

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025276.D
 Acq On : 05 May 2023 12:31
 Operator : CG/JU
 Sample : 02447-22DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW940DL

Quant Time: May 06 04:06:37 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 : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

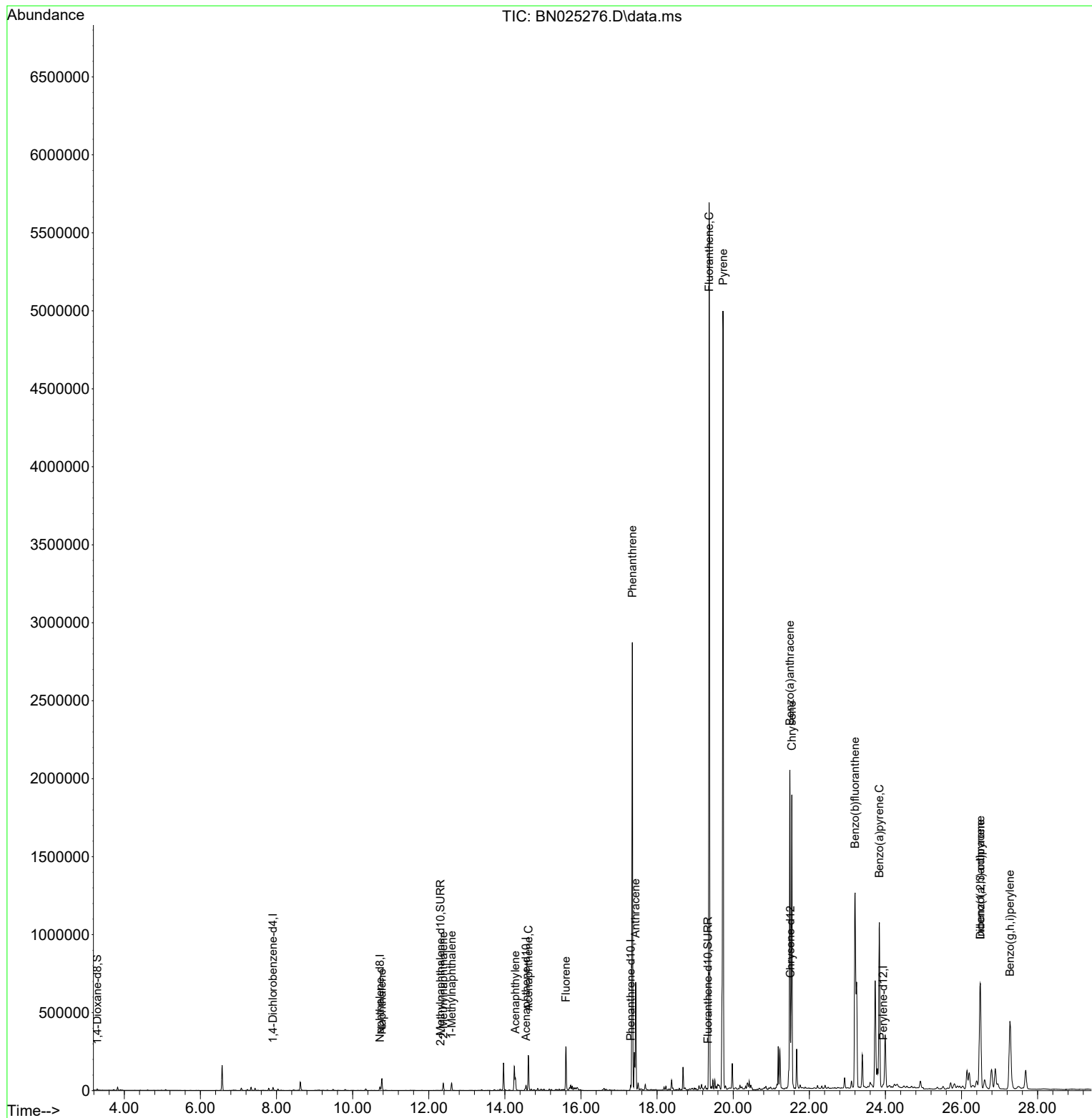
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	9614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	30403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	17659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	34564	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	20376	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	24362	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	4434	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1474	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2690	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	102847	1.320	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	31912	0.669	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	33125	0.651	ng/ul	100
10) Acenaphthylene	14.279	152	97106	1.476	ng/ul	99
11) Acenaphthene	14.617	153	127106	2.292	ng/ul	98
12) Fluorene	15.603	166	174582	2.816	ng/ul	99
15) Phenanthrene	17.348	178	3054609	31.310	ng/ul	100
16) Anthracene	17.436	178	705147	8.835	ng/ul	99
19) Fluoranthene	19.369	202	4964188	67.372	ng/ul	96
20) Pyrene	19.736	202	4198042	55.452	ng/ul	99
21) Benzo(a)anthracene	21.489	228	1799324	29.305	ng/ul	98
22) Chrysene	21.541	228	1767907	26.395	ng/ul	98
24) Benzo(b)fluoranthene	23.202	252	2913448	29.477	ng/ul	95
26) Benzo(a)pyrene	23.842	252	1528115	18.686	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.495	276	1112209	11.804	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.495	278	270852	3.680	ng/ul	99
29) Benzo(g,h,i)perylene	27.273	276	981615	12.252	ng/ul	99

