

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025237.D
 Acq On : 03 May 2023 13:35
 Operator : CG/JU
 Sample : 02419-24DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW921DL

Quant Time: May 04 04:29:02 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)

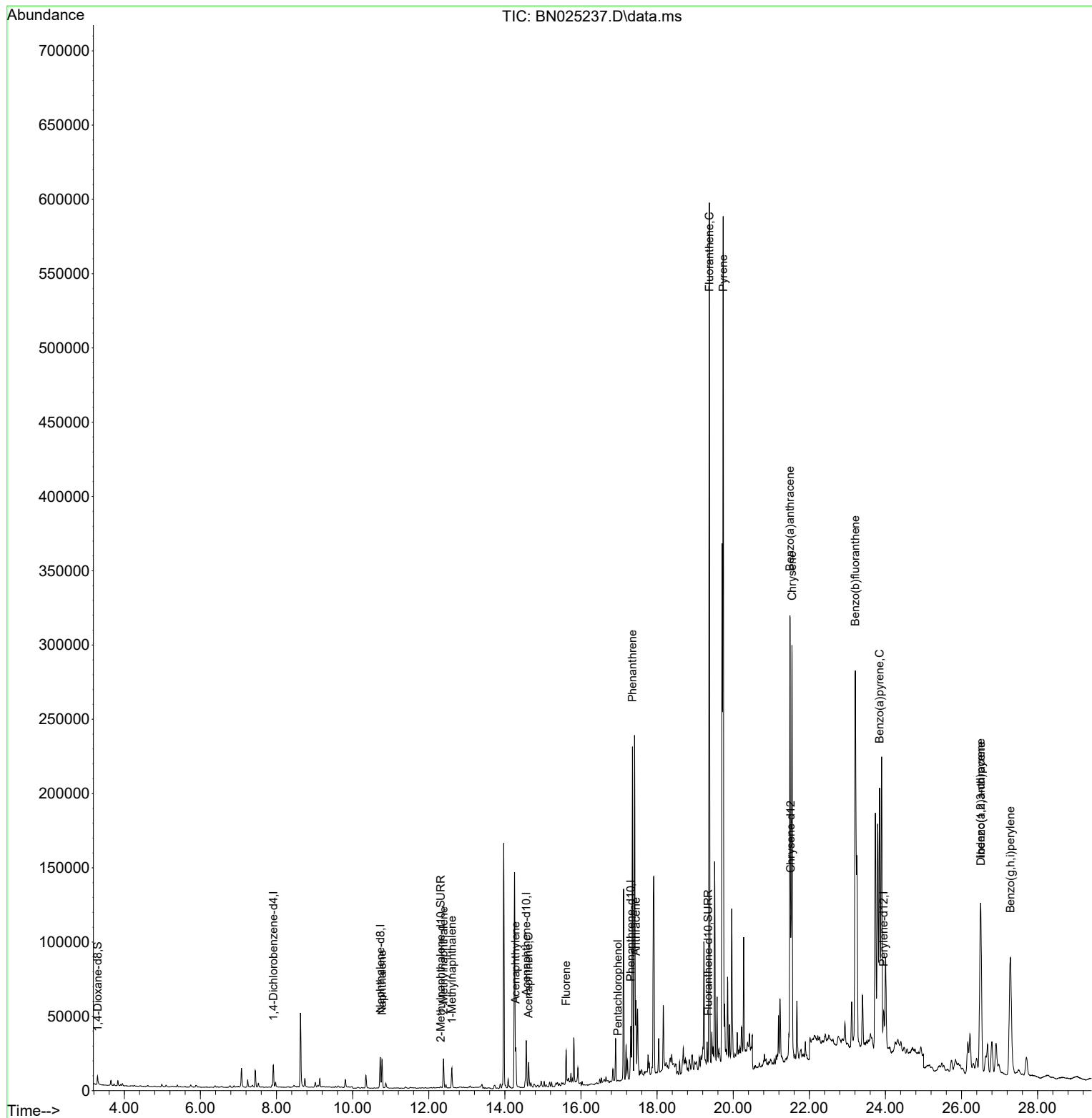
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7907	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	17091	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	46543	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.509	240	33093	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	28493	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3579	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1342	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3496	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.775	128	18047	0.259	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	14043	0.330	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	9336	0.206	ng/ul	100
10) Acenaphthylene	14.284	152	17424	0.274	ng/ul#	86
11) Acenaphthene	14.622	153	9638	0.180	ng/ul	99
12) Fluorene	15.612	166	14899	0.248	ng/ul#	96
14) Pentachlorophenol	16.967	266	292	0.032	ng/ul#	70
15) Phenanthrene	17.352	178	221418	1.685	ng/ul	100
16) Anthracene	17.445	178	53092	0.494	ng/ul	96
19) Fluoranthene	19.373	202	480198	4.013	ng/ul	100
20) Pyrene	19.735	202	455280	3.703	ng/ul	98
21) Benzo(a)anthracene	21.491	228	257065	2.578	ng/ul	95
22) Chrysene	21.544	228	281053	2.584	ng/ul	96
24) Benzo(b)fluoranthene	23.210	252	547923	4.740	ng/ul	93
26) Benzo(a)pyrene	23.847	252	256120	2.678	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.501	276	212394	1.927	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.507	278	51080	0.593	ng/ul#	75
29) Benzo(g,h,i)perylene	27.285	276	215771	2.303	ng/ul	97

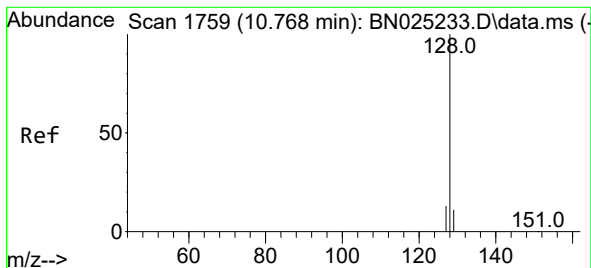
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.259 ng/ul

