

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025246.D
 Acq On : 03 May 2023 19:07
 Operator : CG/JU
 Sample : 02447-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW937

Quant Time: May 04 04:30:38 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 03 15:28:32 2023
 Response via : Initial Calibration

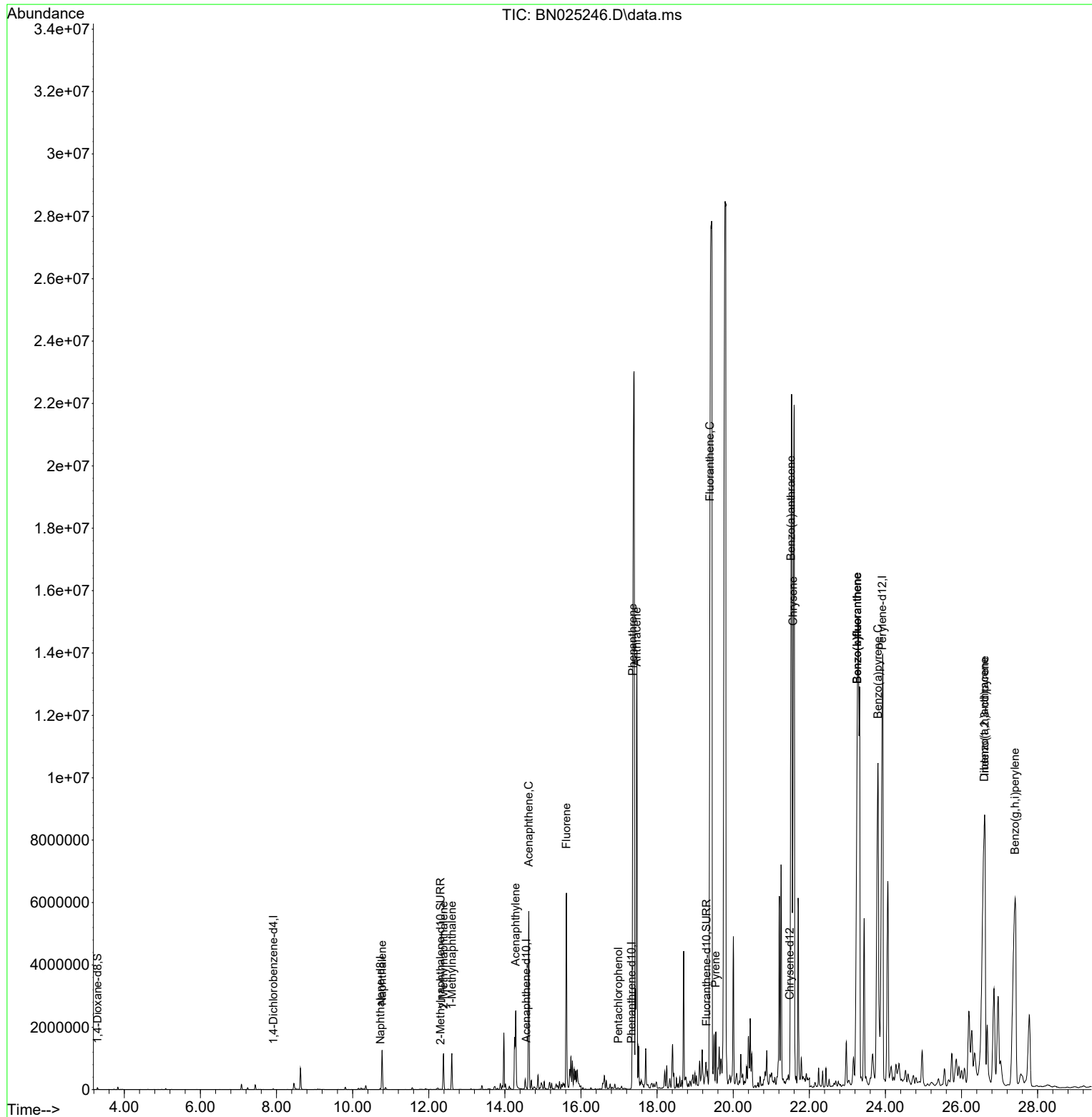
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	12344	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	39386	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	33836	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	47373	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.489	240	28751	0.400	ng/ul	#-0.02
23) Perylene-d12	23.918	264	24667	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36812	2.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	14617	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	146972	1.938	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	1693767	16.783	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	785775	12.712	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	779467	11.831	ng/ul	99
10) Acenaphthylene	14.284	152	3139258	24.905	ng/ul	99
11) Acenaphthene	14.627	153	3328145	31.323	ng/ul	97
12) Fluorene	15.617	166	4042397	34.033	ng/ul	99
14) Pentachlorophenol	16.985	266	2412	0.259	ng/ul	98
15) Phenanthrene	17.360	178	29709507	222.183	ng/ul	95
16) Anthracene	17.462	178	14990761	137.040	ng/ul	95
19) Fluoranthene	19.387	202	12509451	120.319	ng/ul#	83
20) Pyrene	19.541	202	1197740	11.212	ng/ul	96
21) Benzo(a)anthracene	21.515	228	26475083	305.585	ng/ul#	73
22) Chrysene	21.576	228	12729578	134.690	ng/ul	92
24) Benzo(b)fluoranthene	23.257	252	51030298	509.910	ng/ul	97
25) Benzo(k)fluoranthene	23.257	252	50924181	529.016	ng/ul	98
26) Benzo(a)pyrene	23.804	252	22278334	269.056	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.612	276	23425085	245.538	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.595	278	6862303	92.086	ng/ul	98
29) Benzo(g,h,i)perylene	27.407	276	18078393	222.856	ng/ul	97

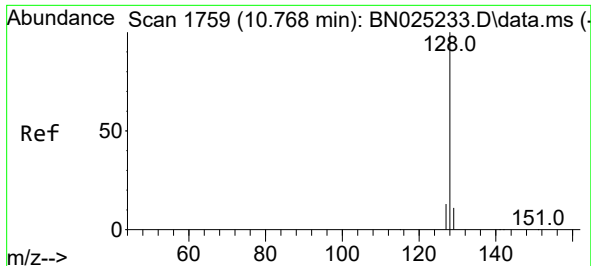
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025246.D
Acq On : 03 May 2023 19:07
Operator : CG/JU
Sample : 02447-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW937

