

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025236.D
 Acq On : 03 May 2023 11:47
 Operator : CG/JU
 Sample : 02419-33
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW928

Quant Time: May 04 04:28:51 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

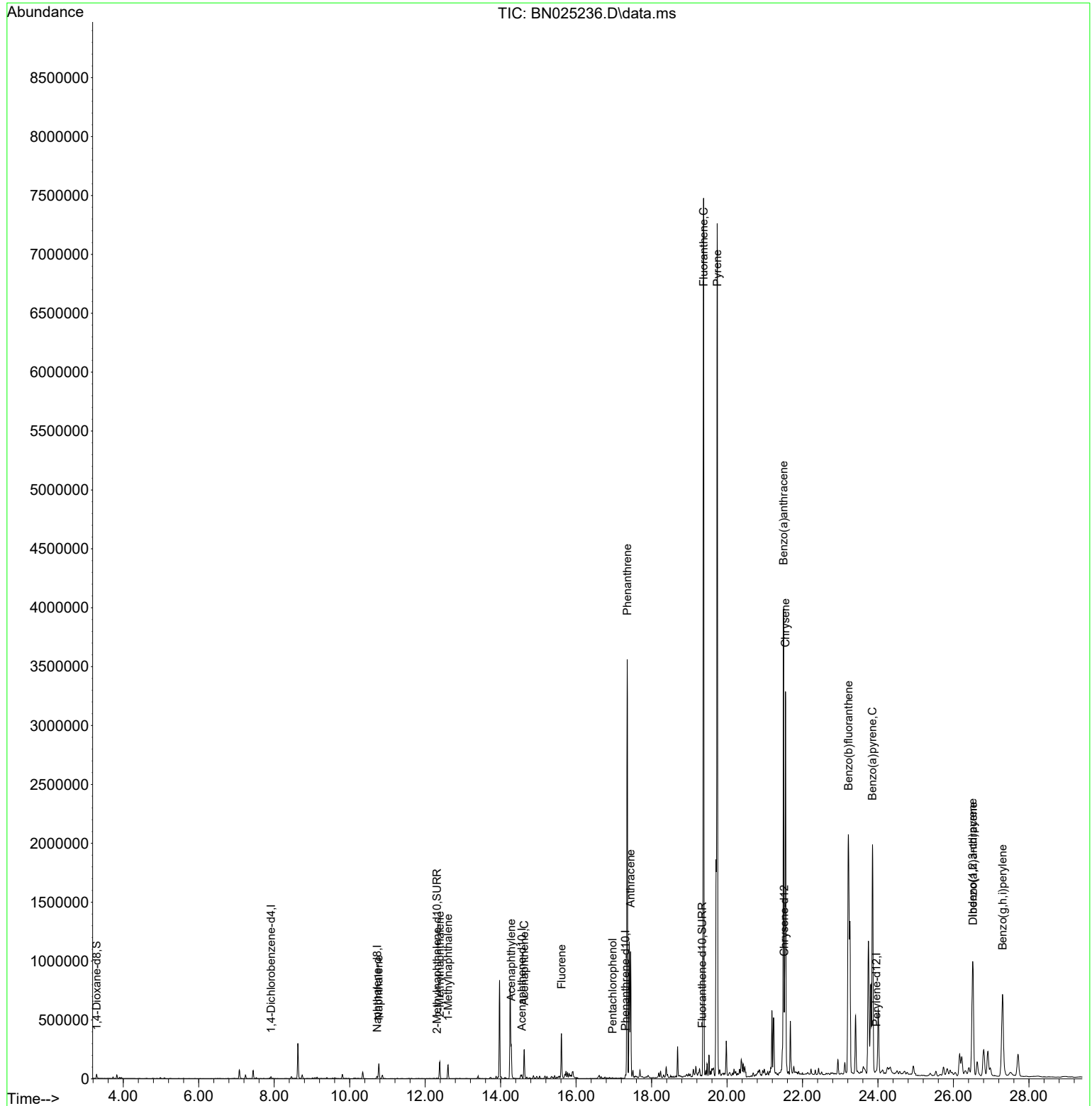
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25322	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	34197	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	28394	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	23591	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	19870	2.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6906	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	15316	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	169028	2.605	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	98175	2.470	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	79594	1.879	ng/ul	100
10) Acenaphthylene	14.283	152	328301	5.298	ng/ul	99
11) Acenaphthene	14.626	153	141846	2.716	ng/ul	98
12) Fluorene	15.611	166	232060	3.974	ng/ul	99
14) Pentachlorophenol	16.967	266	419	0.062	ng/ul#	88
15) Phenanthrene	17.355	178	3824082	39.617	ng/ul	100
16) Anthracene	17.444	178	1110260	14.060	ng/ul	99
19) Fluoranthene	19.377	202	6508395	63.386	ng/ul	96
20) Pyrene	19.739	202	6069472	57.533	ng/ul	96
21) Benzo(a)anthracene	21.496	228	3461982	40.462	ng/ul	97
22) Chrysene	21.549	228	3242043	34.735	ng/ul	97
24) Benzo(b)fluoranthene	23.215	252	5086531	53.144	ng/ul	96
26) Benzo(a)pyrene	23.855	252	2746496	34.682	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.510	276	1613971	17.689	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.520	278	424332	5.954	ng/ul	98
29) Benzo(g,h,i)perylene	27.301	276	1524776	19.654	ng/ul	100