RT: 10.775 min Scan# 1760

Delta R.T. 0.007 min

Lab File: BN025237.D

Acq: 03 May 2023 13:35

Instrument :

BNA_N

ClientSampleId :

EW921DL

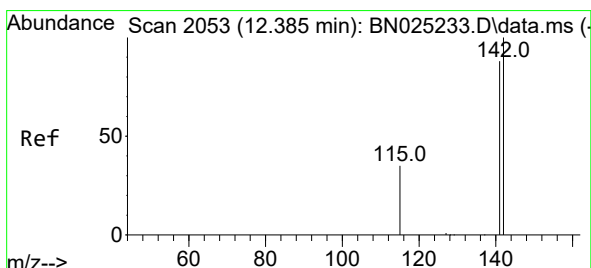
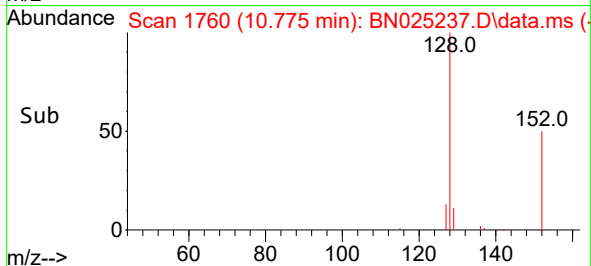
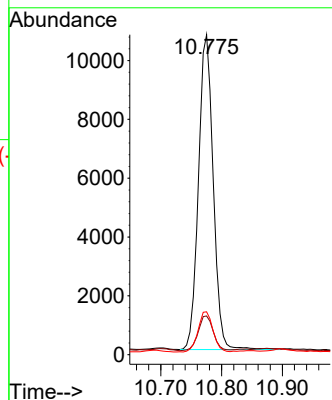
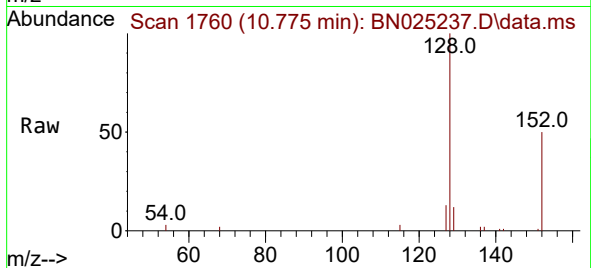
Tgt Ion:128 Resp: 18047

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 12.387 min Scan# 2053

Delta R.T. 0.002 min

Lab File: BN025237.D

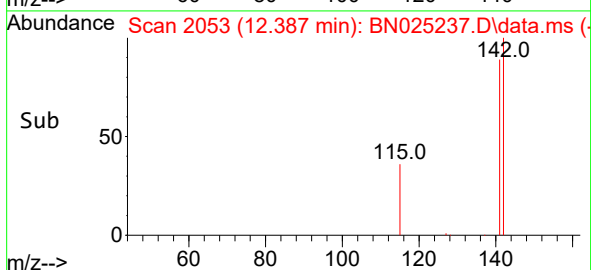
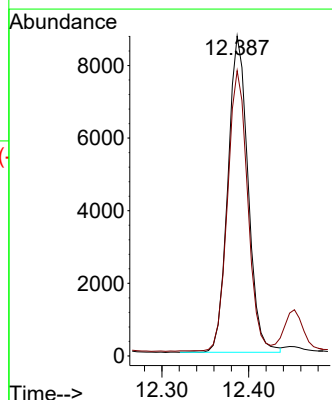
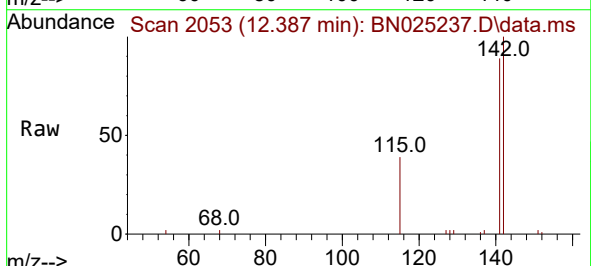
Acq: 03 May 2023 13:35

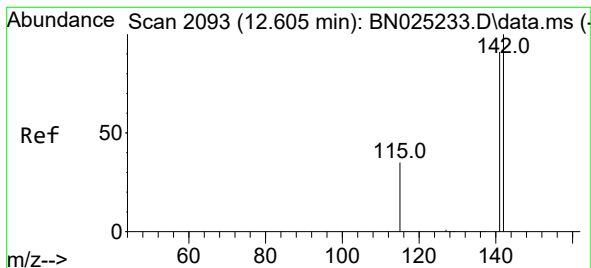
Tgt Ion:142 Resp: 14043

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.206 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.002 min

Lab File: BN025237.D

Acq: 03 May 2023 13:35

Instrument :

BNA_N

ClientSampleId :