Quant Time: May 04 04:30:38 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 03 15:28:32 2023
Response via : Initial Calibration

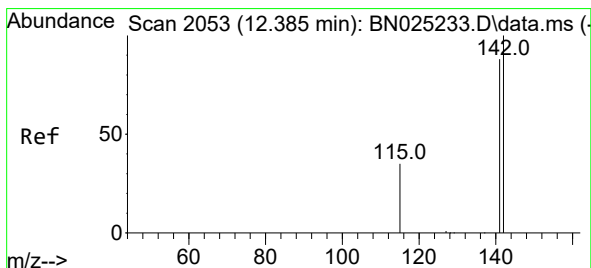
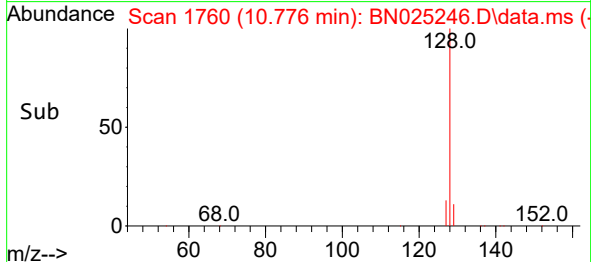
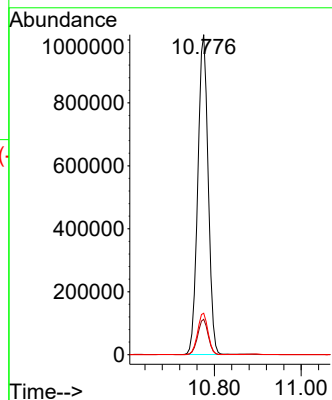
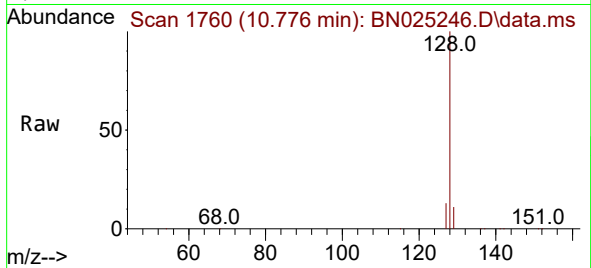




#5
Naphthalene
Concen: 16.783 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

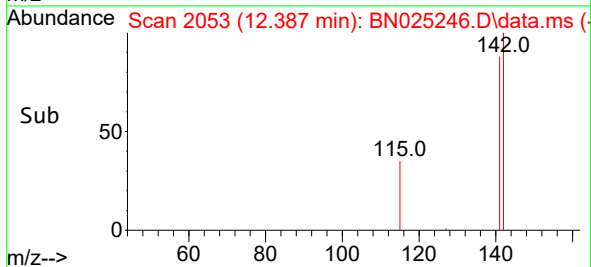
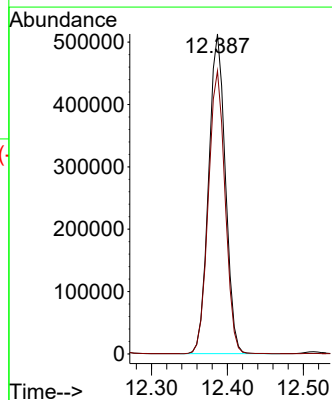
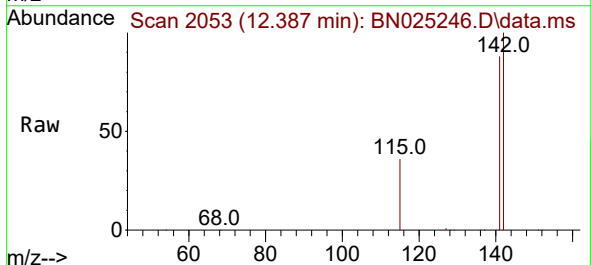
Instrument :
BNA_N
ClientSampleId :
EW937

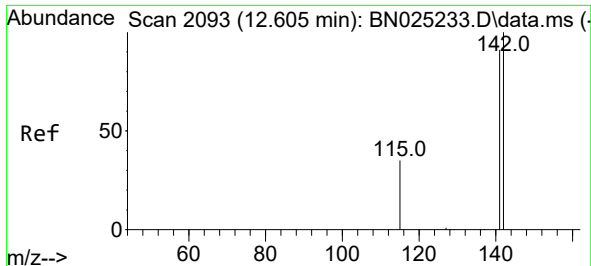
Tgt Ion:128 Resp: 1693767
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 12.712 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

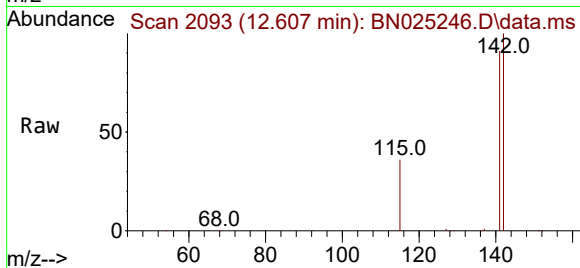
Tgt Ion:142 Resp: 785775
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0



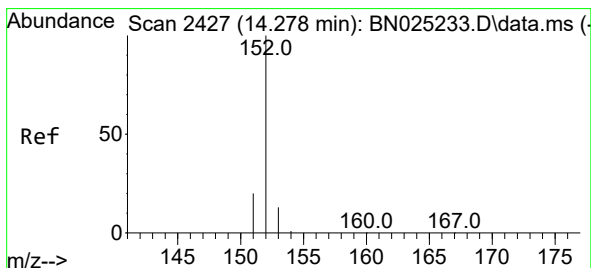
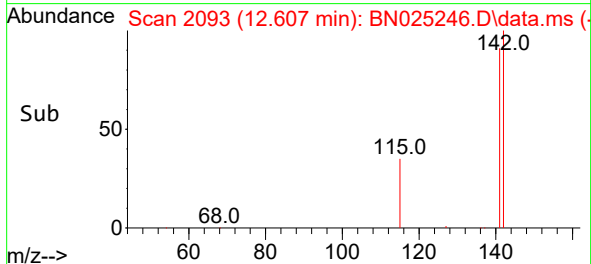
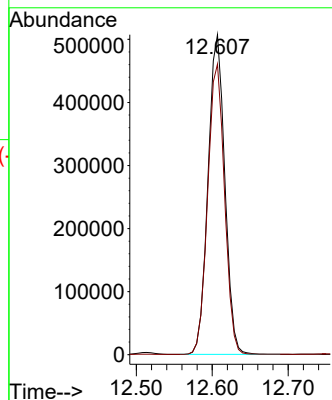