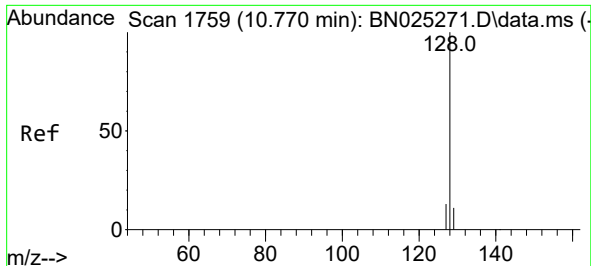
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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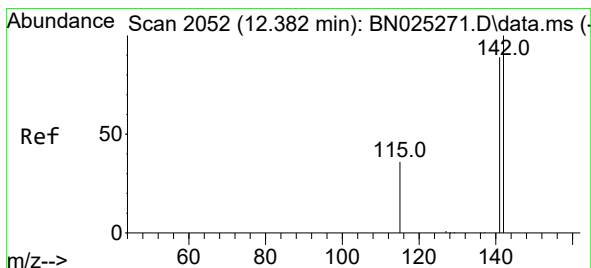
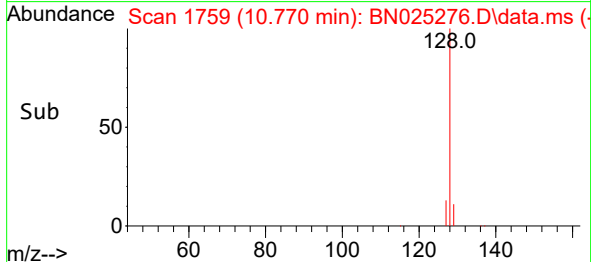
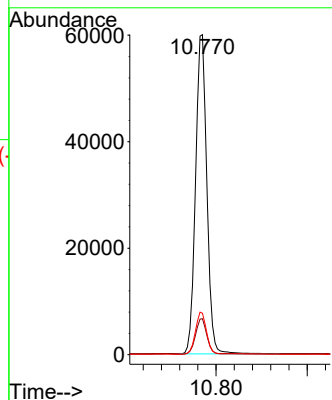
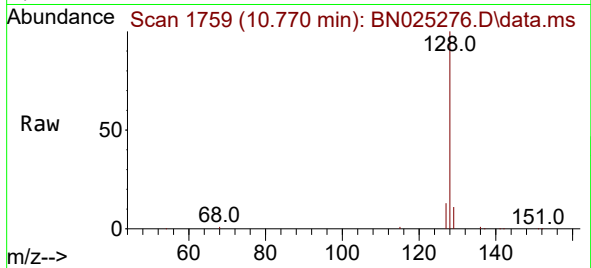




#5
Naphthalene
Concen: 1.320 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