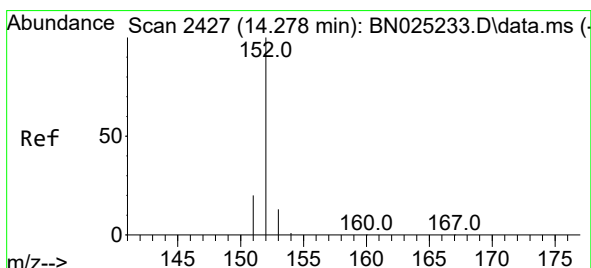
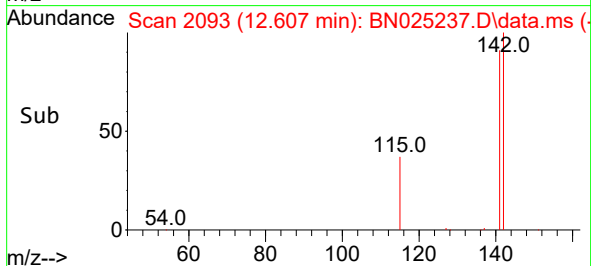
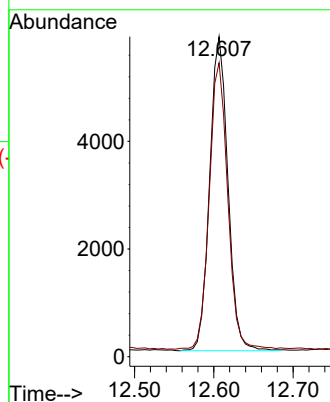
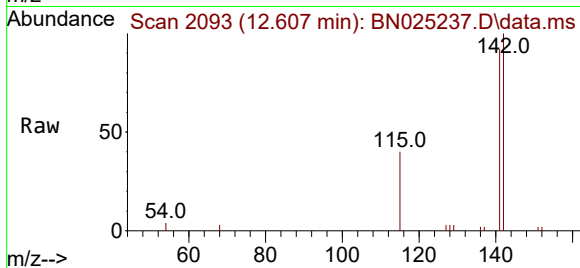
EW921DL

Tgt Ion:142 Resp: 9336

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6



#10

Acenaphthylene

Concen: 0.274 ng/ul

RT: 14.284 min Scan# 2428

Delta R.T. 0.006 min

Lab File: BN025237.D

Acq: 03 May 2023 13:35

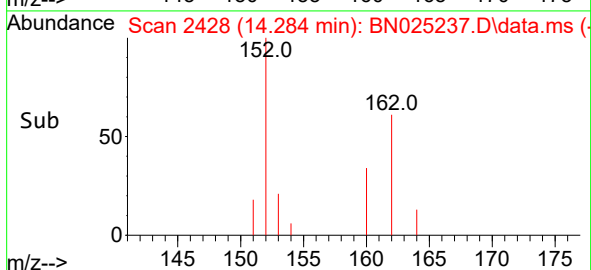
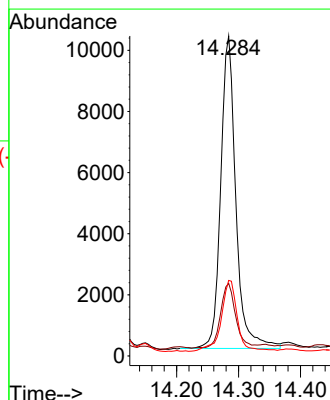
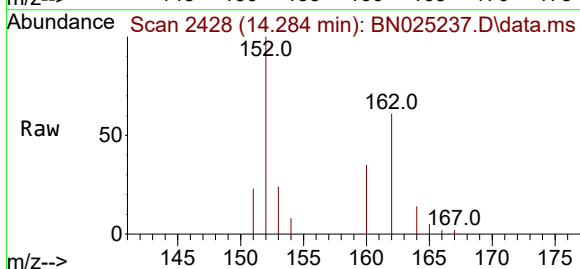
Tgt Ion:152 Resp: 17424

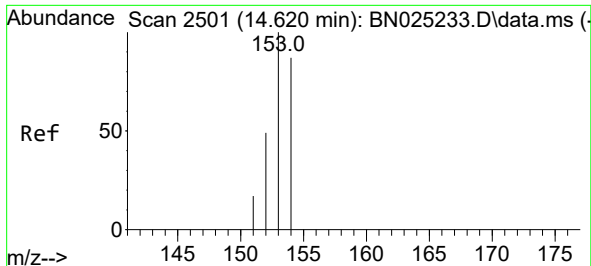
Ion Ratio Lower Upper

152 100

151 22.7 16.0 24.0

153 23.6 10.8 16.2#

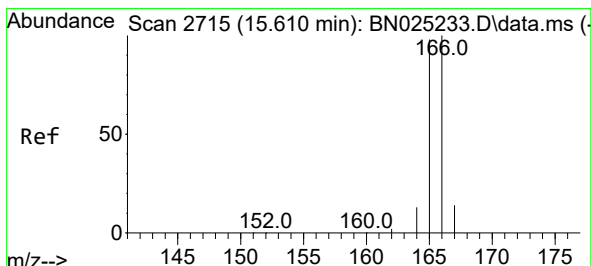
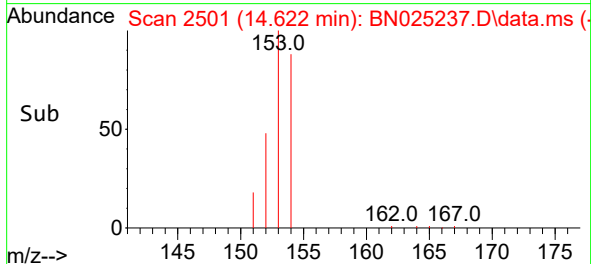
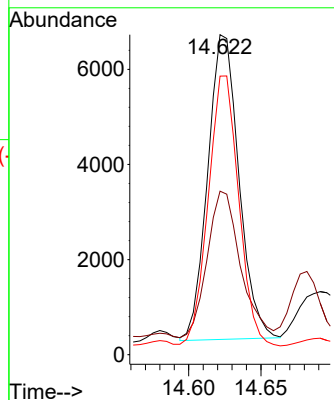
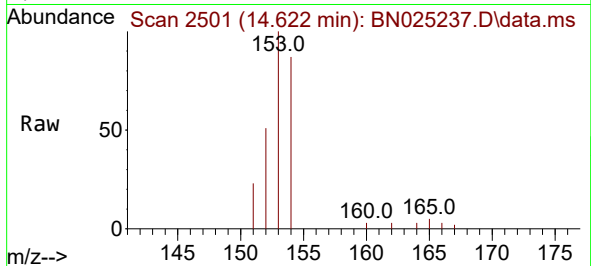




#11
Acenaphthene
Concen: 0.180 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