#8
1-Methylnaphthalene
Concen: 11.831 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

Instrument :
BNA_N
ClientSampleId :
EW937

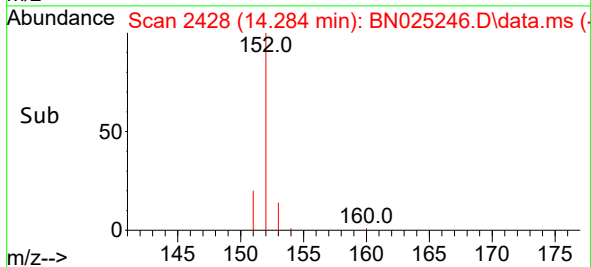
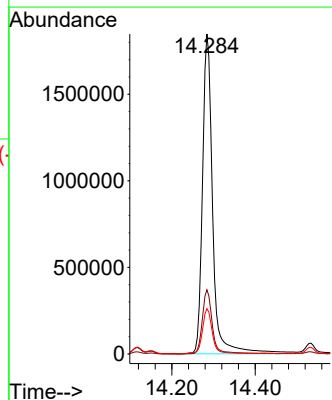
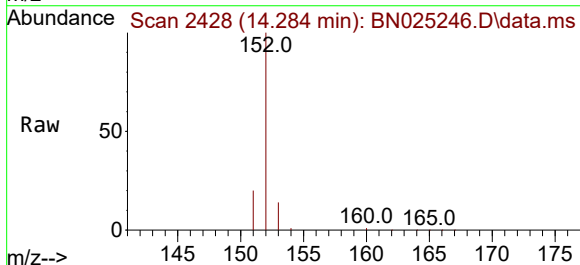


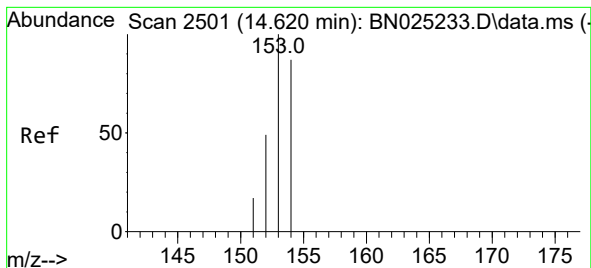
Tgt Ion:142 Resp: 779467
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6



#10
Acenaphthylene
Concen: 24.905 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

Tgt Ion:152 Resp: 3139258
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.2 10.8 16.2





#11

Acenaphthene

Concen: 31.323 ng/ul

RT: 14.627 min Scan# 2501

Delta R.T. 0.006 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

Instrument :

BNA_N

ClientSampleId :

EW937

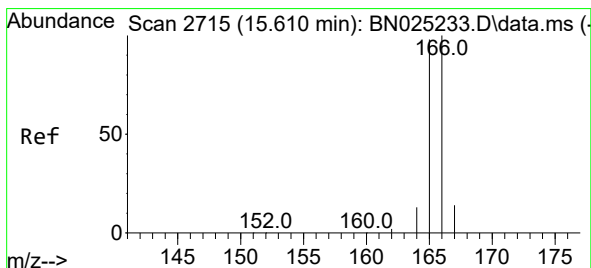
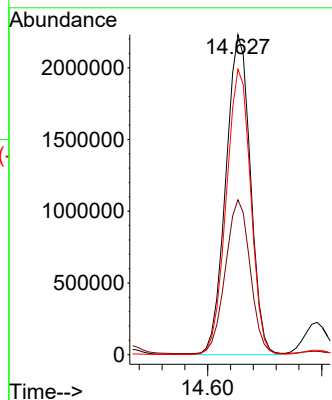
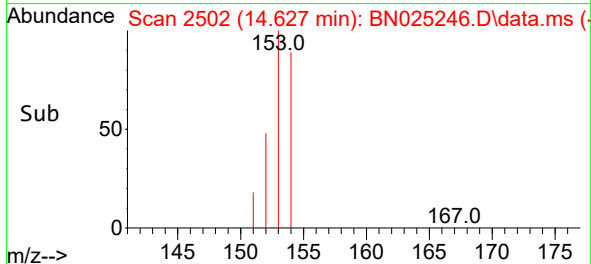
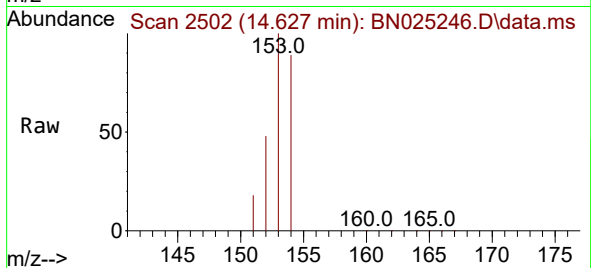
Tgt Ion:153 Resp: 3328145

Ion Ratio Lower Upper

153 100

152 48.4 40.2 60.4

154 89.2 69.4 104.2



#12

Fluorene

Concen: 34.033 ng/ul

RT: 15.617 min Scan# 2716

Delta R.T. 0.006 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

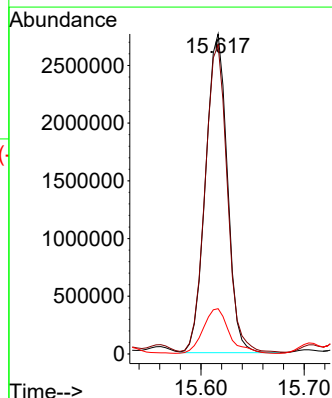
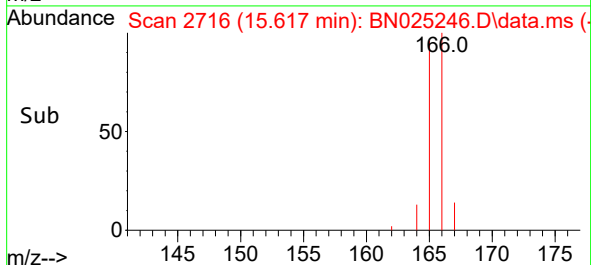
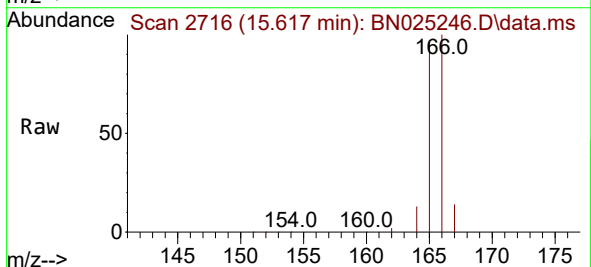
Tgt Ion:166 Resp: 4042397

