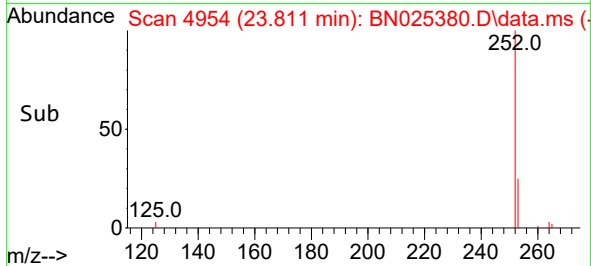


#26
Benzo(a)pyrene
Concen: 8.061 ng/ul
RT: 23.811 min Scan# 4954
Delta R.T. 0.005 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37

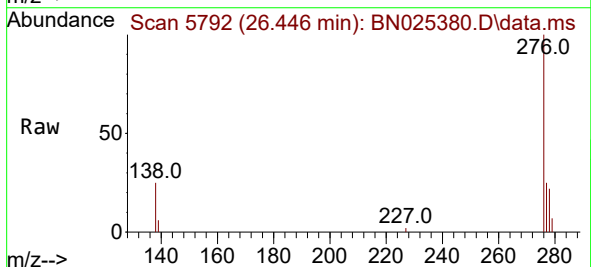
Instrument :
BNA_N
ClientSampleId :
EW947



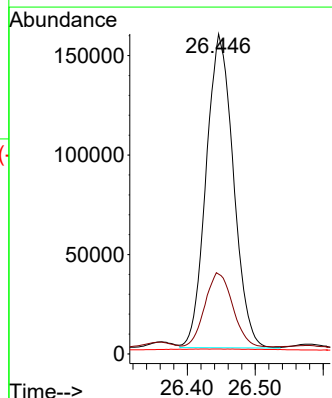
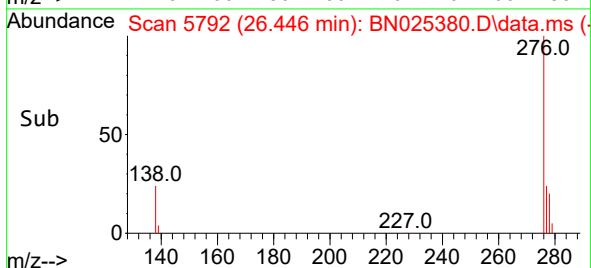
Tgt Ion:252 Resp: 601611
Ion Ratio Lower Upper
252 100
253 23.7 21.4 32.2
125 14.4 14.6 22.0#

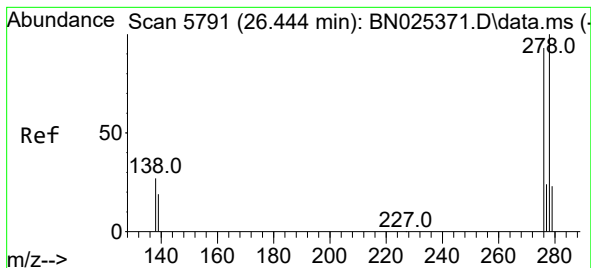


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.107 ng/ul
RT: 26.446 min Scan# 5792
Delta R.T. 0.019 min
Lab File: BN025380.D
Acq: 10 May 2023 14:37



Tgt Ion:276 Resp: 439151
Ion Ratio Lower Upper
276 100
138 25.9 21.9 32.9
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.728 ng/ul

RT: 26.446 min Scan# 51

Delta R.T. 0.002 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

Instrument :

BNA_N

ClientSampleId :

EW947

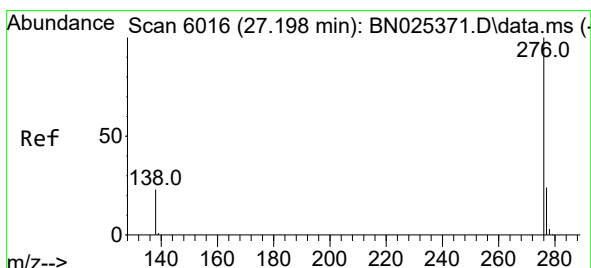
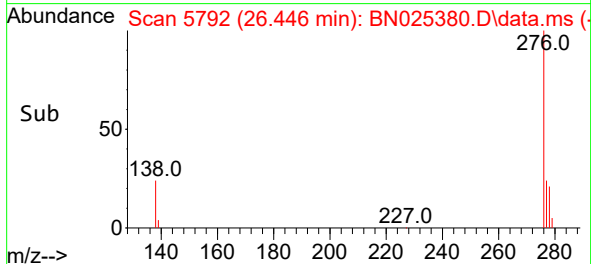
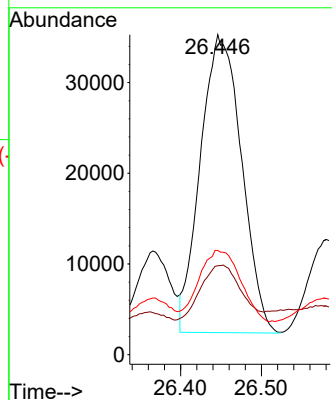
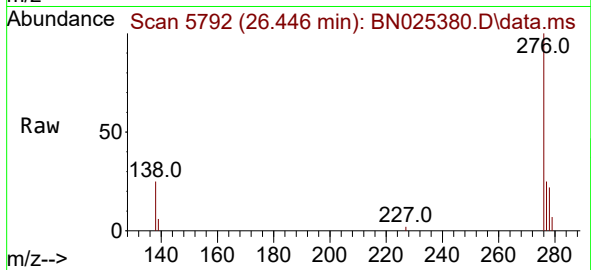
Tgt Ion:278 Resp: 116082

Ion Ratio Lower Upper

278 100

139 27.8 17.0 25.6#

279 32.6 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 6.391 ng/ul

RT: 27.231 min Scan# 6026

Delta R.T. 0.032 min

Lab File: BN025380.D

Acq: 10 May 2023 14:37

Tgt Ion:276 Resp: 467274

Ion Ratio Lower Upper

276 100

138 26.1 20.3 30.5

277 24.9 19.8 29.6