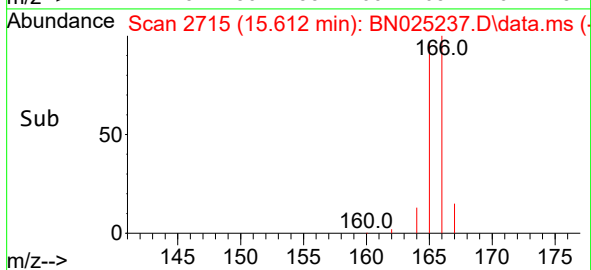
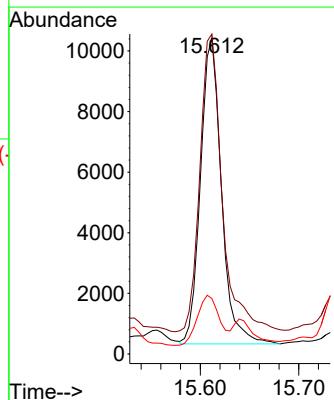
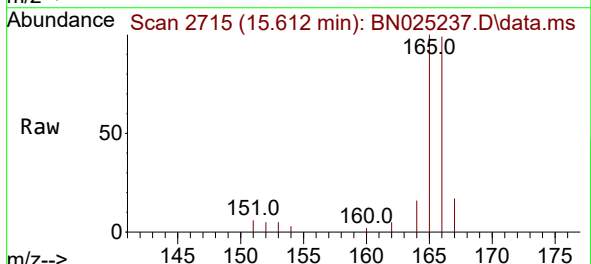
Instrument :
BNA_N
ClientSampleId :
EW921DL

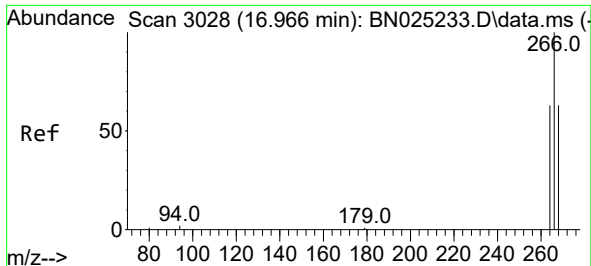
Tgt Ion:153 Resp: 9638
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 87.1 69.4 104.2



#12
Fluorene
Concen: 0.248 ng/ul
RT: 15.612 min Scan# 2715
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

Tgt Ion:166 Resp: 14899
Ion Ratio Lower Upper
166 100
165 101.3 78.1 117.1
167 17.5 11.0 16.6#

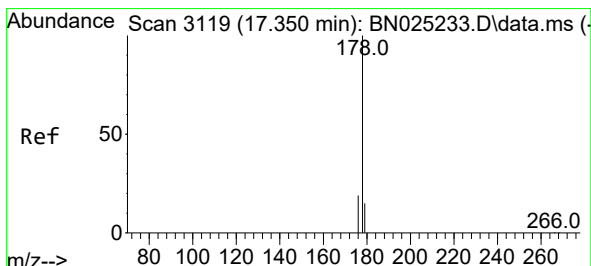
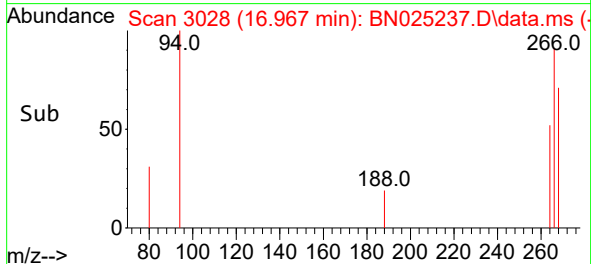
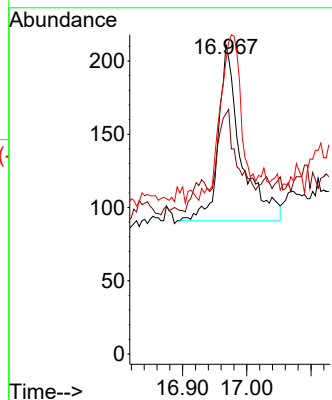
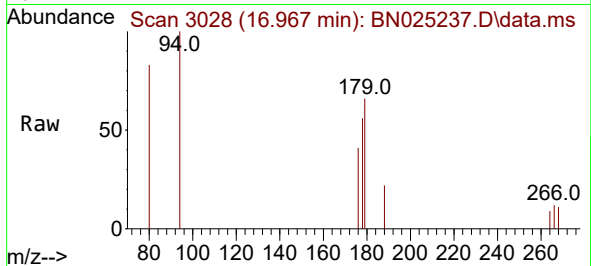




#14
 Pentachlorophenol
 Concen: 0.032 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. 0.002 min
 Lab File: BN025237.D
 Acq: 03 May 2023 13:35