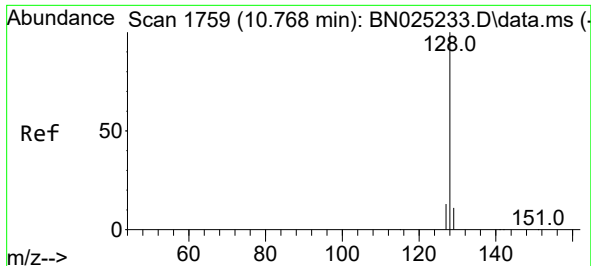
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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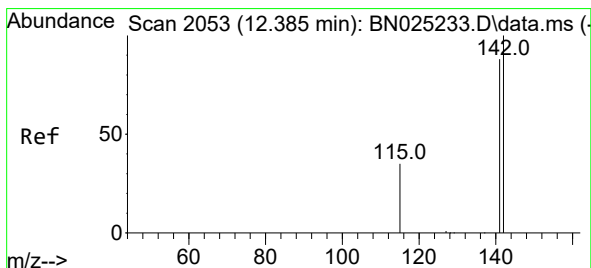
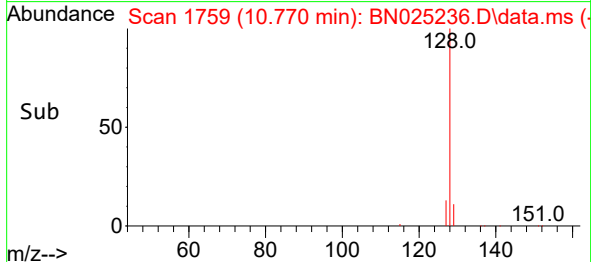
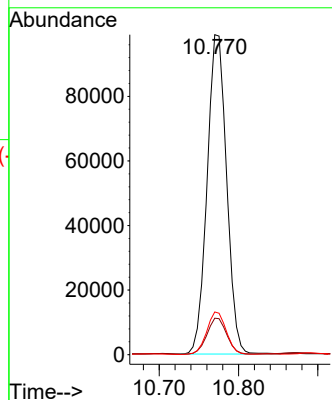
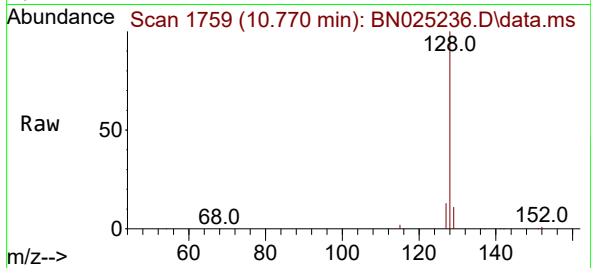




#5
Naphthalene
Concen: 2.605 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. 0.002 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

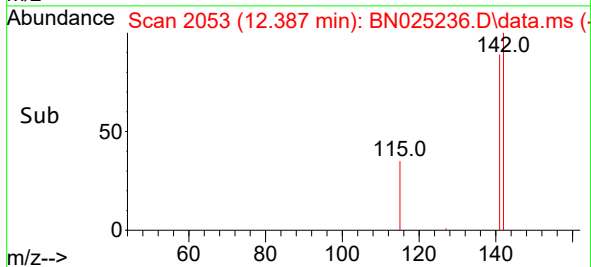
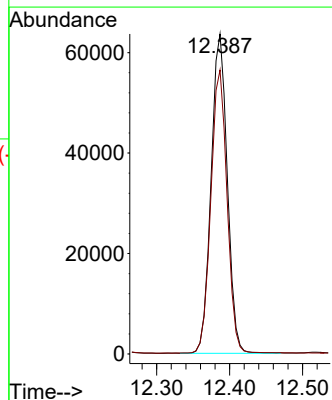
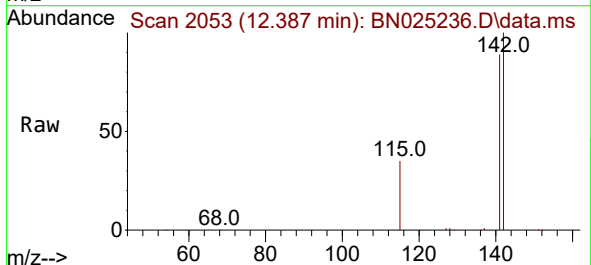
Instrument :
BNA_N
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EW928

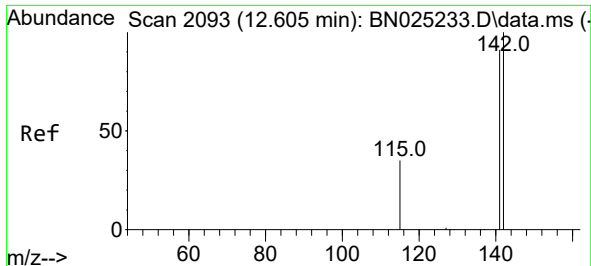
Tgt Ion:128 Resp: 169028
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 2.470 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

Tgt Ion:142 Resp: 98175
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

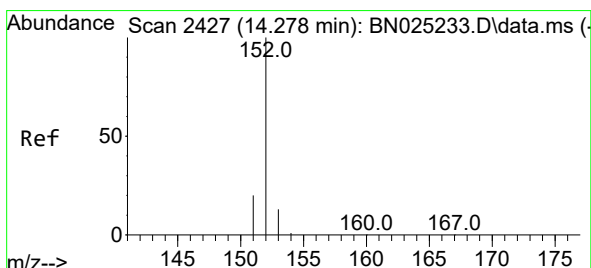
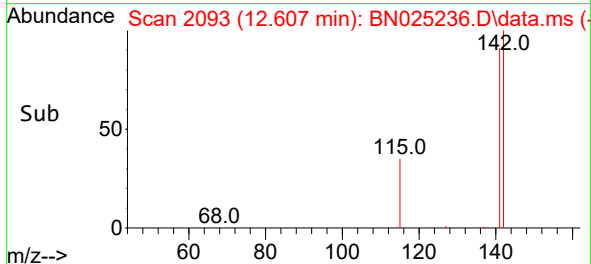
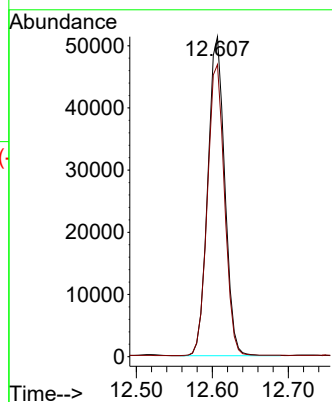
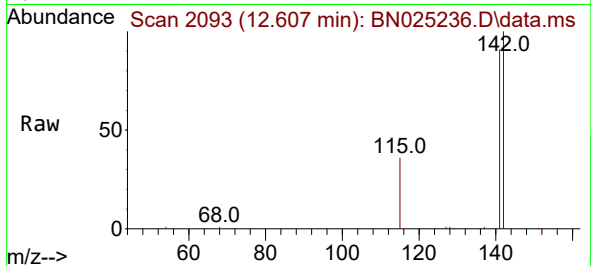




