

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025243.D
 Acq On : 03 May 2023 17:19
 Operator : CG/JU
 Sample : 02447-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW911

Quant Time: May 04 04:30:08 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)

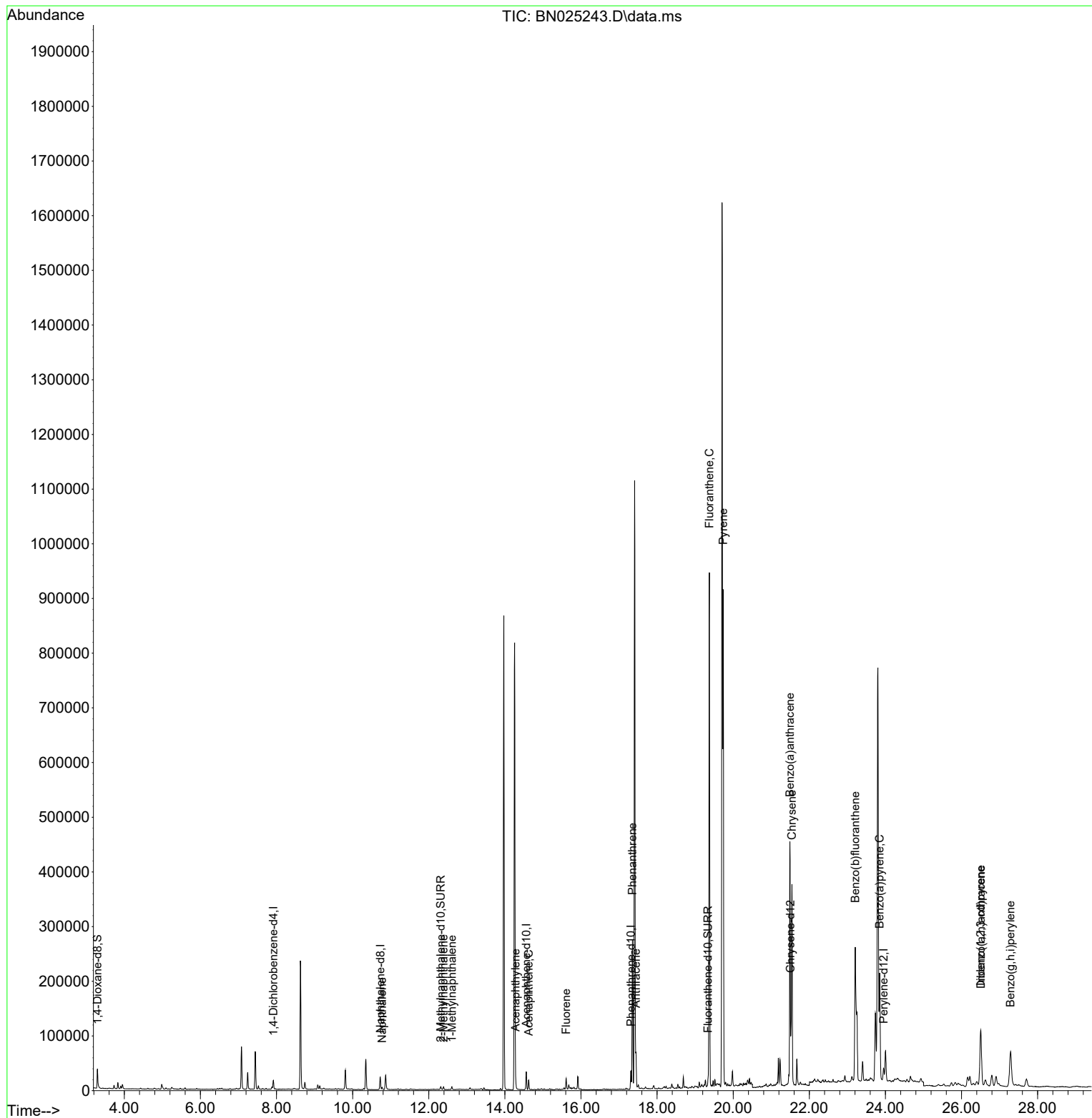
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28995	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	38610	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	31921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.949	264	27082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	21280	2.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6875	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	17887	0.212	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	5606	0.075	ng/ul#	93
7) 2-Methylnaphthalene	12.387	142	3548	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	3538	0.073	ng/ul	99
10) Acenaphthylene	14.283	152	17325	0.264	ng/ul	96
11) Acenaphthene	14.626	153	10296	0.186	ng/ul	99
12) Fluorene	15.611	166	12307	0.199	ng/ul	98
15) Phenanthrene	17.351	178	285345	2.618	ng/ul	100
16) Anthracene	17.444	178	63198	0.709	ng/ul	100
19) Fluoranthene	19.373	202	765252	6.629	ng/ul	100
20) Pyrene	19.735	202	725349	6.116	ng/ul	99
21) Benzo(a)anthracene	21.491	228	361039	3.753	ng/ul	98
22) Chrysene	21.544	228	362290	3.453	ng/ul	97
24) Benzo(b)fluoranthene	23.207	252	535316	4.872	ng/ul	98
26) Benzo(a)pyrene	23.847	252	271835	2.990	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.504	276	172088	1.643	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.511	278	42890	0.524	ng/ul#	86
29) Benzo(g,h,i)perylene	27.289	276	157803	1.772	ng/ul	98