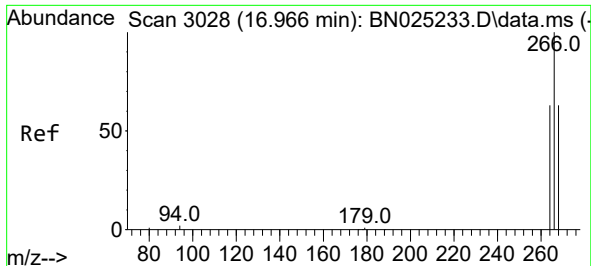
Ion Ratio Lower Upper

166 100

165 96.6 78.1 117.1

167 14.1 11.0 16.6

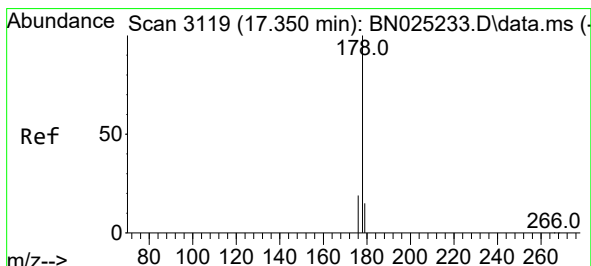
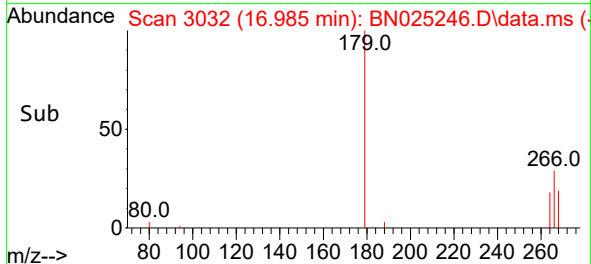
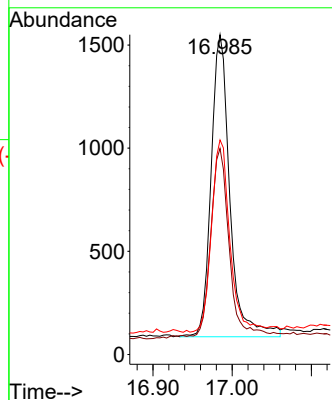
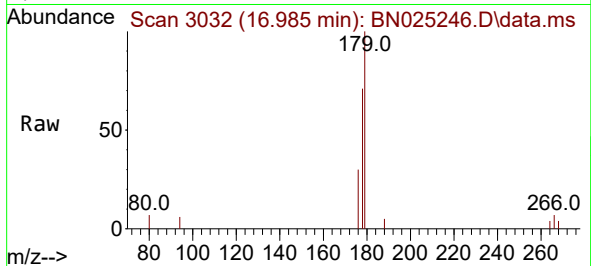




#14
 Pentachlorophenol
 Concen: 0.259 ng/ul
 RT: 16.985 min Scan# 3028
 Delta R.T. 0.019 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

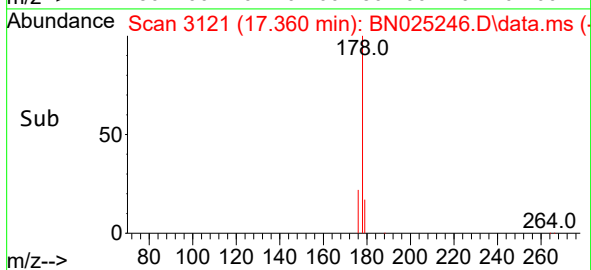
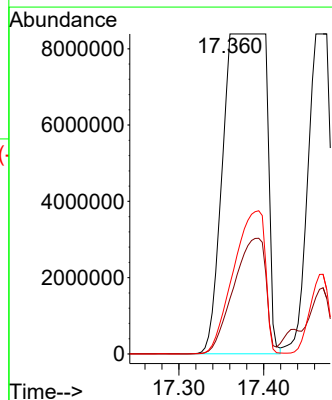
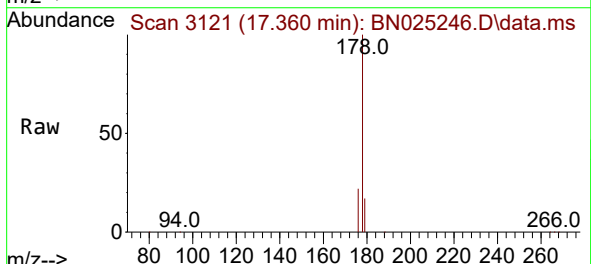
Instrument :
 BNA_N
 ClientSampleId :
 EW937

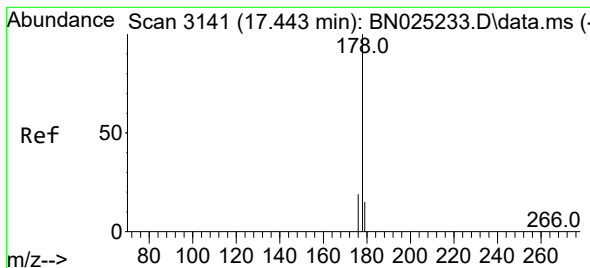
Tgt Ion:266 Resp: 2412
 Ion Ratio Lower Upper
 266 100
 264 60.5 49.6 74.4
 268 63.1 51.3 76.9



#15
 Phenanthrene
 Concen: 222.183 ng/ul
 RT: 17.360 min Scan# 3121
 Delta R.T. 0.010 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

Tgt Ion:178 Resp:29709507
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.5 18.7
 176 21.9 15.6 23.4