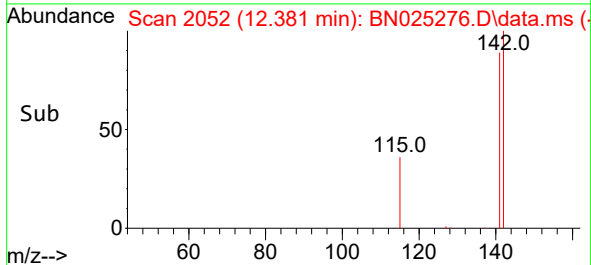
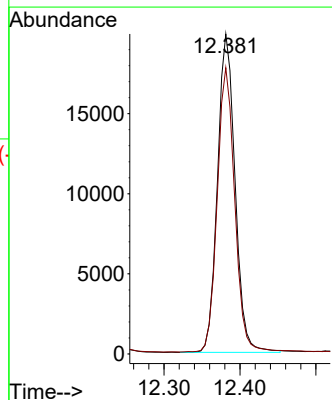
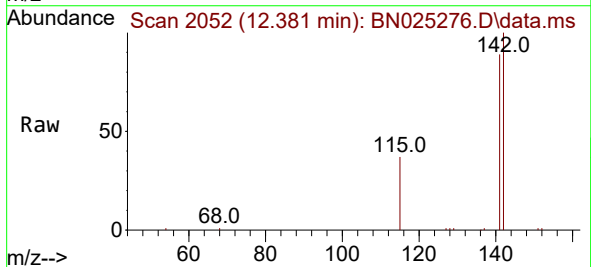
Instrument :
BNA_N
ClientSampleId :
EW940DL

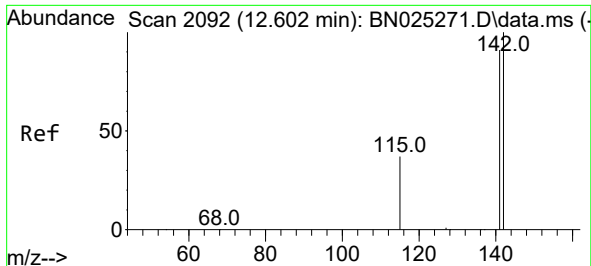
Tgt Ion:128 Resp: 102847
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.669 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:142 Resp: 31912
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

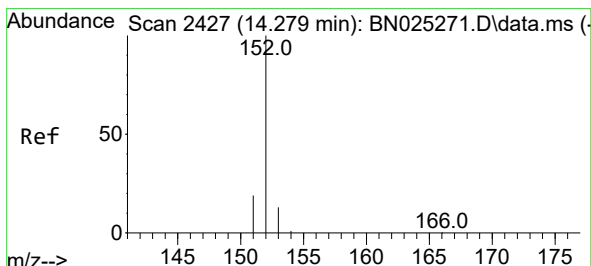
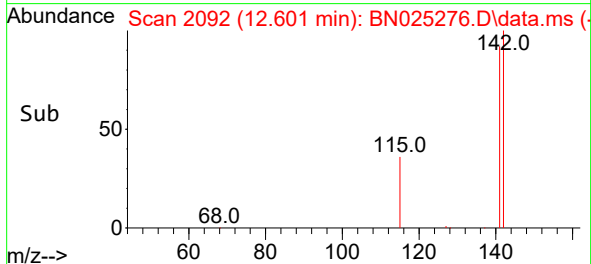
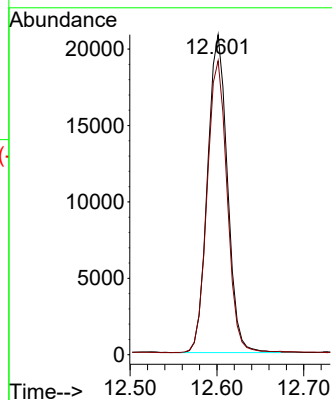
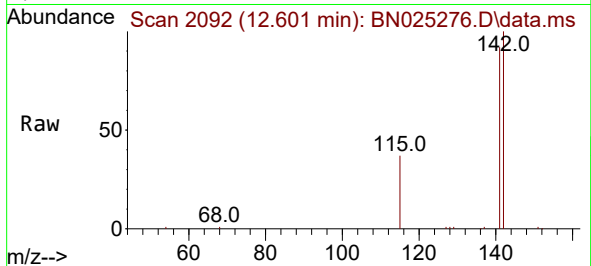