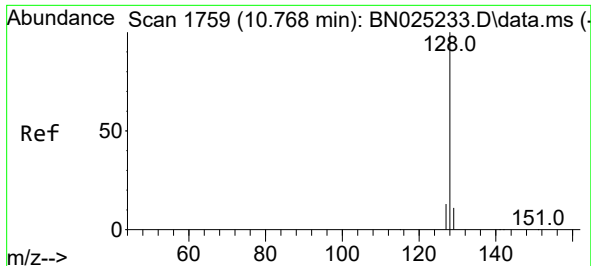
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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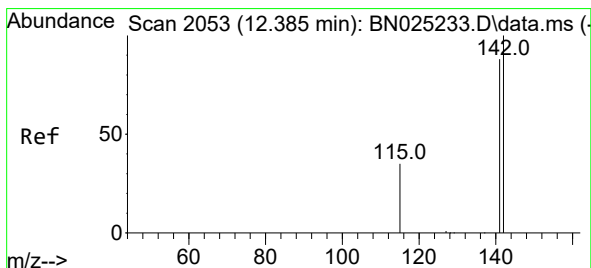
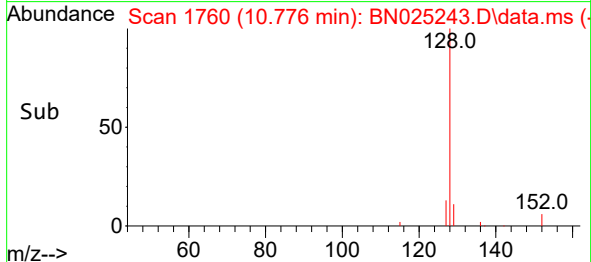
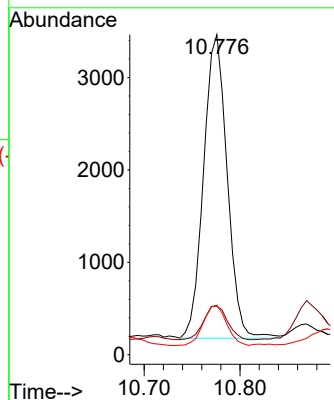
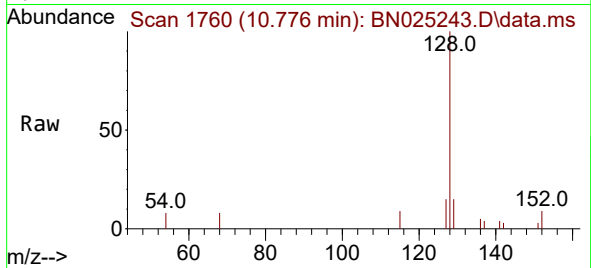




#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

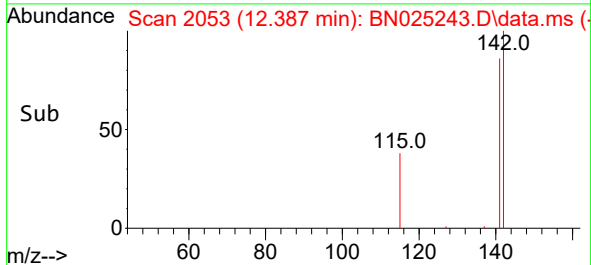
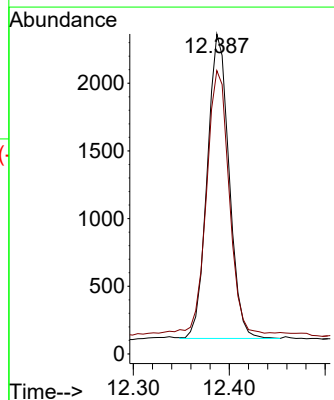
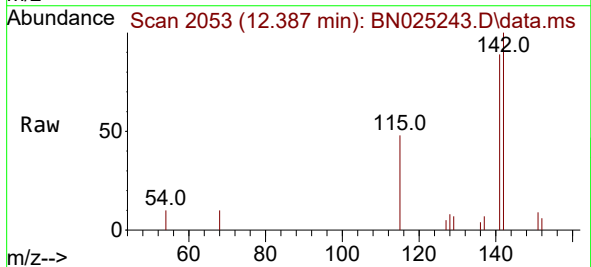
Instrument :
BNA_N
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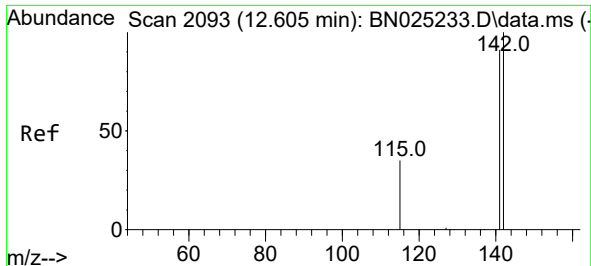
Tgt Ion:128 Resp: 5606
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.6#
127 15.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:142 Resp: 3548
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0