#8
1-Methylnaphthalene
Concen: 1.879 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

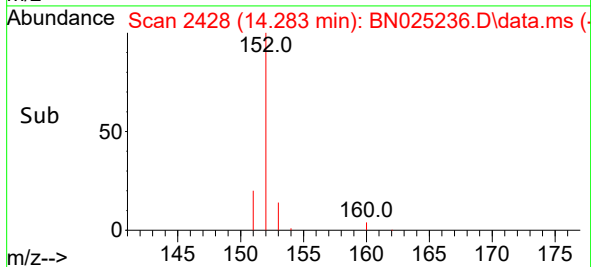
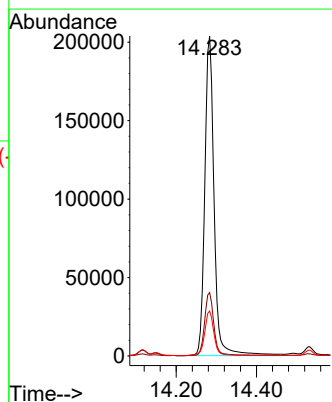
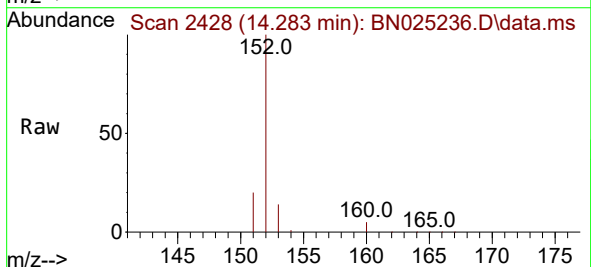
Instrument :
BNA_N
ClientSampleId :
EW928

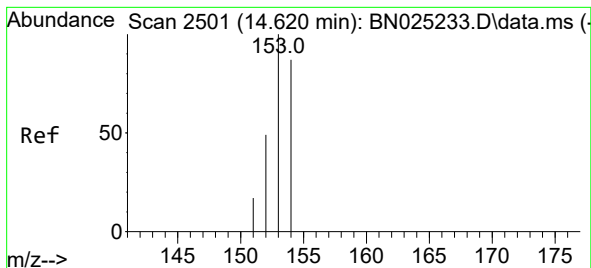
Tgt Ion:142 Resp: 79594
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6



#10
Acenaphthylene
Concen: 5.298 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

Tgt Ion:152 Resp: 328301
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 14.0 10.8 16.2





#11

Acenaphthene

Concen: 2.716 ng/ul

RT: 14.626 min Scan# 2501

Delta R.T. 0.005 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

Instrument :

BNA_N

ClientSampleId :

EW928

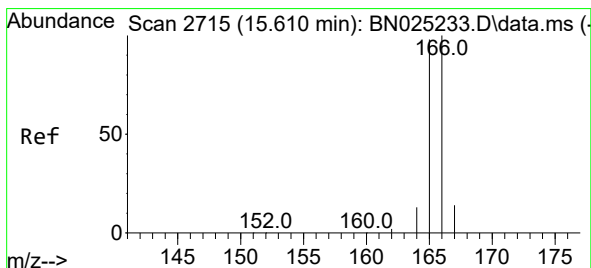
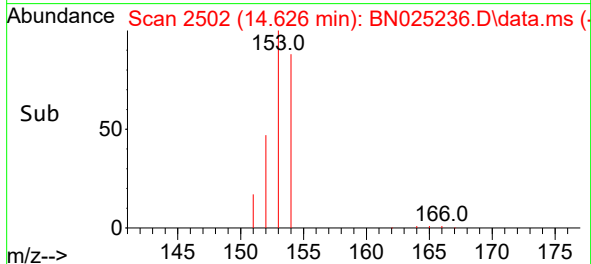
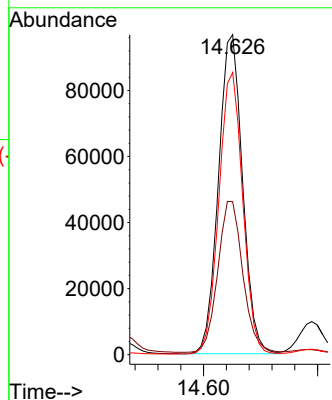
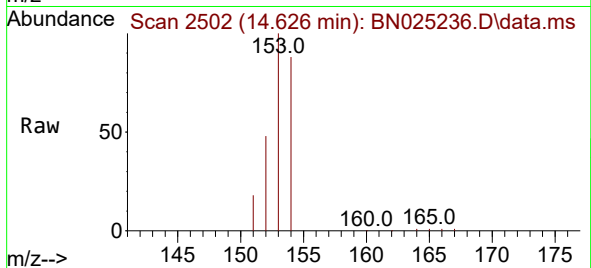
Tgt Ion:153 Resp: 141846