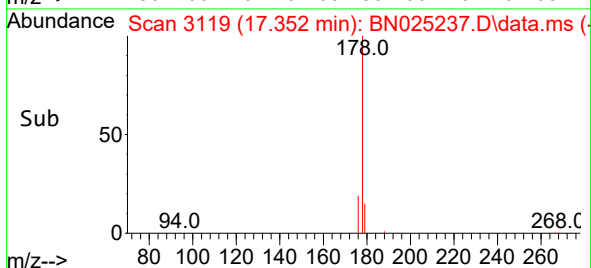
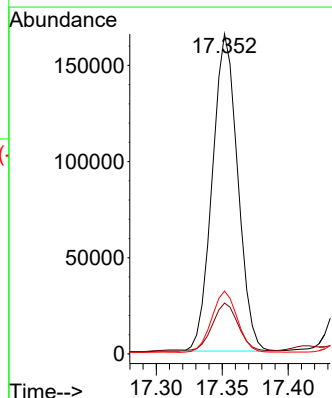
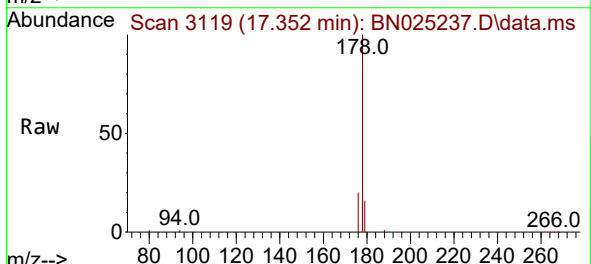
Instrument :
 BNA_N
 ClientSampleId :
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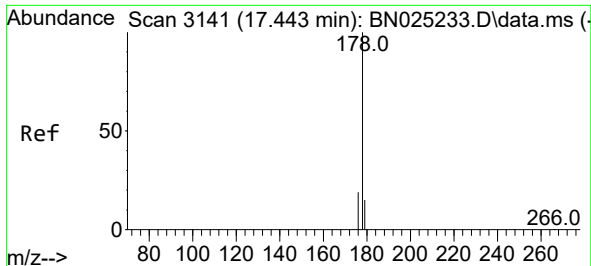
Tgt Ion:266 Resp: 292
 Ion Ratio Lower Upper
 266 100
 264 40.1 49.6 74.4#
 268 88.4 51.3 76.9#



#15
 Phenanthrene
 Concen: 1.685 ng/ul
 RT: 17.352 min Scan# 3119
 Delta R.T. 0.002 min
 Lab File: BN025237.D
 Acq: 03 May 2023 13:35

Tgt Ion:178 Resp: 221418
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.7 15.6 23.4

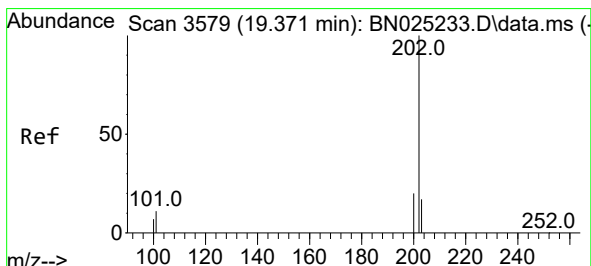
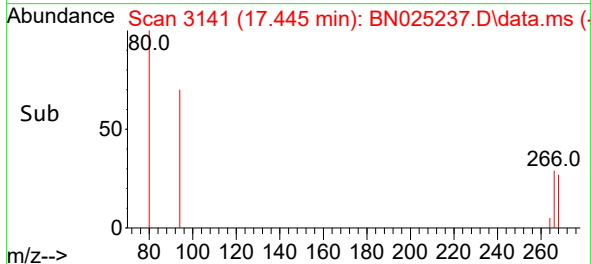
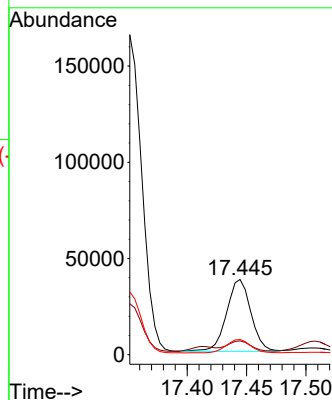
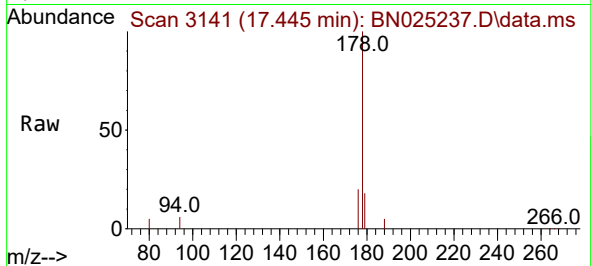




#16
 Anthracene
 Concen: 0.494 ng/ul
 RT: 17.445 min Scan# 3141
 Delta R.T. 0.002 min
 Lab File: BN025237.D
 Acq: 03 May 2023 13:35

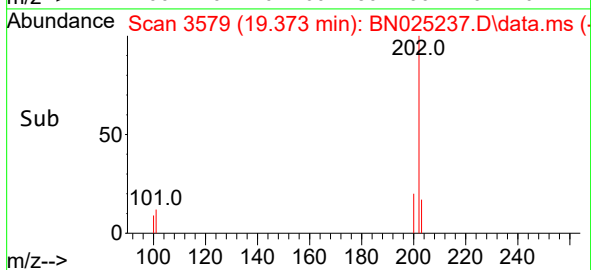
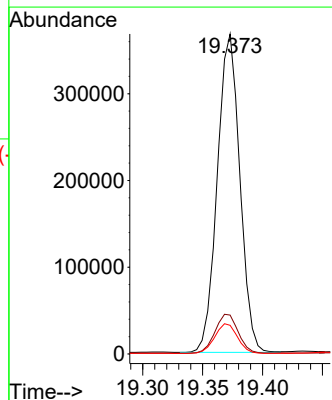
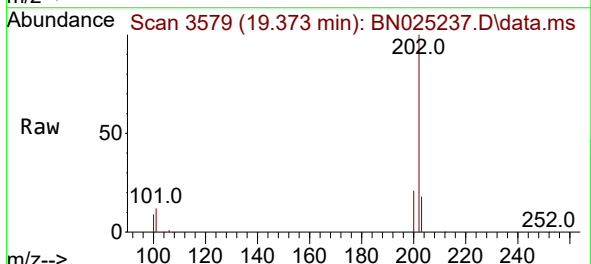
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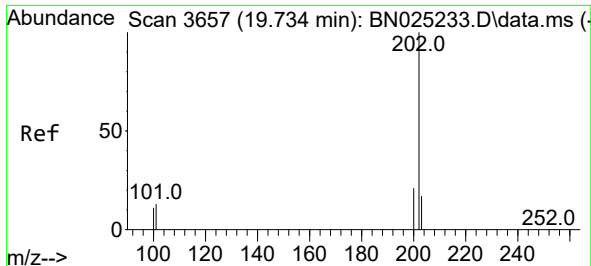
Tgt Ion:178 Resp: 53092
 Ion Ratio Lower Upper
 178 100
 179 18.3 12.7 19.1
 176 20.2 15.3 22.9