#16

Anthracene

Concen: 137.040 ng/ul

RT: 17.462 min Scan# 3145

Delta R.T. 0.019 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

Instrument :

BNA_N

ClientSampleId :

EW937

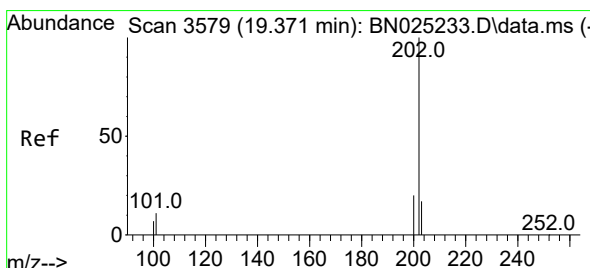
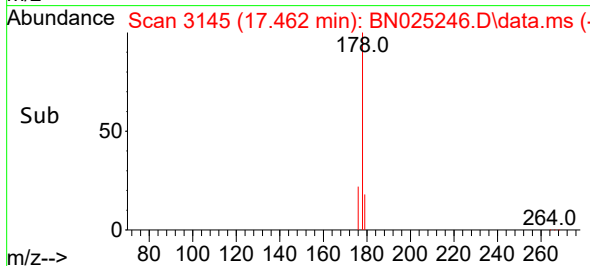
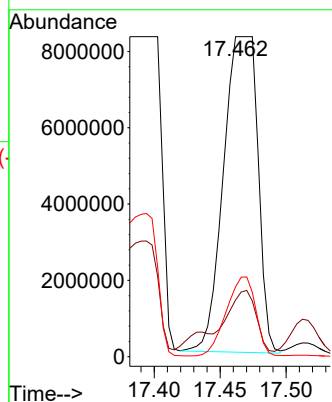
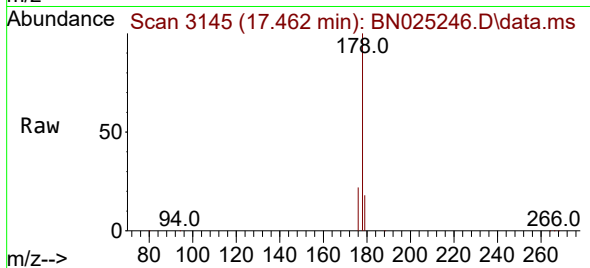
Tgt Ion:178 Resp:14990761

Ion Ratio Lower Upper

178 100

179 17.7 12.7 19.1

176 21.8 15.3 22.9



#19

Fluoranthene

Concen: 120.319 ng/ul

RT: 19.387 min Scan# 3582

Delta R.T. 0.016 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

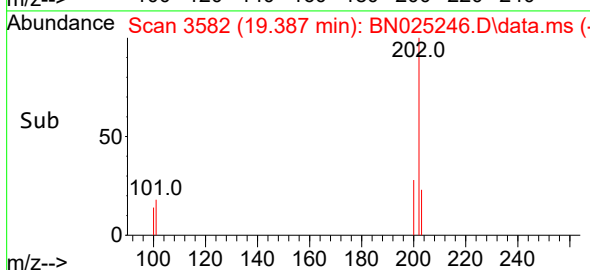
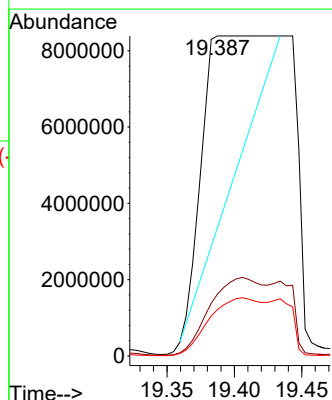
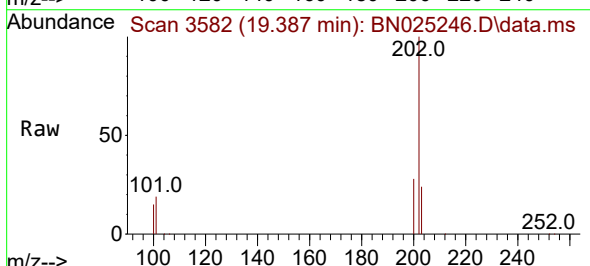
Tgt Ion:202 Resp:12509451

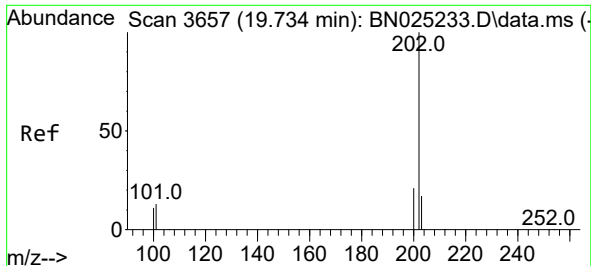
Ion Ratio Lower Upper

202 100

101 19.4 9.7 14.5#

100 14.5 7.3 10.9#

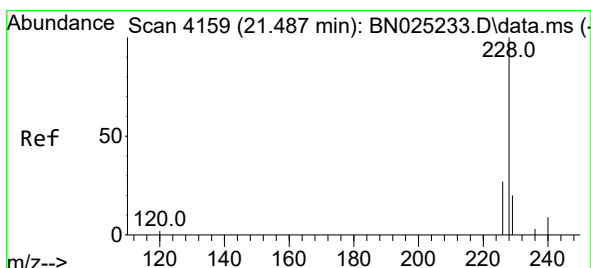
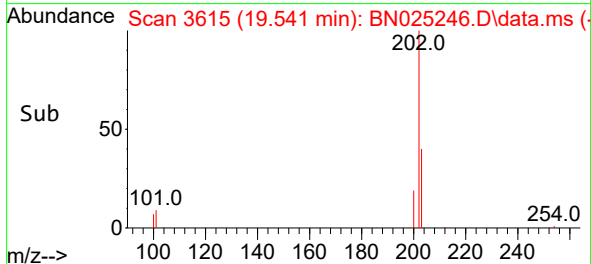
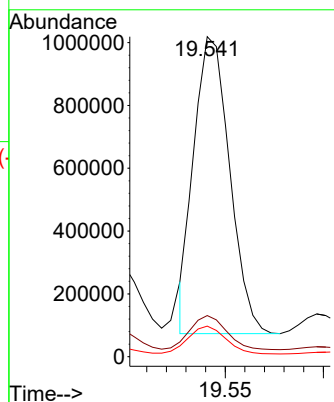
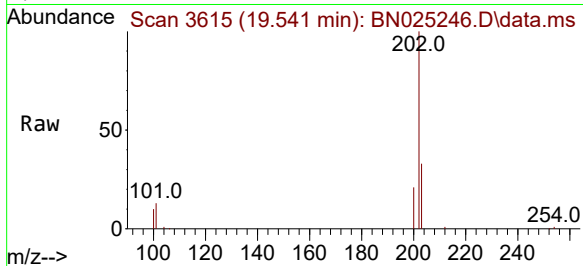