Ion Ratio Lower Upper

153 100

152 47.8 40.2 60.4

154 88.2 69.4 104.2



#12

Fluorene

Concen: 3.974 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

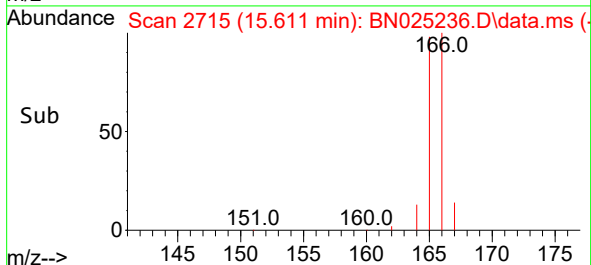
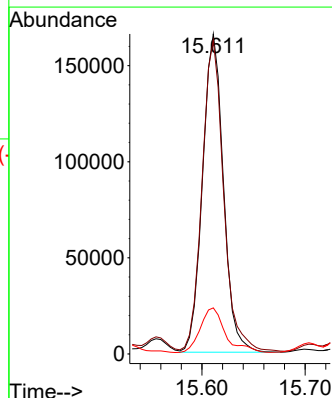
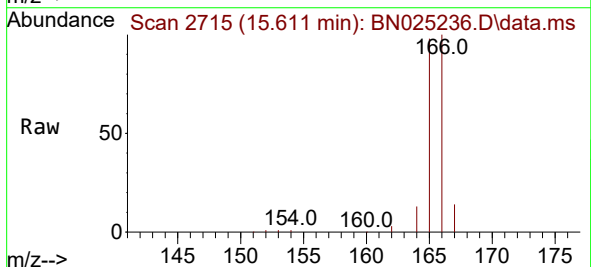
Tgt Ion:166 Resp: 232060

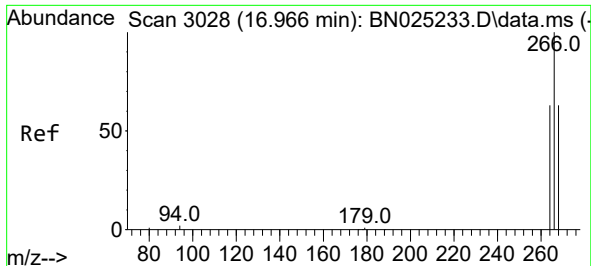
Ion Ratio Lower Upper

166 100

165 98.1 78.1 117.1

167 14.4 11.0 16.6

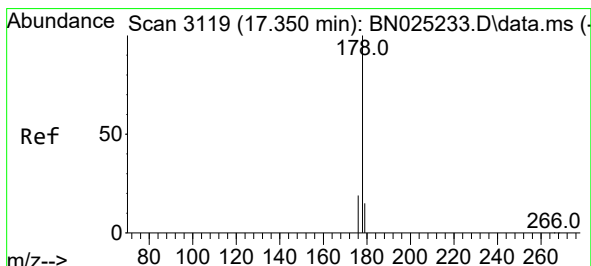
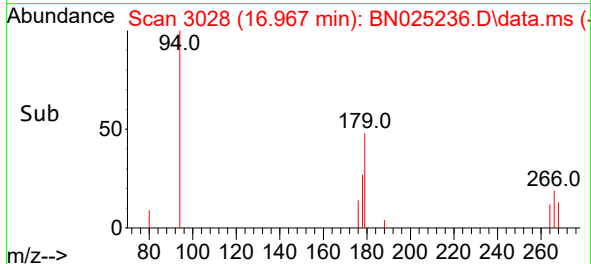
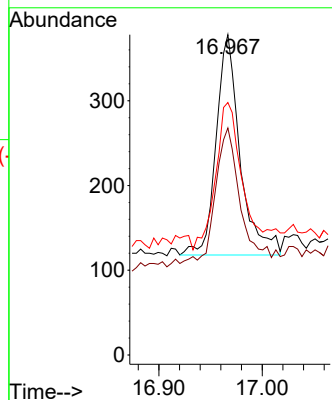
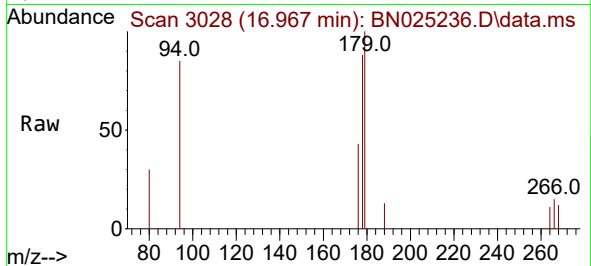




#14
Pentachlorophenol
Concen: 0.062 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

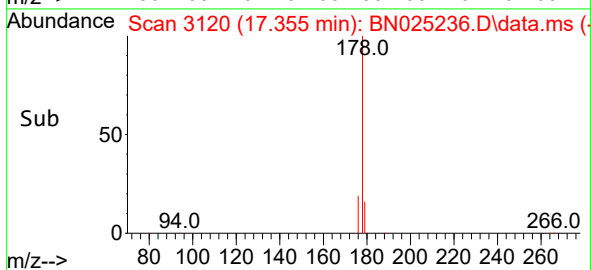
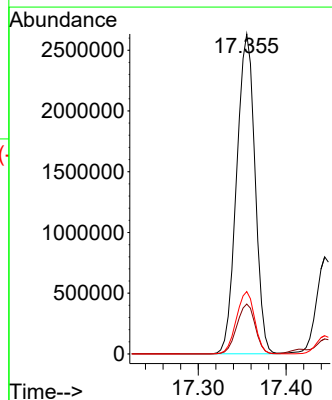
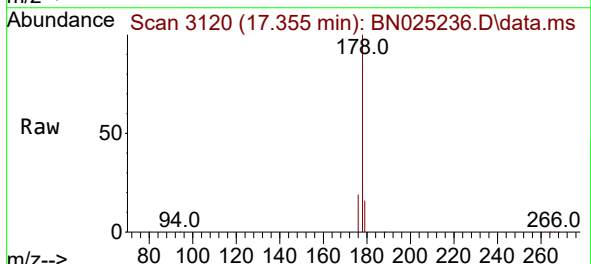
Instrument :
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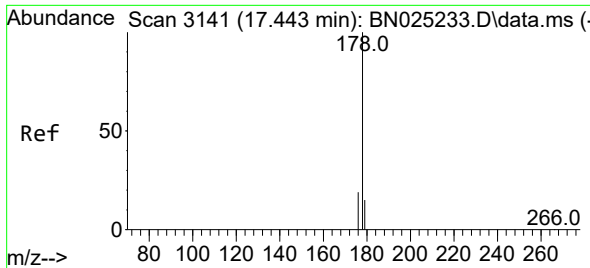
Tgt Ion:266 Resp: 419
Ion Ratio Lower Upper
266 100
264 66.6 49.6 74.4
268 78.8 51.3 76.9#