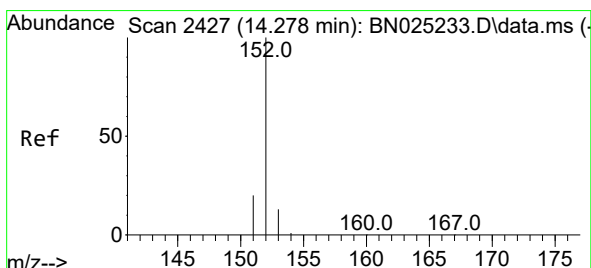
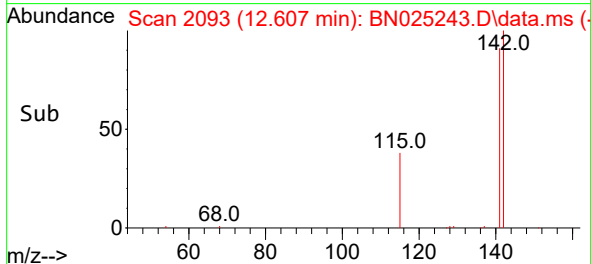
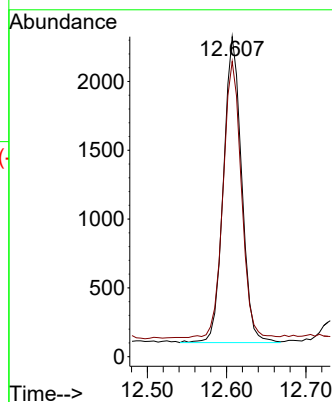
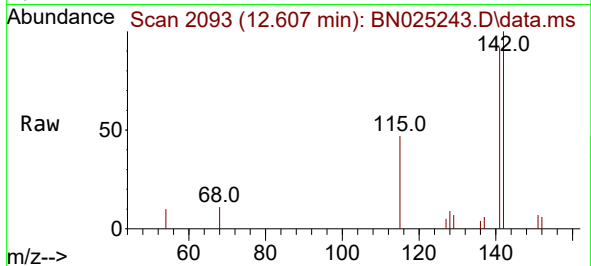




#8
1-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

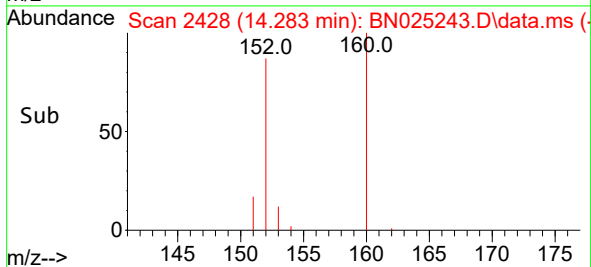
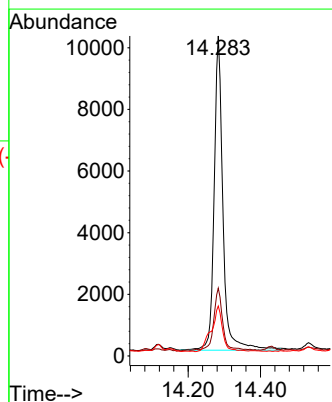
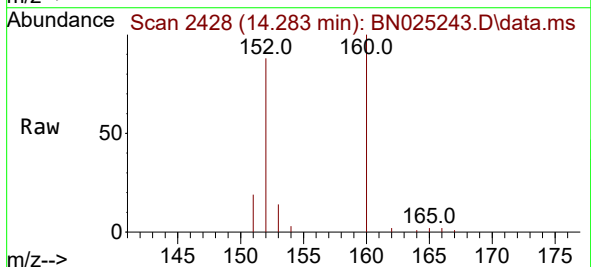
Instrument :
BNA_N
ClientSampleId :
EW911

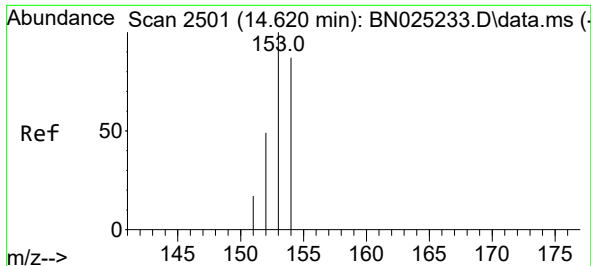
Tgt Ion:142 Resp: 3538
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.6



#10
Acenaphthylene
Concen: 0.264 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:152 Resp: 17325
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 15.6 10.8 16.2

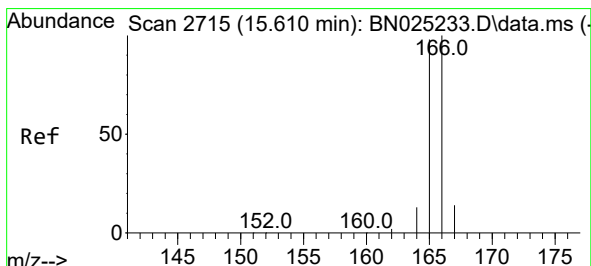
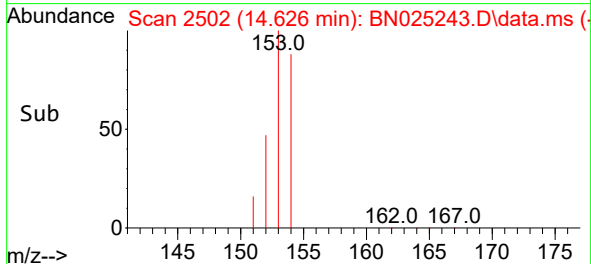
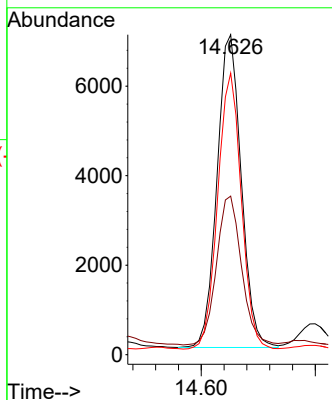
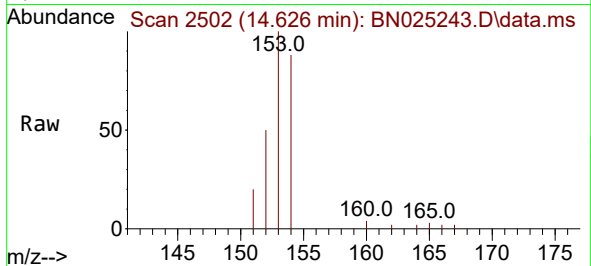