#8
1-Methylnaphthalene
Concen: 0.651 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

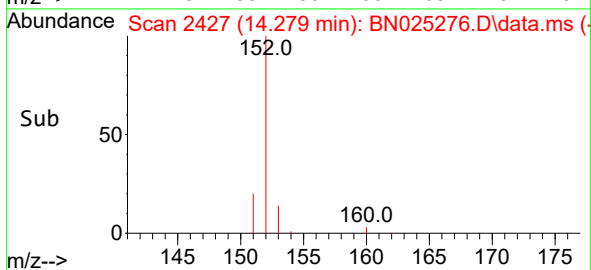
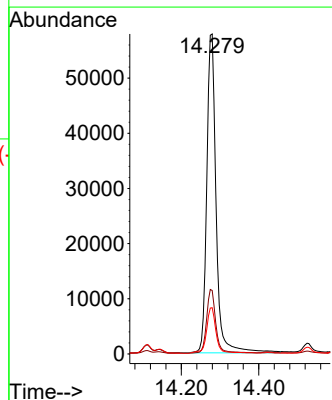
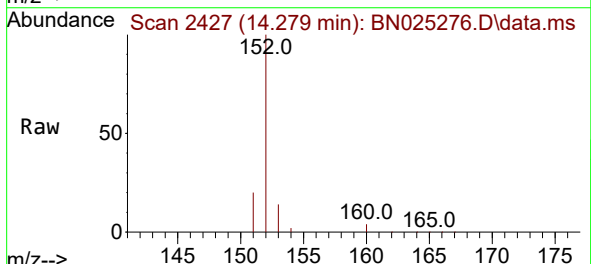
Instrument :
BNA_N
ClientSampleId :
EW940DL

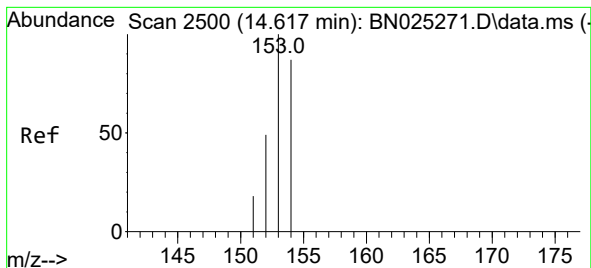
Tgt Ion:142 Resp: 33125
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6



#10
Acenaphthylene
Concen: 1.476 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:152 Resp: 97106
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.5 10.8 16.2





#11

Acenaphthene

Concen: 2.292 ng/ul

RT: 14.617 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

Instrument :

BNA_N

ClientSampleId :

EW940DL

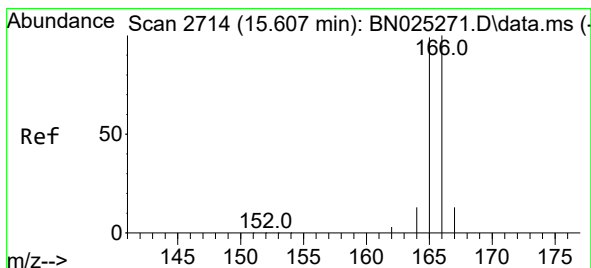
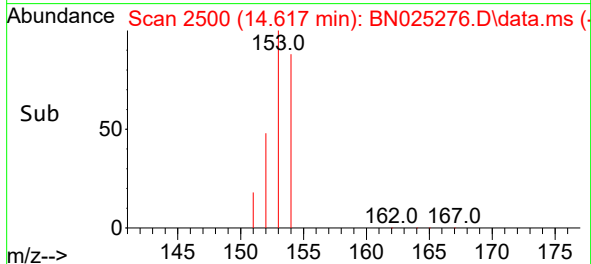
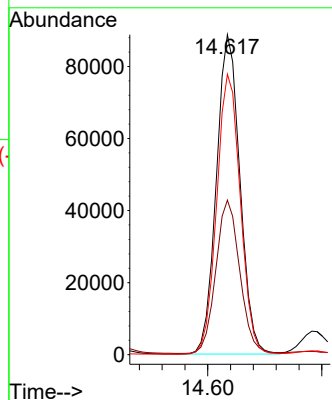
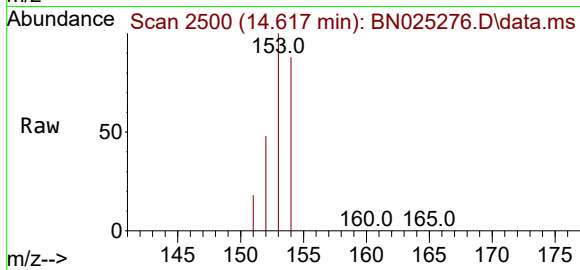
Tgt Ion:153 Resp: 127106