#15
Phenanthrene
Concen: 39.617 ng/ul
RT: 17.355 min Scan# 3120
Delta R.T. 0.005 min
Lab File: BN025236.D
Acq: 03 May 2023 11:47

Tgt Ion:178 Resp: 3824082
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4

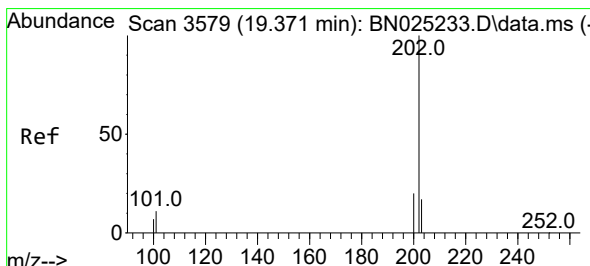
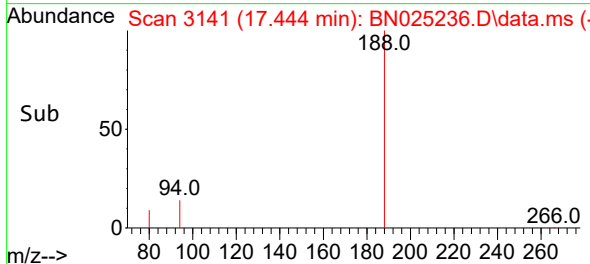
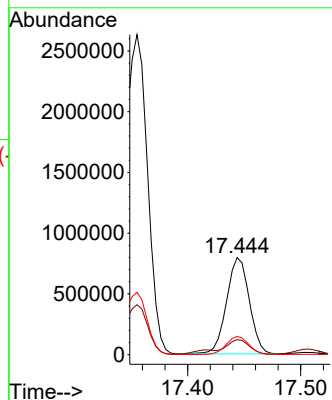
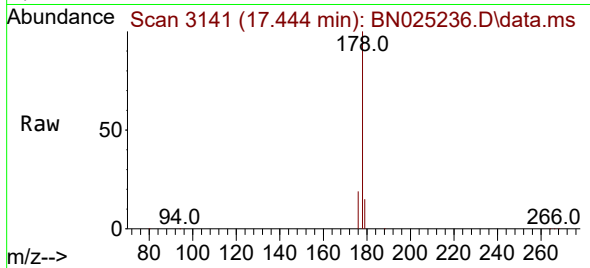




#16
 Anthracene
 Concen: 14.060 ng/ul
 RT: 17.444 min Scan# 3141
 Delta R.T. 0.001 min
 Lab File: BN025236.D
 Acq: 03 May 2023 11:47

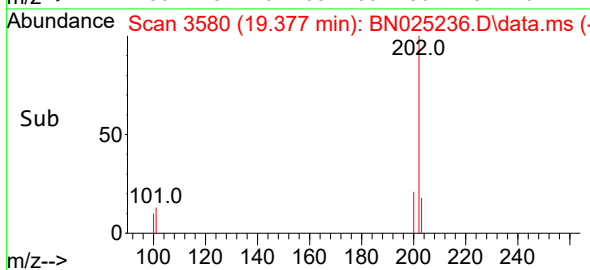
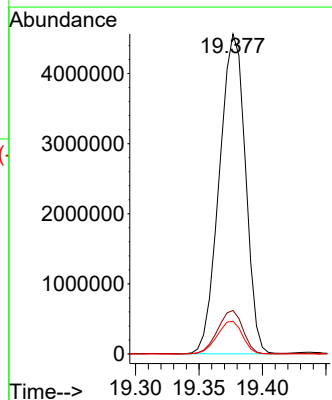
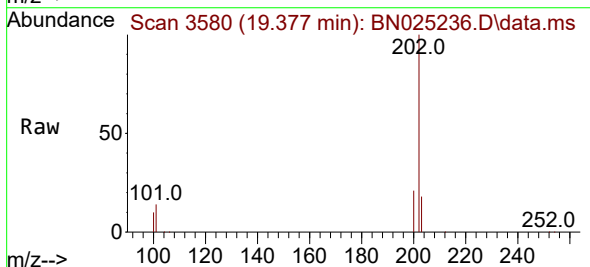
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 EW928

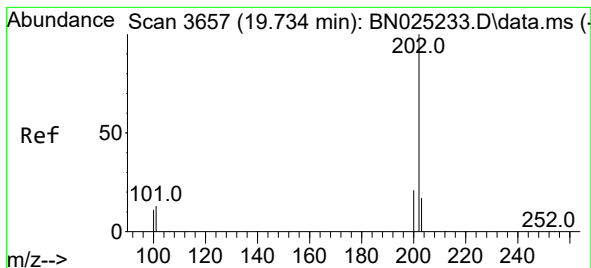
Tgt Ion:178 Resp: 1110260
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.7 19.1
 176 18.8 15.3 22.9



#19
 Fluoranthene
 Concen: 63.386 ng/ul
 RT: 19.377 min Scan# 3580
 Delta R.T. 0.005 min
 Lab File: BN025236.D
 Acq: 03 May 2023 11:47