#19
 Fluoranthene
 Concen: 4.013 ng/ul
 RT: 19.373 min Scan# 3579
 Delta R.T. 0.002 min
 Lab File: BN025237.D
 Acq: 03 May 2023 13:35

Tgt Ion:202 Resp: 480198
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.7 14.5
 100 9.0 7.3 10.9

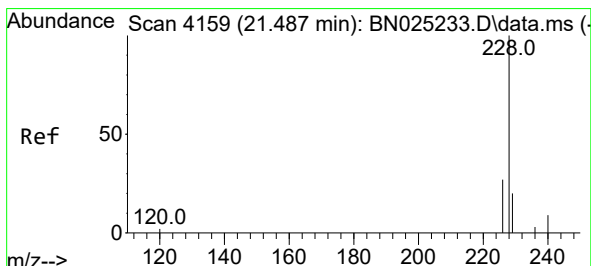
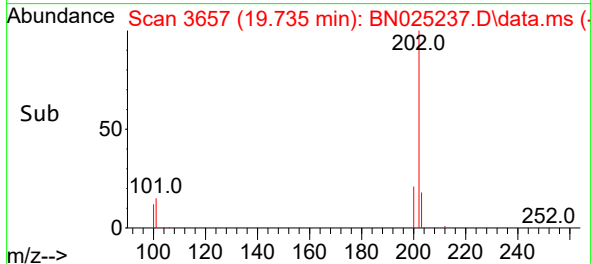
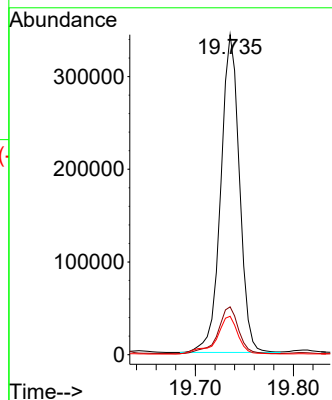
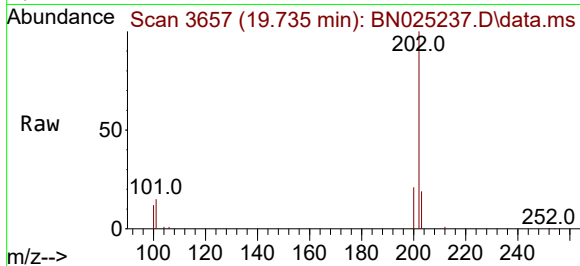




#20
Pyrene
Concen: 3.703 ng/ul
RT: 19.735 min Scan# 30
Delta R.T. 0.002 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

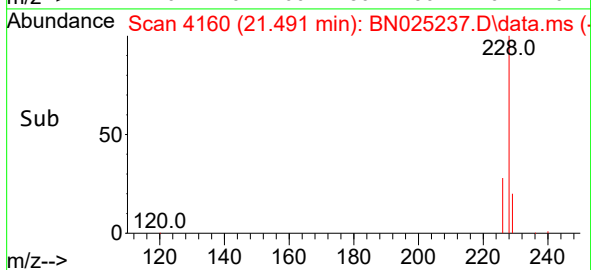
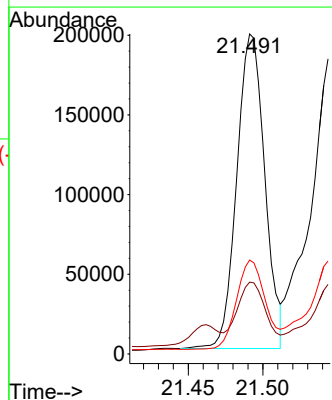
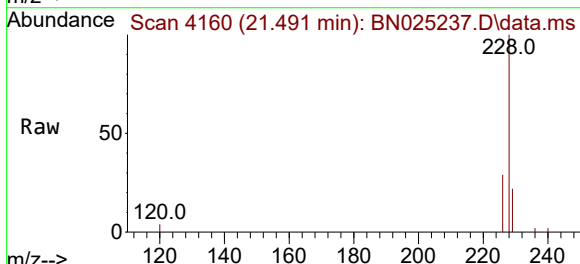
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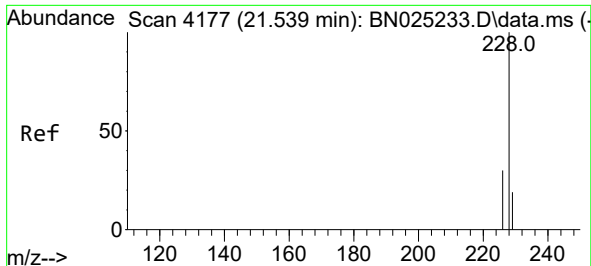
Tgt Ion:202 Resp: 455280
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.0 9.2 13.8



#21
Benzo(a)anthracene
Concen: 2.578 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. 0.004 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

Tgt Ion:228 Resp: 257065
Ion Ratio Lower Upper
228 100
229 22.5 15.6 23.4
226 29.4 22.1 33.1





#22

Chrysene

Concen: 2.584 ng/ul

RT: 21.544 min Scan# 4177

Delta R.T. 0.004 min

Lab File: BN025237.D

Acq: 03 May 2023 13:35

Instrument :

BNA_N

ClientSampleId :