#11
Acenaphthene
Concen: 0.186 ng/ul
RT: 14.626 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

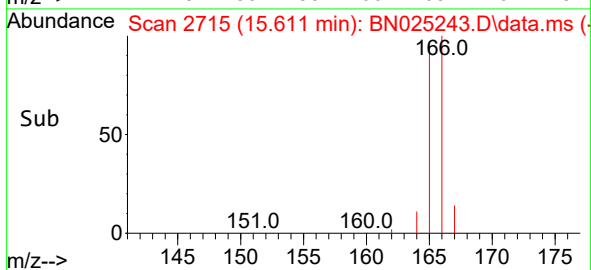
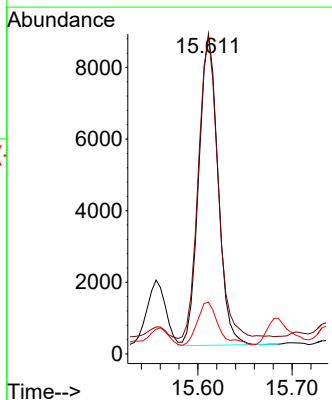
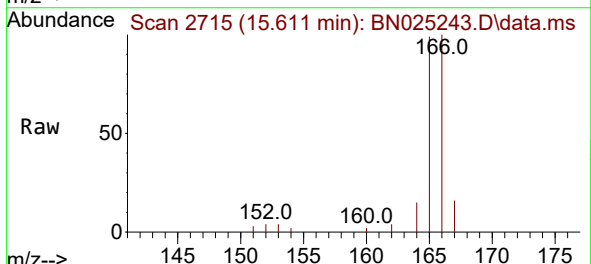
Instrument :
BNA_N
ClientSampleId :
EW911

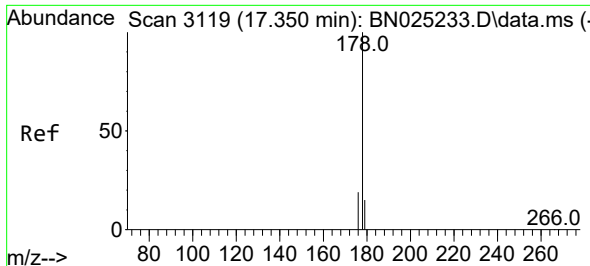
Tgt Ion:153 Resp: 10296
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 88.0 69.4 104.2



#12
Fluorene
Concen: 0.199 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:166 Resp: 12307
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 16.1 11.0 16.6

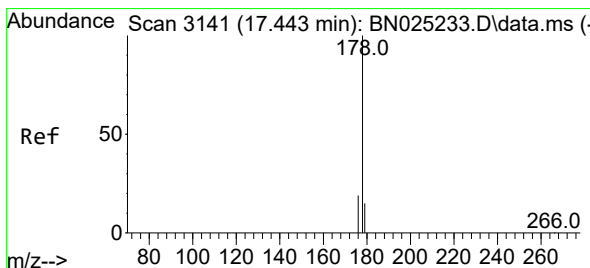
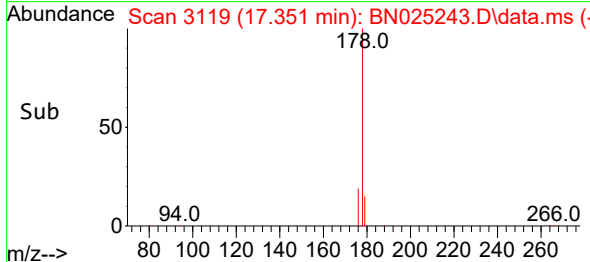
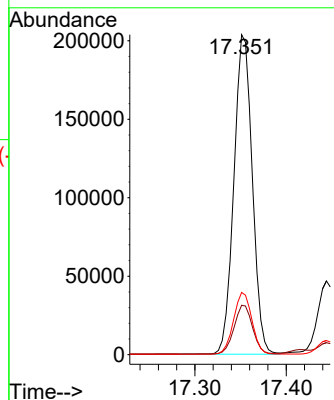
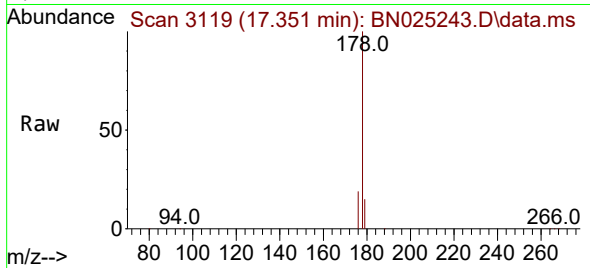