Ion Ratio Lower Upper

153 100

152 48.3 40.2 60.4

154 87.6 69.4 104.2



#12

Fluorene

Concen: 2.816 ng/ul

RT: 15.603 min Scan# 2713

Delta R.T. -0.004 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

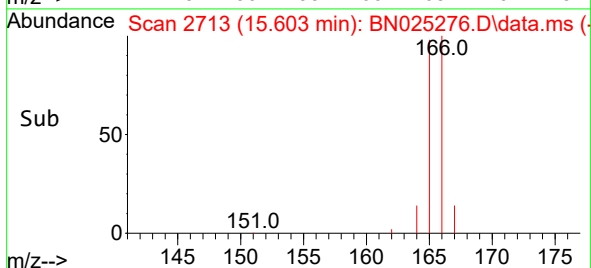
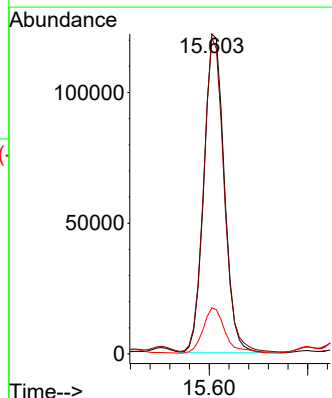
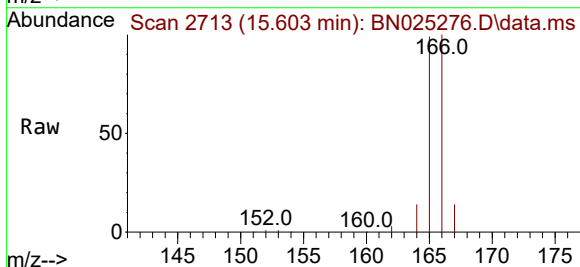
Tgt Ion:166 Resp: 174582

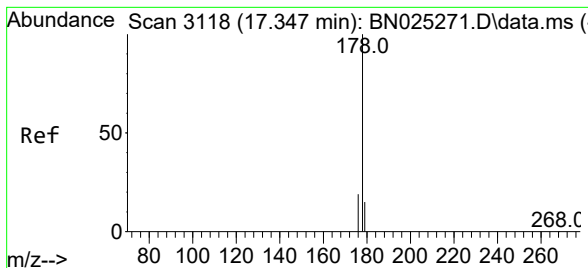
Ion Ratio Lower Upper

166 100

165 98.7 78.1 117.1

167 14.4 11.0 16.6





#15

Phenanthrene

Concen: 31.310 ng/ul

RT: 17.348 min Scan# 3118

Delta R.T. 0.001 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

Instrument :

BNA_N

ClientSampleId :