EW921DL

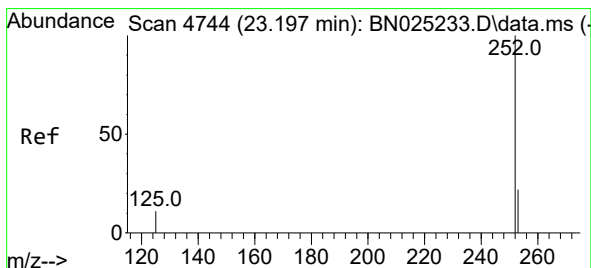
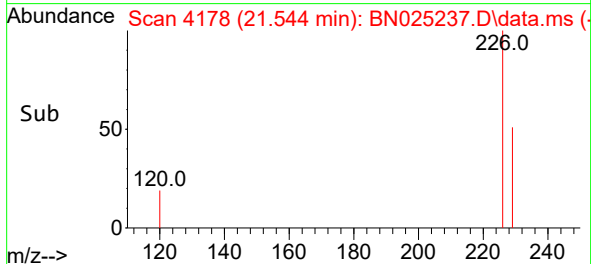
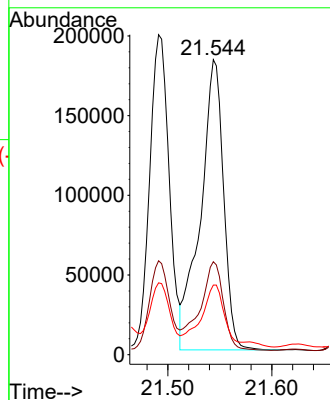
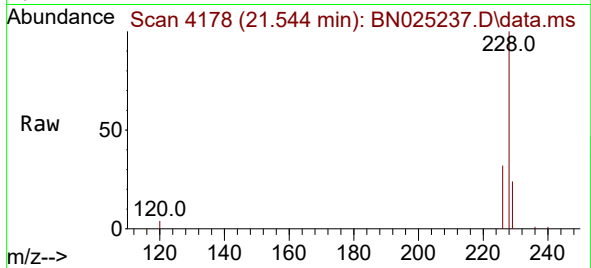
Tgt Ion:228 Resp: 281053

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 23.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 4.740 ng/ul

RT: 23.210 min Scan# 4748

Delta R.T. 0.013 min

Lab File: BN025237.D

Acq: 03 May 2023 13:35

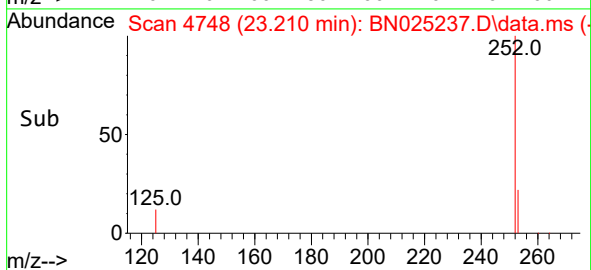
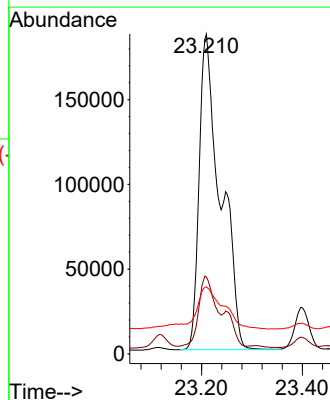
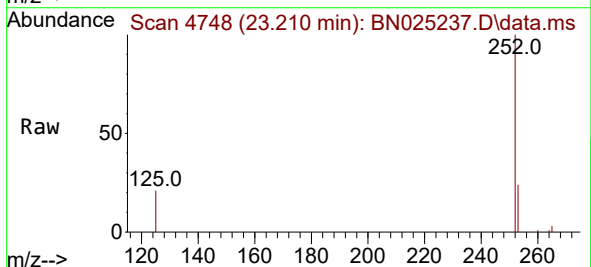
Tgt Ion:252 Resp: 547923

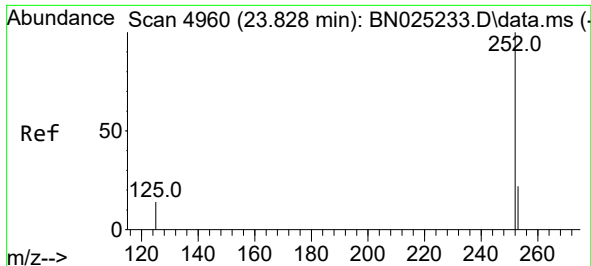
Ion Ratio Lower Upper

252 100

253 24.0 0.0 50.2

125 21.0 0.0 30.4

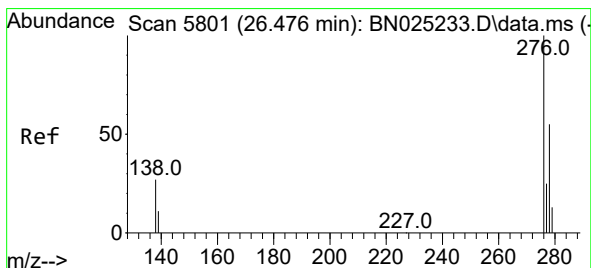
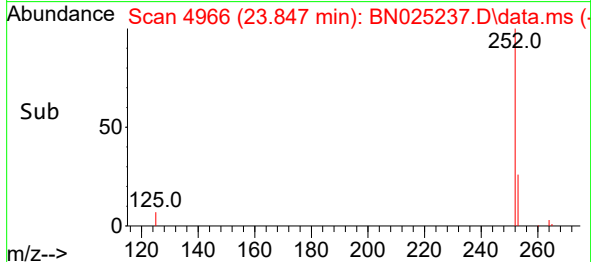
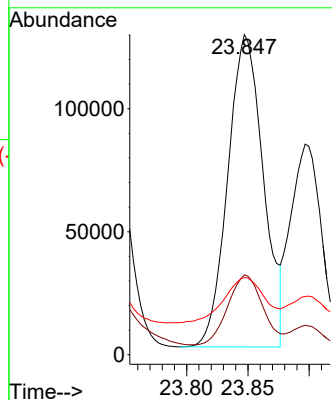
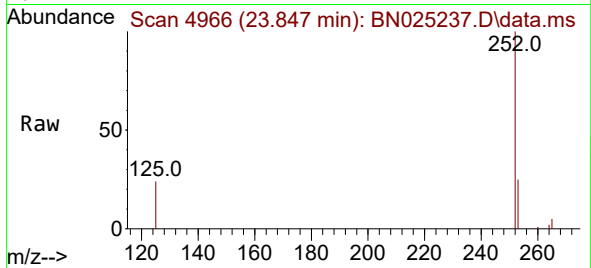