#15
Phenanthrene
Concen: 2.618 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

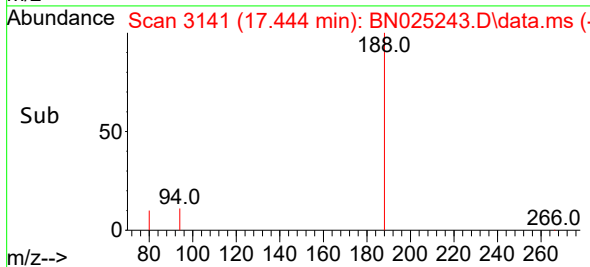
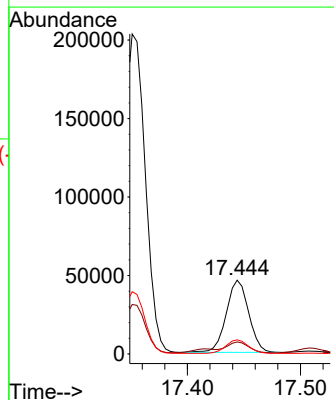
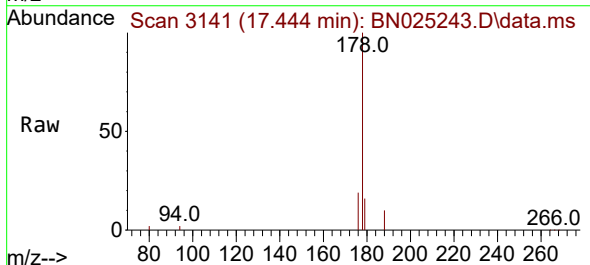
Instrument :
BNA_N
ClientSampleId :
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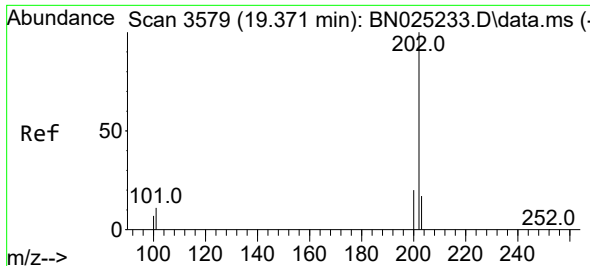
Tgt Ion:178 Resp: 285345
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.709 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:178 Resp: 63198
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.2 15.3 22.9

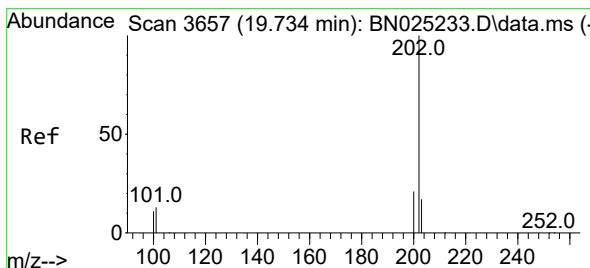
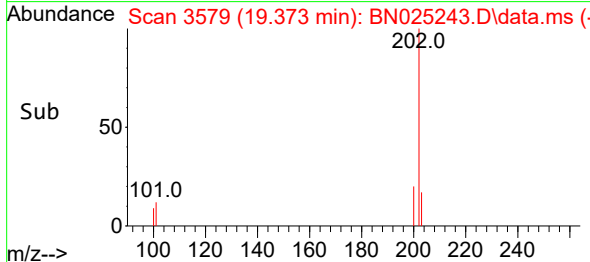
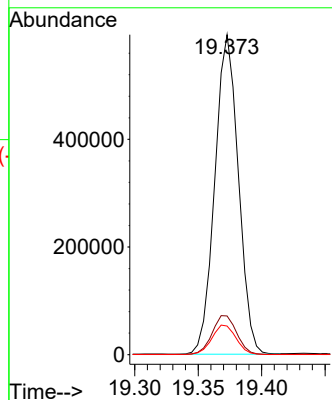
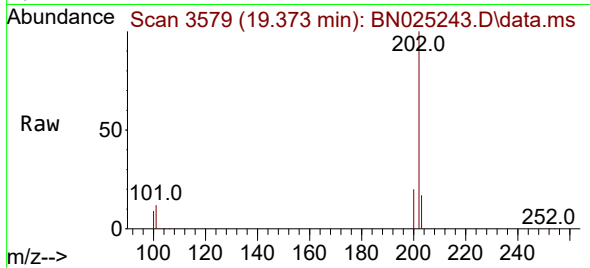




#19
Fluoranthene
Concen: 6.629 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