#20
Pyrene
Concen: 11.212 ng/ul
RT: 19.541 min Scan# 3615
Delta R.T. -0.193 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

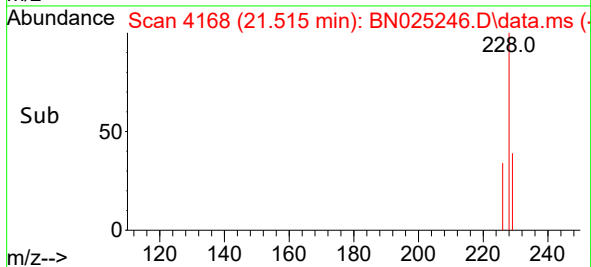
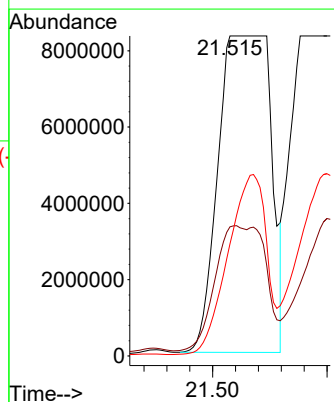
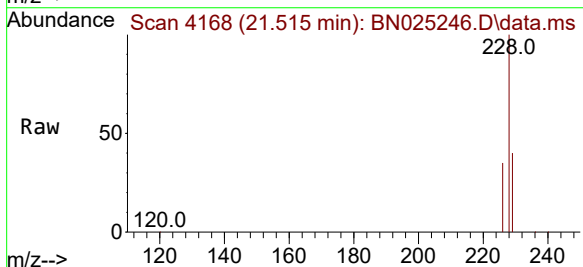
Instrument :
BNA_N
ClientSampleId :
EW937

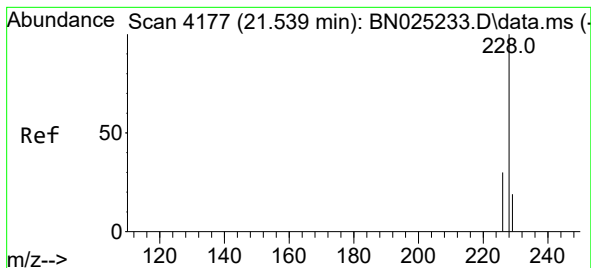
Tgt Ion:202 Resp: 1197740
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 9.5 9.2 13.8



#21
Benzo(a)anthracene
Concen: 305.585 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. 0.028 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

Tgt Ion:228 Resp:26475083
Ion Ratio Lower Upper
228 100
229 40.4 15.6 23.4#
226 35.0 22.1 33.1#





#22

Chrysene

Concen: 134.690 ng/ul

RT: 21.576 min Scan# 4189

Delta R.T. 0.037 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

Instrument :

BNA_N

ClientSampleId :

EW937

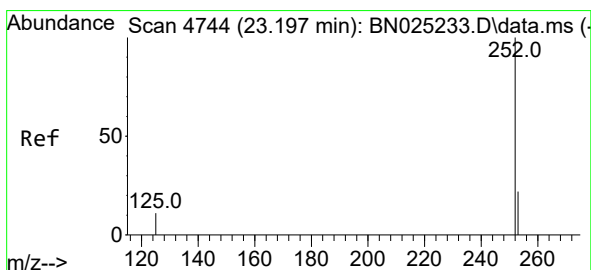
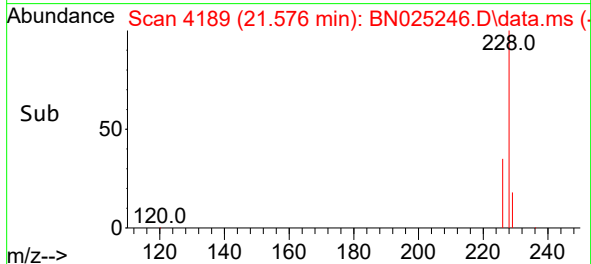
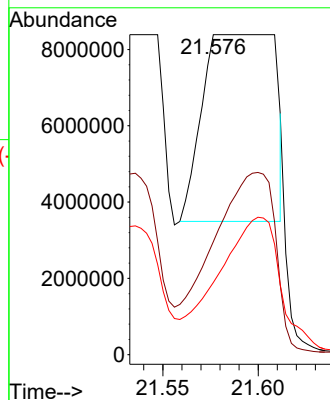
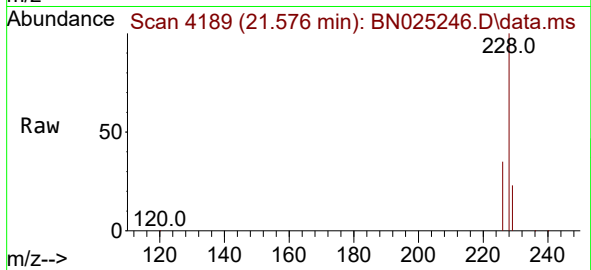
Tgt Ion:228 Resp:12729578