Tgt Ion:202 Resp: 6508395
 Ion Ratio Lower Upper
 202 100
 101 13.6 9.7 14.5
 100 10.3 7.3 10.9





#20

Pyrene

Concen: 57.533 ng/ul

RT: 19.739 min Scan# 3

Delta R.T. 0.005 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

Instrument :

BNA_N

ClientSampleId :

EW928

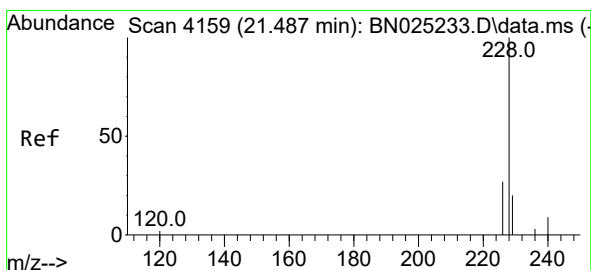
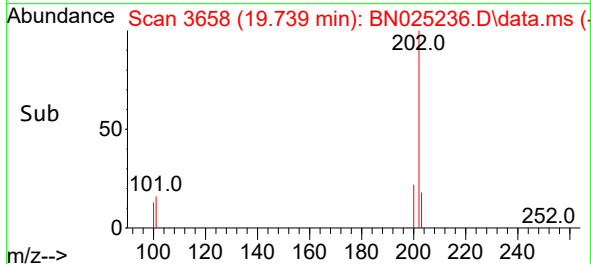
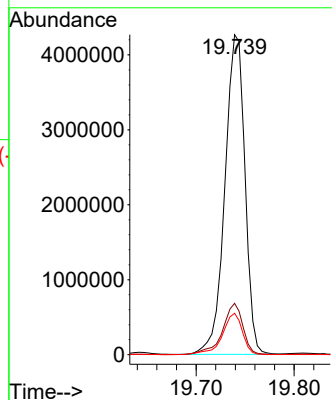
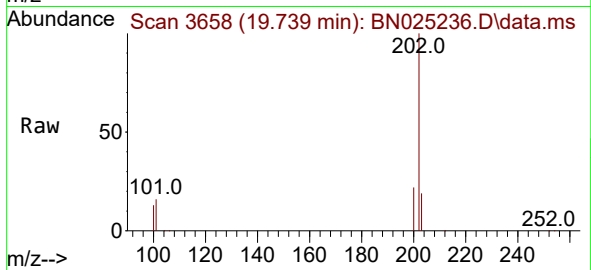
Tgt Ion:202 Resp: 6069472

Ion Ratio Lower Upper

202 100

101 16.1 11.3 16.9

100 12.9 9.2 13.8



#21

Benzo(a)anthracene

Concen: 40.462 ng/ul

RT: 21.496 min Scan# 4162

Delta R.T. 0.010 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

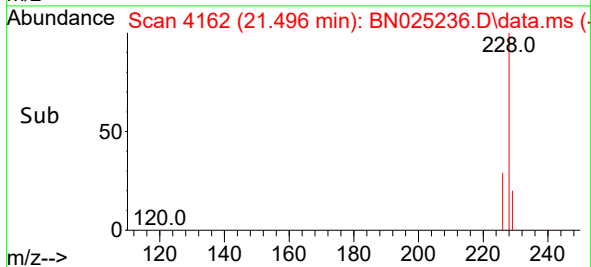
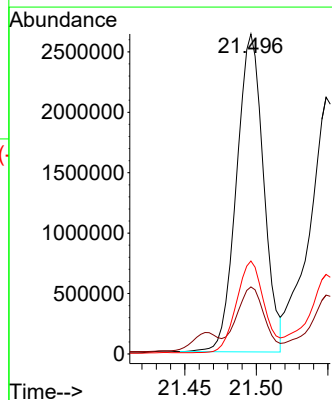
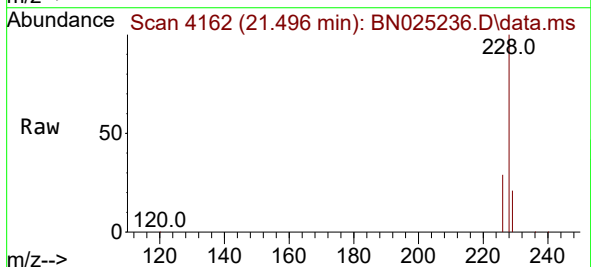
Tgt Ion:228 Resp: 3461982

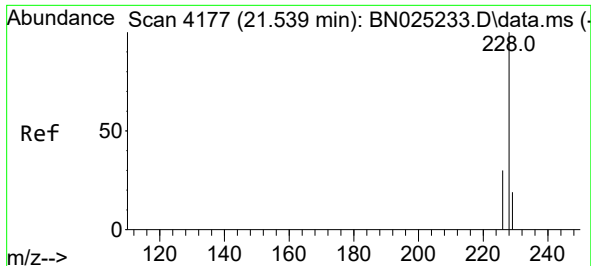
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 29.0 22.1 33.1