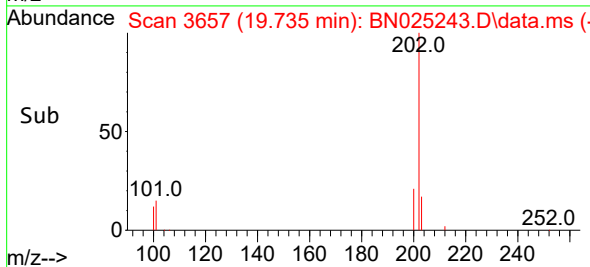
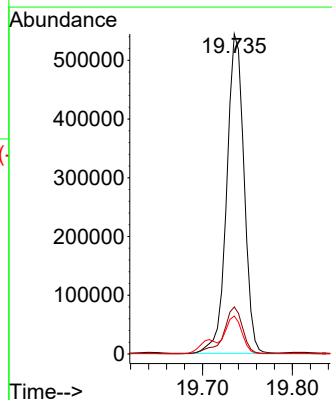
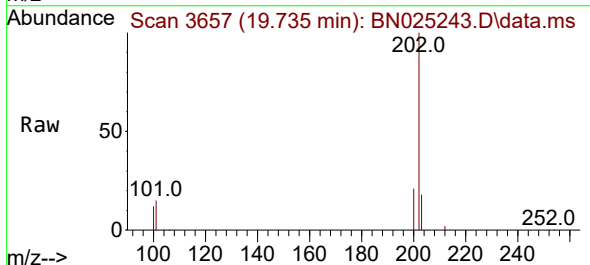
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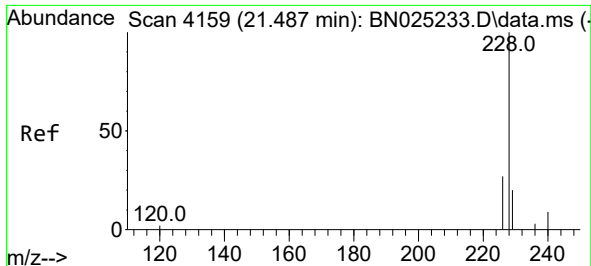
Tgt Ion:202 Resp: 765252
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 8.9 7.3 10.9



#20
Pyrene
Concen: 6.116 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:202 Resp: 725349
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.2 13.8

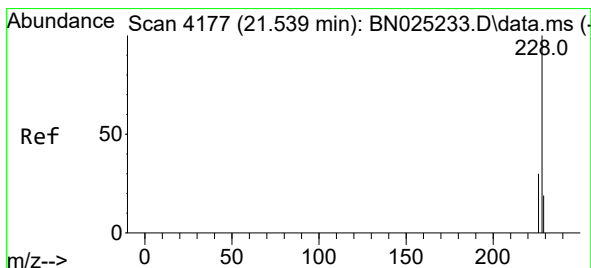
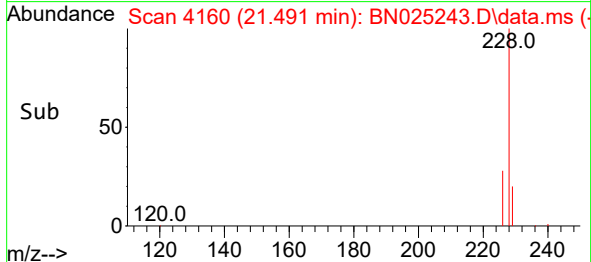
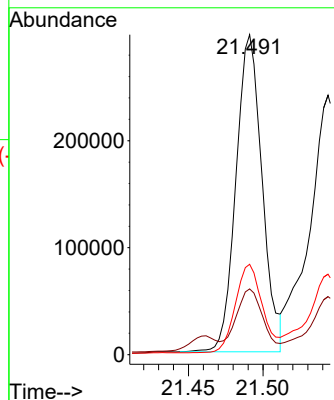
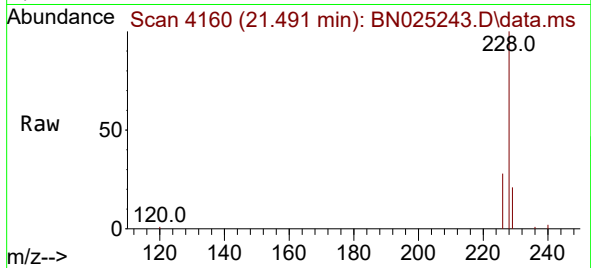




#21
Benzo(a)anthracene
Concen: 3.753 ng/ul
RT: 21.491 min Scan# 4159
Delta R.T. 0.004 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

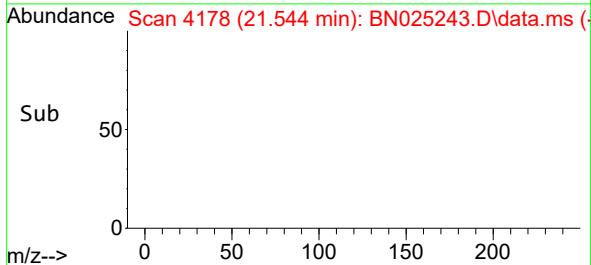
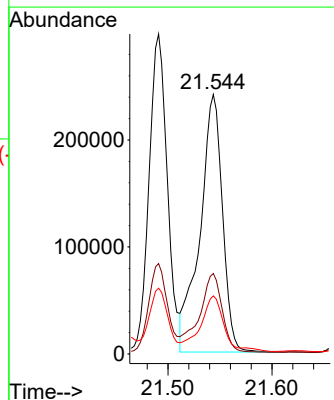
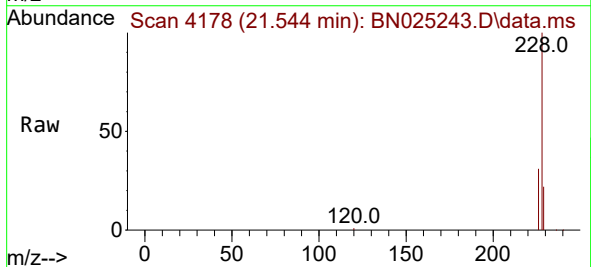
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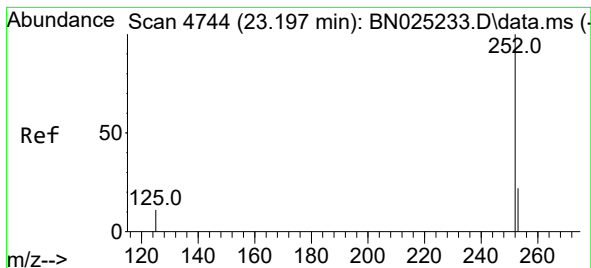
Tgt Ion:228 Resp: 361039
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.3 22.1 33.1