EW940DL

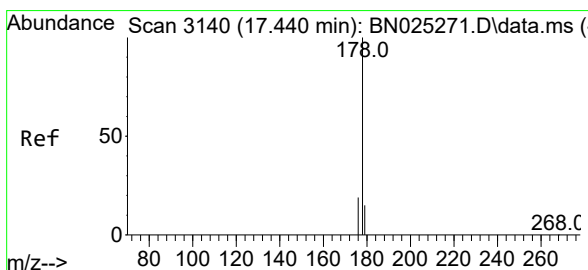
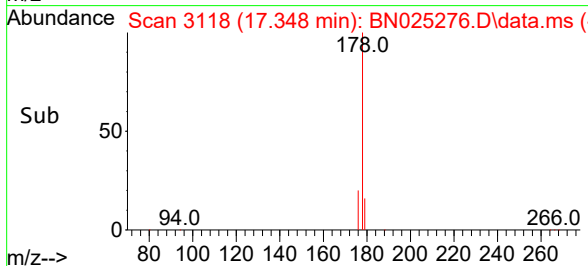
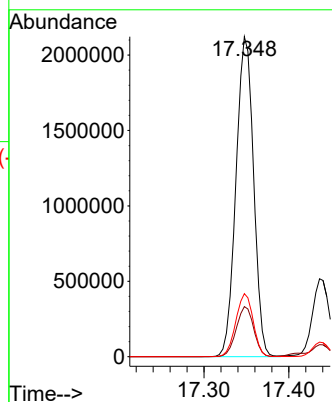
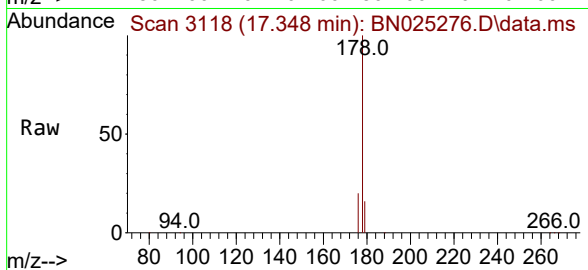
Tgt Ion:178 Resp: 3054609

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.7 15.6 23.4



#16

Anthracene

Concen: 8.835 ng/ul

RT: 17.436 min Scan# 3139

Delta R.T. -0.004 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

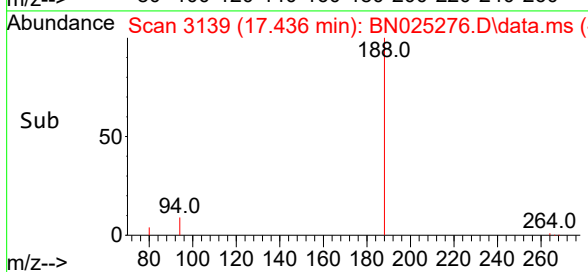
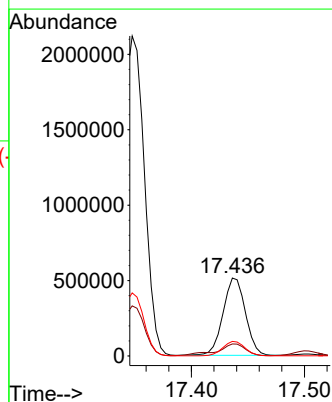
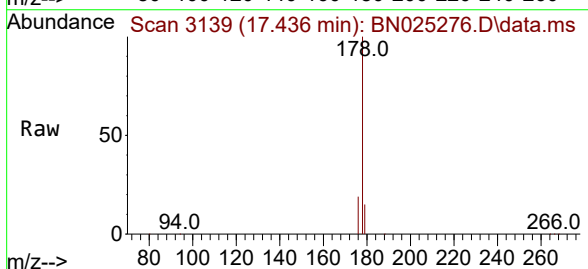
Tgt Ion:178 Resp: 705147

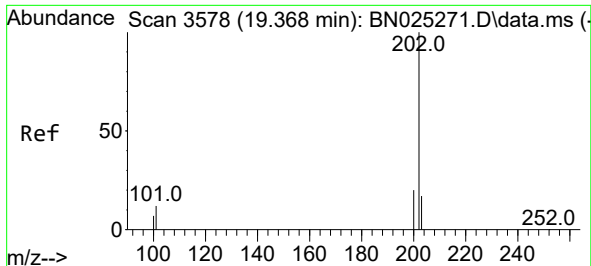
Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 18.7 15.3 22.9