#26
Benzo(a)pyrene
Concen: 2.678 ng/ul
RT: 23.847 min Scan# 4966
Delta R.T. 0.019 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

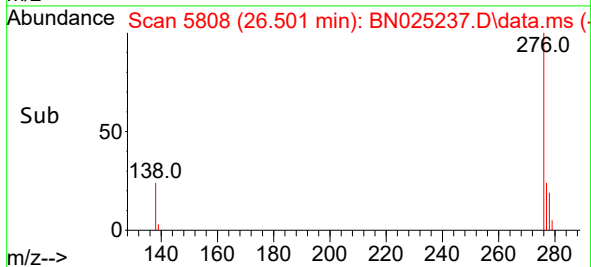
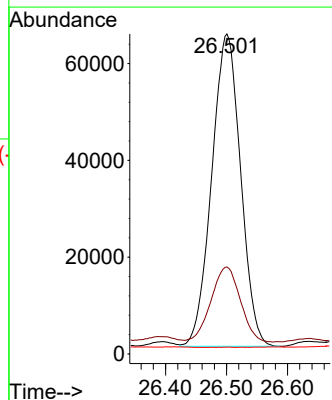
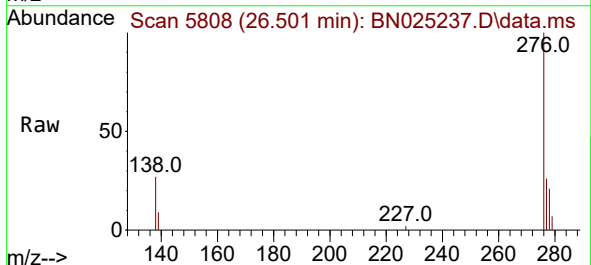
Instrument :
BNA_N
ClientSampleId :
EW921DL

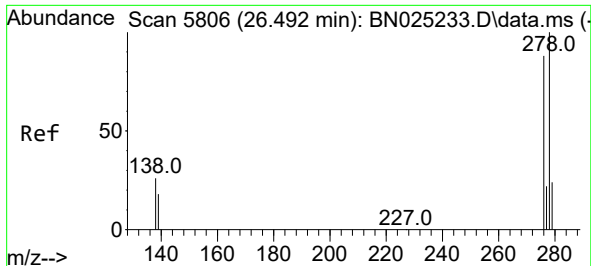
Tgt Ion:252 Resp: 256120
Ion Ratio Lower Upper
252 100
253 25.0 21.4 32.2
125 24.1 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.927 ng/ul
RT: 26.501 min Scan# 5808
Delta R.T. 0.025 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

Tgt Ion:276 Resp: 212394
Ion Ratio Lower Upper
276 100
138 24.4 21.9 32.9
227 0.0 0.1 0.1#

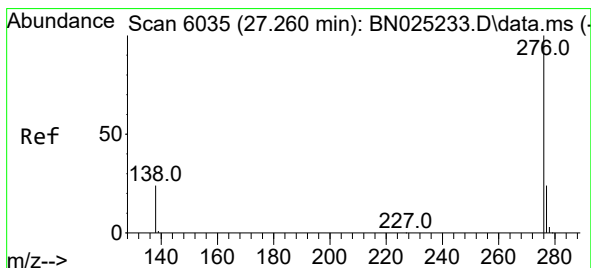
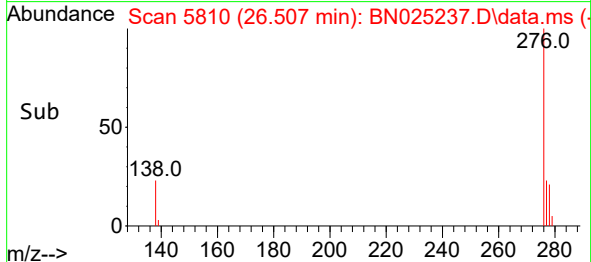
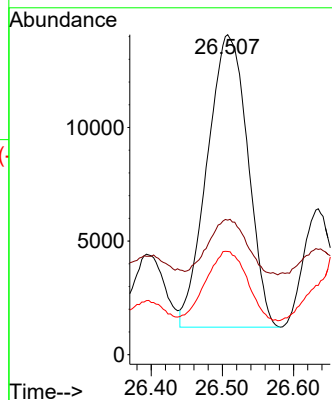
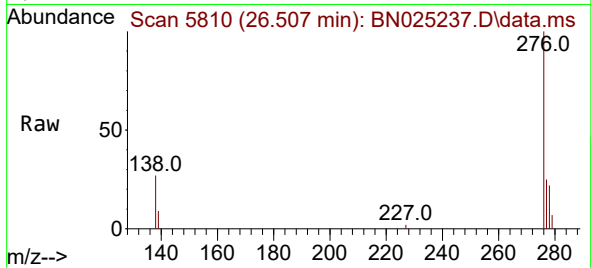




#28
Dibenzo(a,h)anthracene
Concen: 0.593 ng/ul
RT: 26.507 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

Instrument :
BNA_N
ClientSampleId :
EW921DL

Tgt Ion:278 Resp: 51080
Ion Ratio Lower Upper
278 100
139 42.1 17.0 25.6#
279 32.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 2.303 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. 0.025 min
Lab File: BN025237.D
Acq: 03 May 2023 13:35

Tgt Ion:276 Resp: 215771
Ion Ratio Lower Upper
276 100
138 28.1 20.3 30.5
277 24.9 19.8 29.6