#22
Chrysene
Concen: 3.453 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:228 Resp: 362290
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.4 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 4.872 ng/ul

RT: 23.207 min Scan# 41

Delta R.T. 0.010 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

EW911

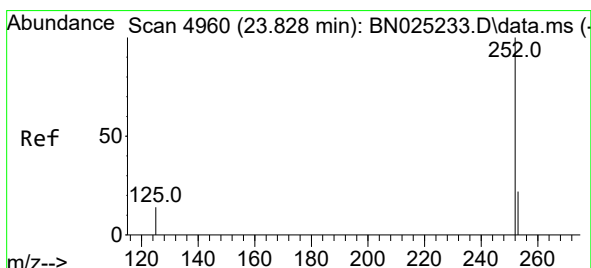
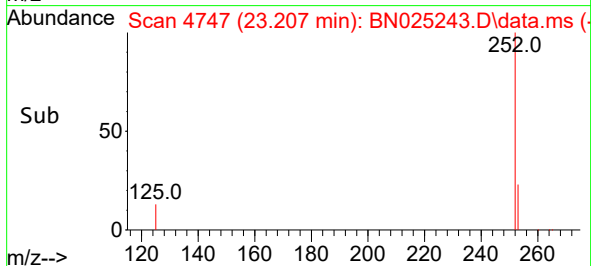
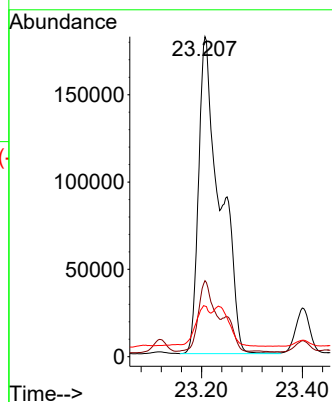
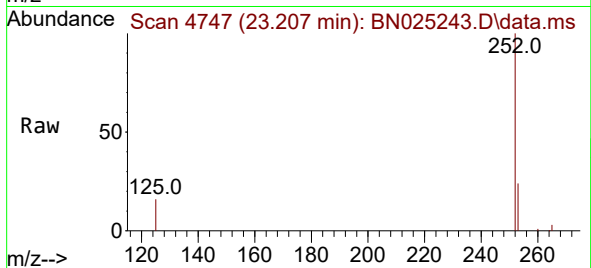
Tgt Ion:252 Resp: 535316

Ion Ratio Lower Upper

252 100

253 23.8 0.0 50.2

125 15.8 0.0 30.4



#26

Benzo(a)pyrene

Concen: 2.990 ng/ul

RT: 23.847 min Scan# 4966

Delta R.T. 0.019 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

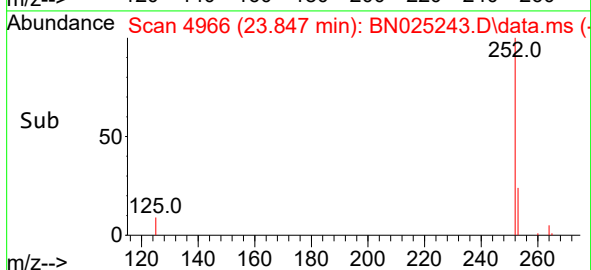
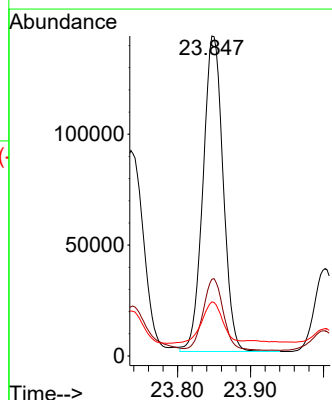
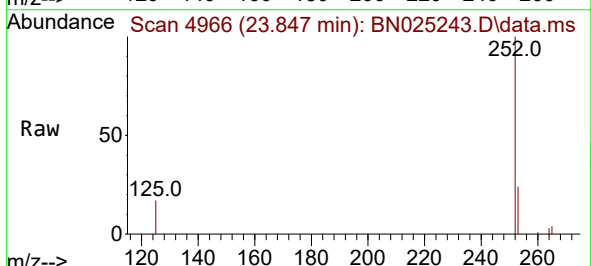
Tgt Ion:252 Resp: 271835