Ion Ratio Lower Upper

228 100

226 35.3 24.5 36.7

229 22.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 509.910 ng/ul

RT: 23.257 min Scan# 4764

Delta R.T. 0.061 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

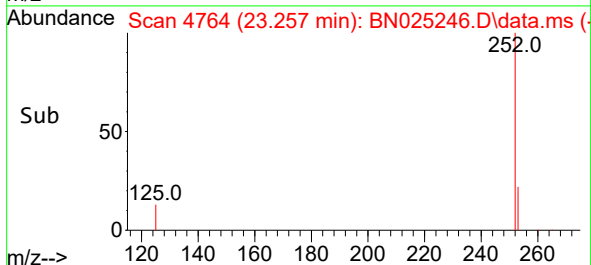
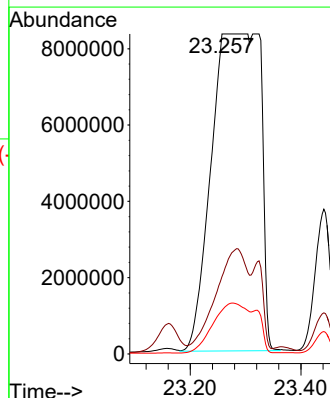
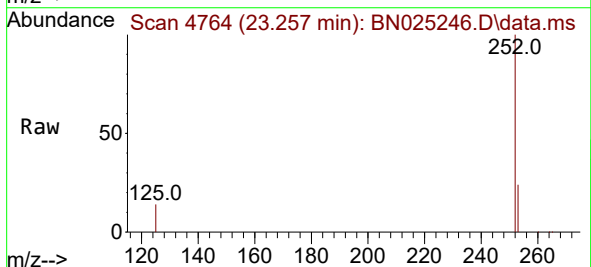
Tgt Ion:252 Resp:51030298

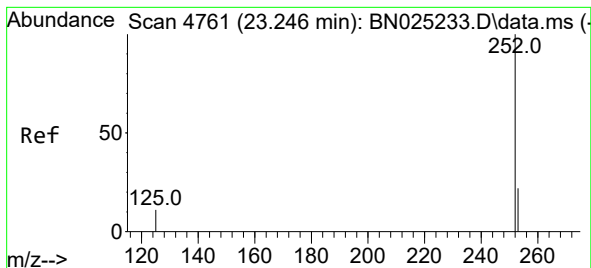
Ion Ratio Lower Upper

252 100

253 24.2 0.0 50.2

125 13.6 0.0 30.4





#25

Benzo(k)fluoranthene

Concen: 529.016 ng/ul

RT: 23.257 min Scan# 41

Delta R.T. 0.011 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

Instrument :

BNA_N

ClientSampleId :

EW937

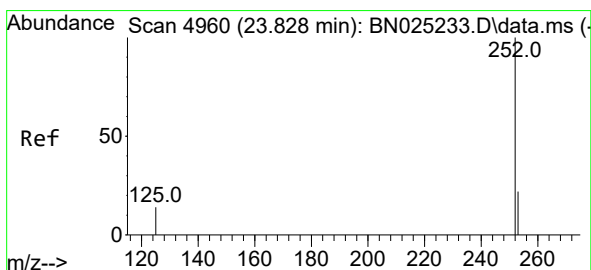
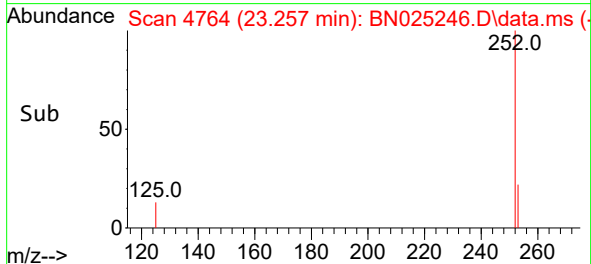
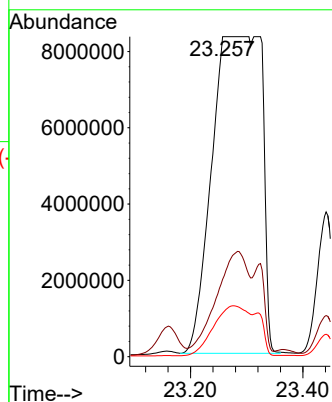
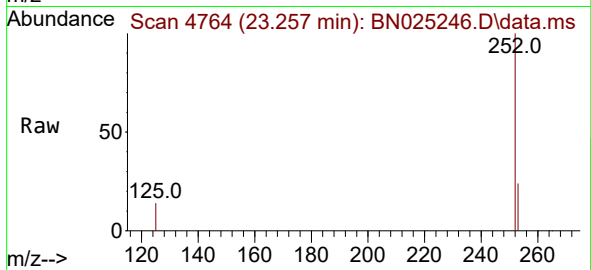
Tgt Ion:252 Resp:50924181

Ion Ratio Lower Upper

252 100

253 24.2 20.2 30.4

125 13.6 11.8 17.8



#26

Benzo(a)pyrene

Concen: 269.056 ng/ul

RT: 23.804 min Scan# 4951

Delta R.T. -0.024 min

Lab File: BN025246.D

Acq: 03 May 2023 19:07

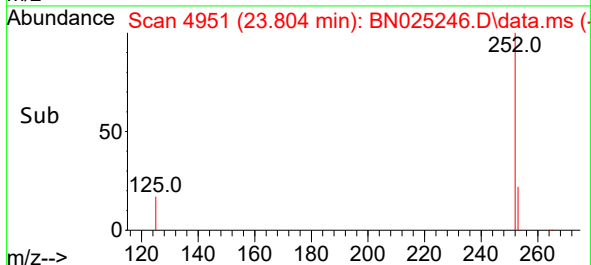
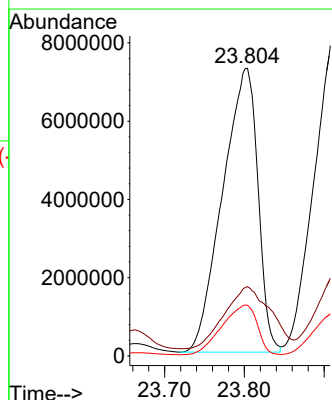
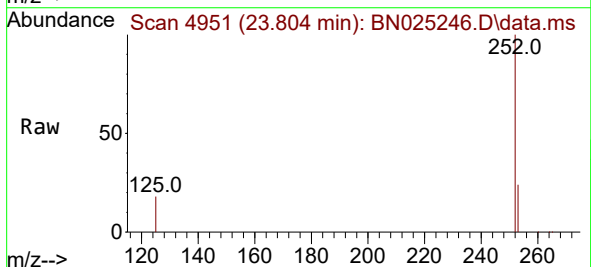
Tgt Ion:252 Resp:22278334