#22

Chrysene

Concen: 34.735 ng/ul

RT: 21.549 min Scan# 41

Delta R.T. 0.010 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

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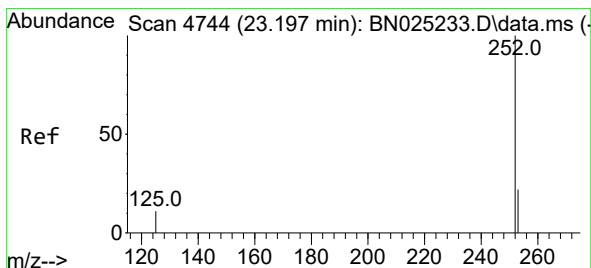
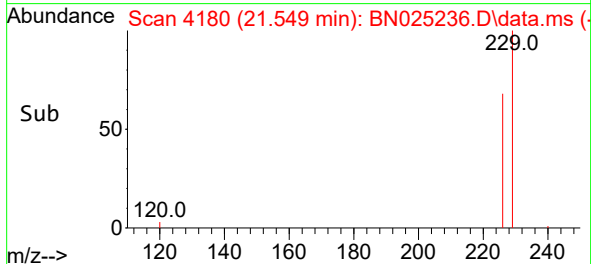
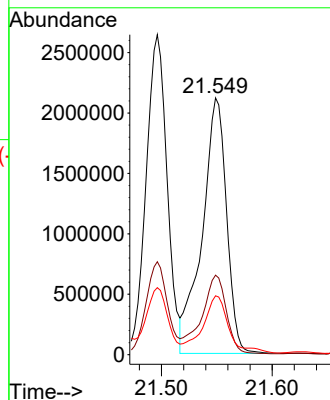
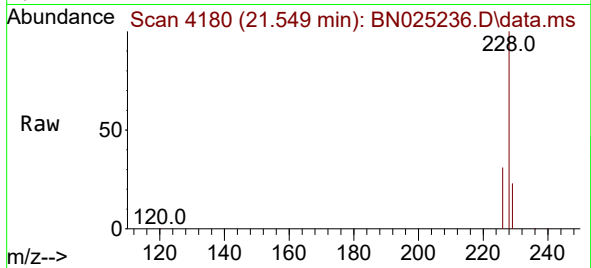
Tgt Ion:228 Resp: 3242043

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 22.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 53.144 ng/ul

RT: 23.215 min Scan# 4750

Delta R.T. 0.018 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

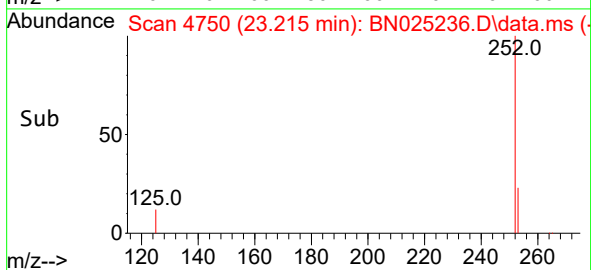
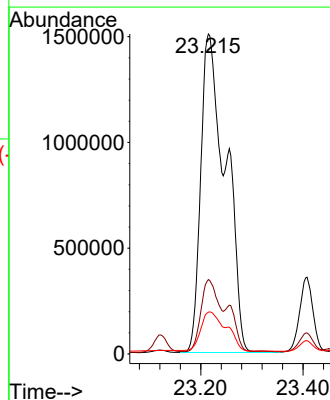
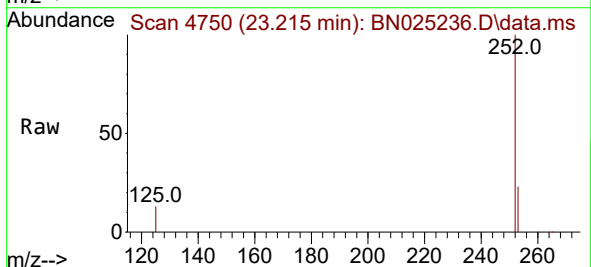
Tgt Ion:252 Resp: 5086531

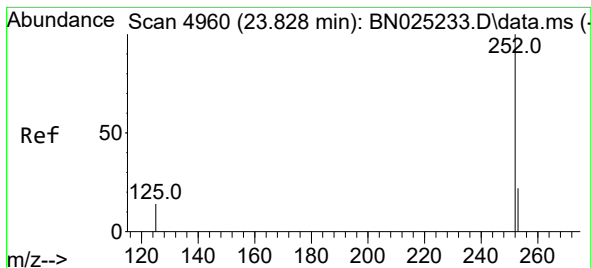
Ion Ratio Lower Upper

252 100

253 23.2 0.0 50.2

125 13.1 0.0 30.4





#26

Benzo(a)pyrene

Concen: 34.682 ng/ul

RT: 23.855 min Scan# 4969

Delta R.T. 0.027 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

Instrument :

BN025236.D

ClientSampleId :

EW928

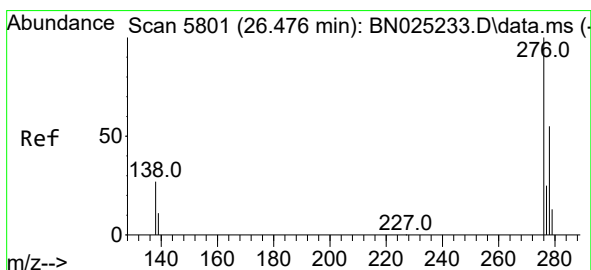
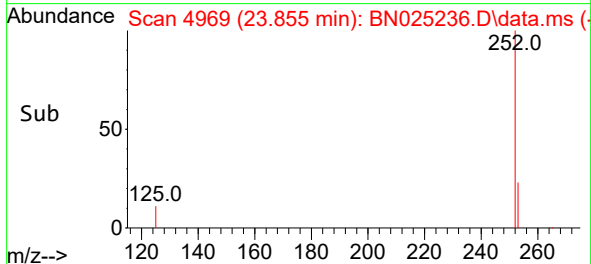
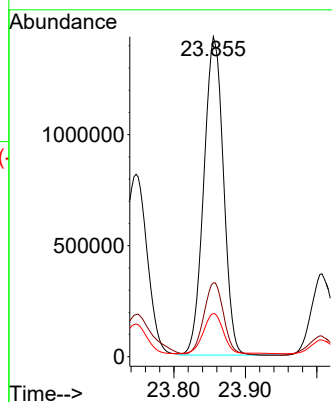
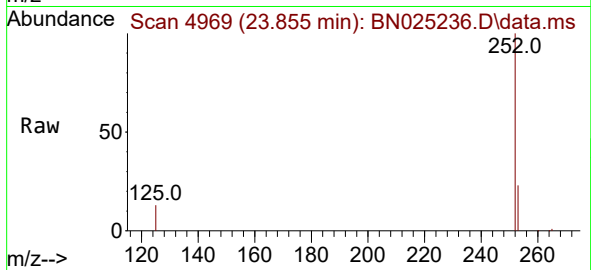
Tgt Ion:252 Resp: 2746496