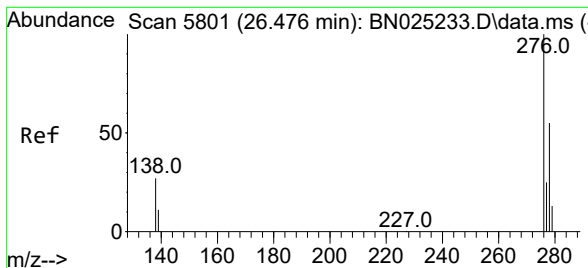
Ion Ratio Lower Upper

252 100

253 24.0 21.4 32.2

125 16.9 14.6 22.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.643 ng/ul

RT: 26.504 min Scan# 5809

Delta R.T. 0.028 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

EW911

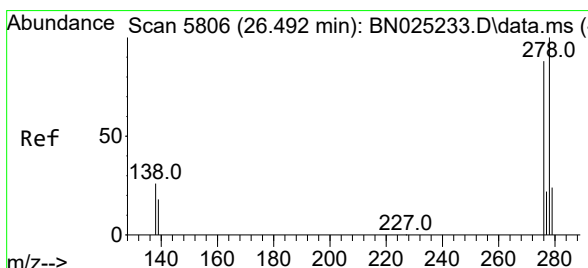
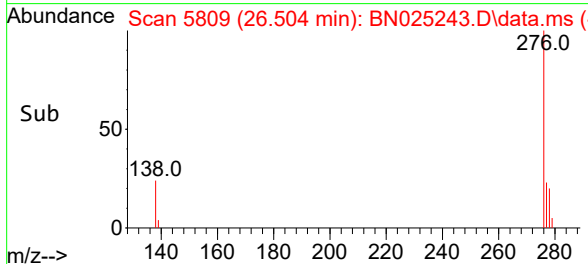
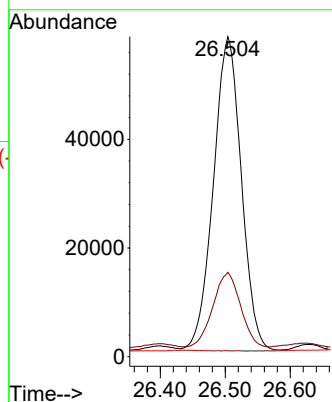
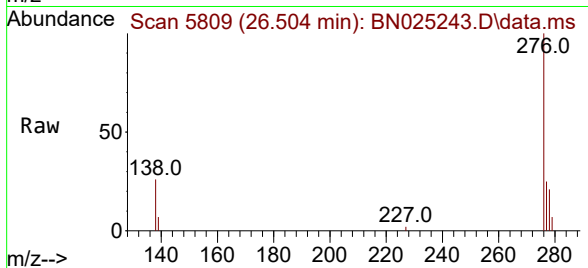
Tgt Ion:276 Resp: 172088

Ion Ratio Lower Upper

276 100

138 23.5 21.9 32.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.524 ng/ul

RT: 26.511 min Scan# 5811

Delta R.T. 0.018 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

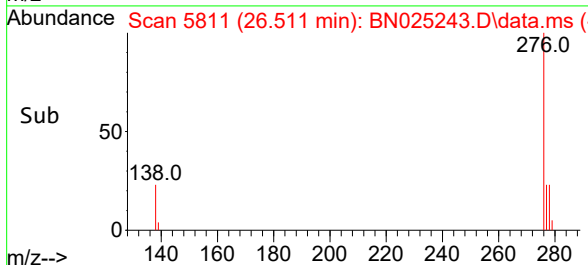
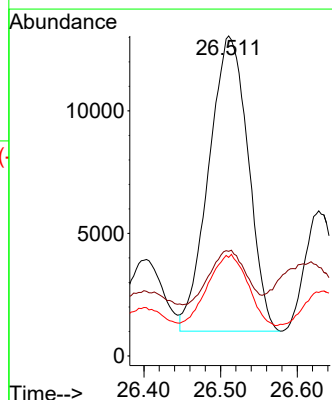
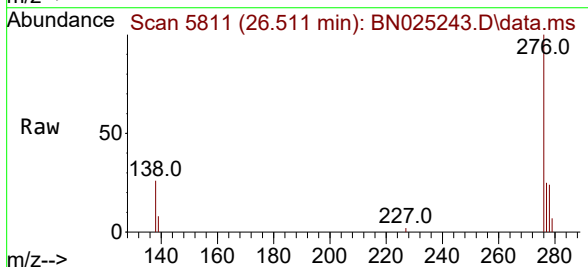
Tgt Ion:278 Resp: 42890

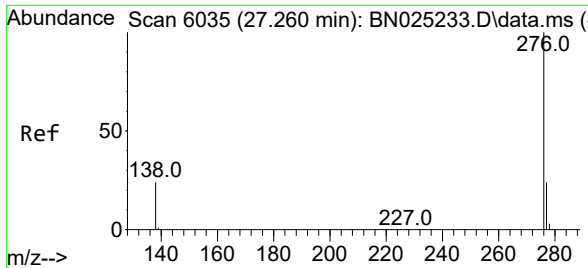
Ion Ratio Lower Upper

278 100

139 32.7 17.0 25.6#

279 30.8 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 1.772 ng/ul
 RT: 27.289 min Scan# 6043
 Delta R.T. 0.028 min
 Lab File: BN025243.D
 Acq: 03 May 2023 17:19

Instrument :
 BNA_N
 ClientSampleId :
 EW911

Tgt Ion:	276	Resp:	157803
Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.3	30.5
277	24.9	19.8	29.6