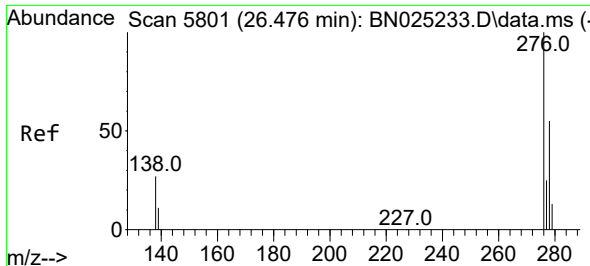
Ion Ratio Lower Upper

252 100

253 24.1 21.4 32.2

125 17.6 14.6 22.0

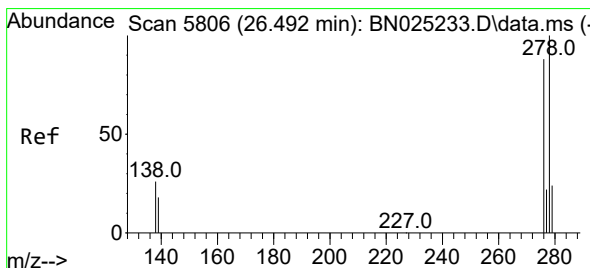
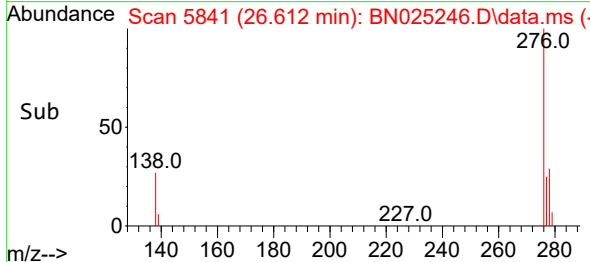
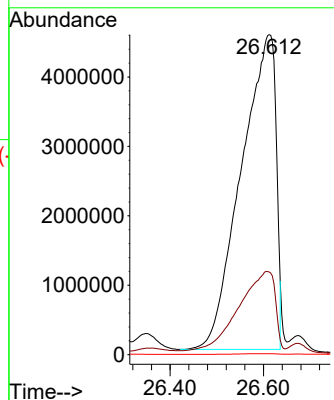
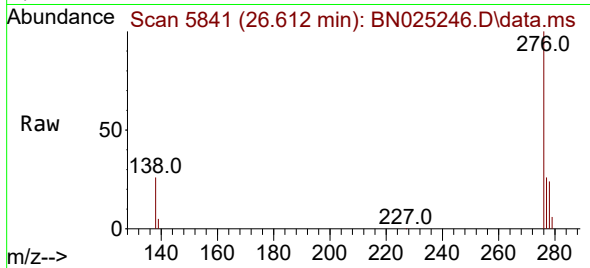




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 245.538 ng/ul
 RT: 26.612 min Scan# 5841
 Delta R.T. 0.136 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

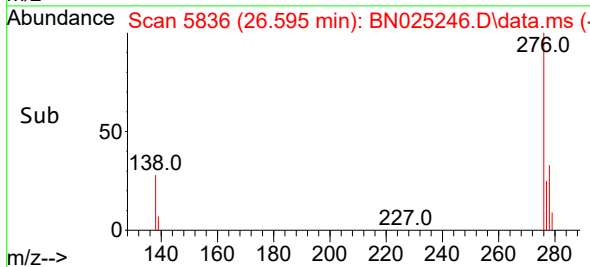
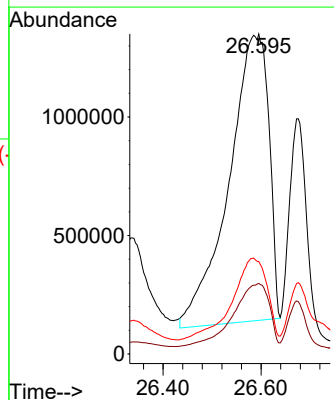
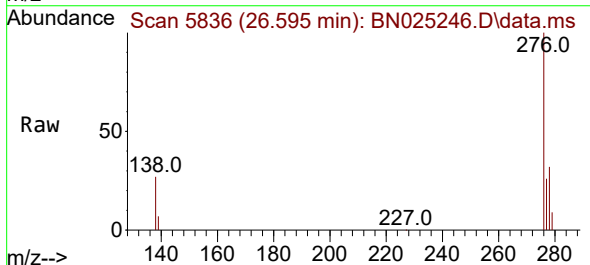
Instrument :
 BNA_N
 ClientSampleId :
 EW937

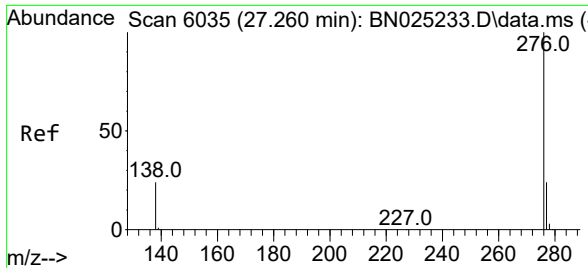
Tgt Ion:276 Resp:23425085
 Ion Ratio Lower Upper
 276 100
 138 26.0 21.9 32.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 92.086 ng/ul
 RT: 26.595 min Scan# 5836
 Delta R.T. 0.103 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

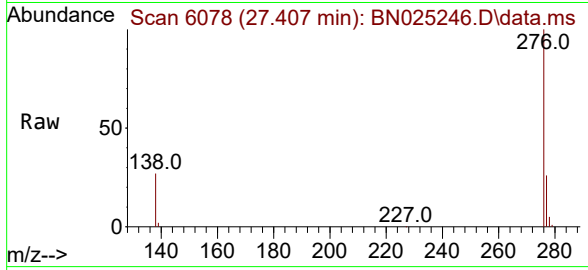
Tgt Ion:278 Resp: 6862303
 Ion Ratio Lower Upper
 278 100
 139 22.0 17.0 25.6
 279 28.9 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 222.856 ng/ul
 RT: 27.407 min Scan# 60
 Delta R.T. 0.146 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

Instrument :
 BNA_N
 ClientSampleId :
 EW937



Tgt Ion:276 Resp:18078393
 Ion Ratio Lower Upper
 276 100
 138 27.2 20.3 30.5
 277 25.7 19.8 29.6