Ion Ratio Lower Upper

252 100

253 23.0 21.4 32.2

125 13.5 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 17.689 ng/ul

RT: 26.510 min Scan# 5811

Delta R.T. 0.034 min

Lab File: BN025236.D

Acq: 03 May 2023 11:47

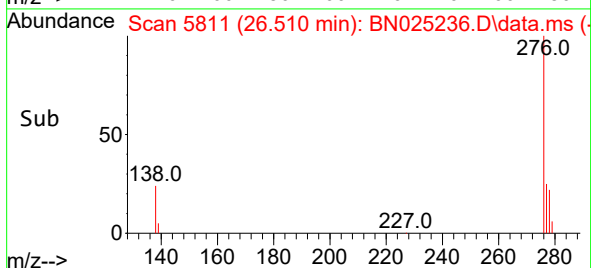
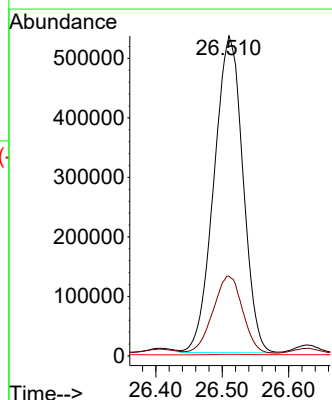
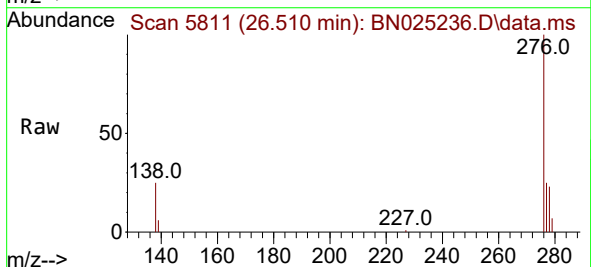
Tgt Ion:276 Resp: 1613971

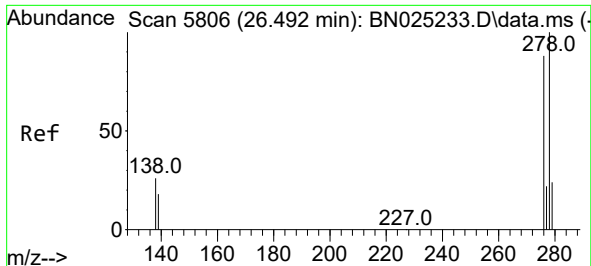
Ion Ratio Lower Upper

276 100

138 24.7 21.9 32.9

227 0.2 0.1 0.1#

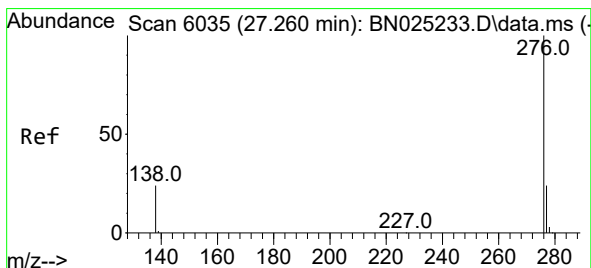
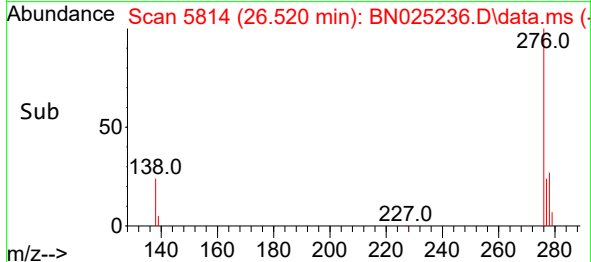
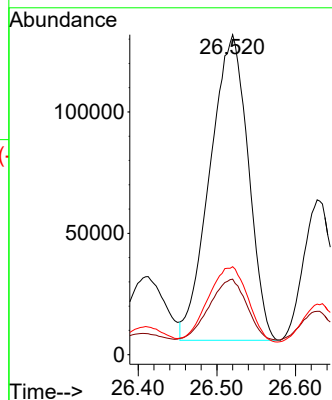
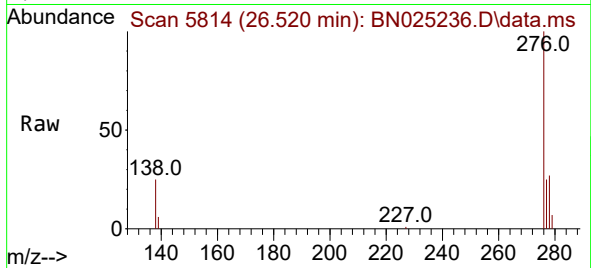




#28
 Dibenzo(a,h)anthracene
 Concen: 5.954 ng/ul
 RT: 26.520 min Scan# 5814
 Delta R.T. 0.028 min
 Lab File: BN025236.D
 Acq: 03 May 2023 11:47

Instrument :
 BNA_N
 ClientSampleId :
 EW928

Tgt Ion:278 Resp: 424332
 Ion Ratio Lower Upper
 278 100
 139 23.6 17.0 25.6
 279 27.5 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 19.654 ng/ul
 RT: 27.301 min Scan# 6047
 Delta R.T. 0.041 min
 Lab File: BN025236.D
 Acq: 03 May 2023 11:47

Tgt Ion:276 Resp: 1524776
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.3 30.5
 277 24.4 19.8 29.6