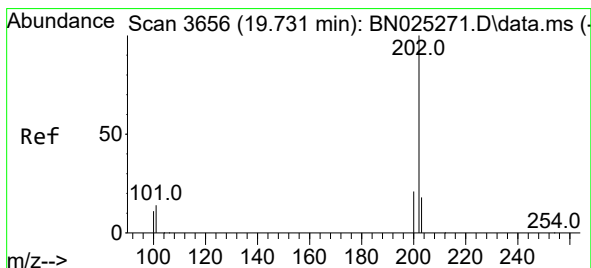
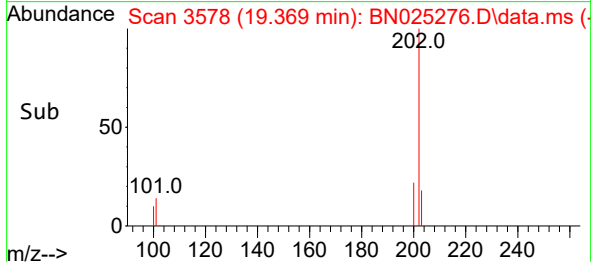
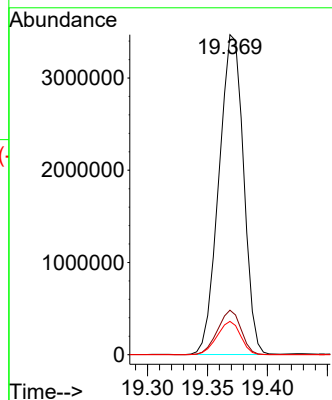
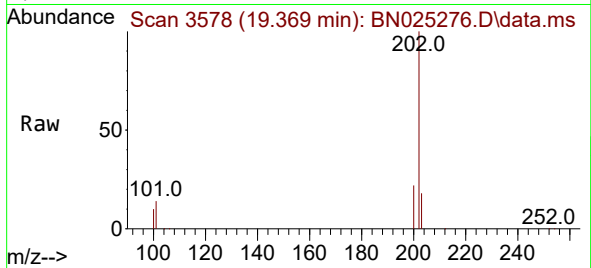




#19
Fluoranthene
Concen: 67.372 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

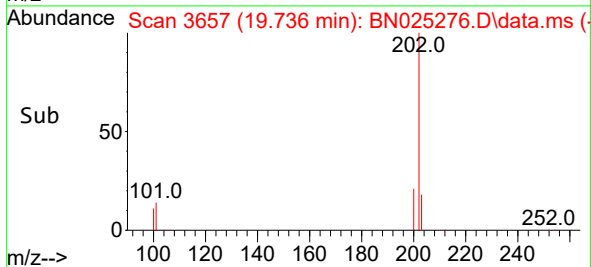
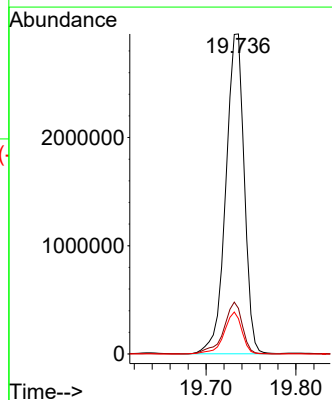
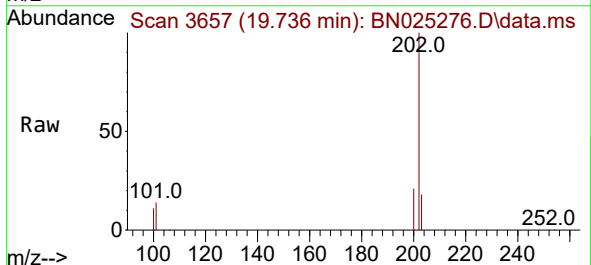
Instrument :
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ClientSampleId :
EW940DL

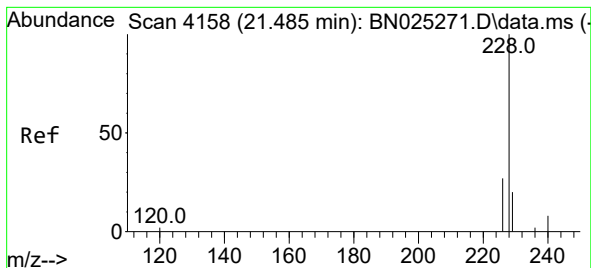
Tgt Ion:202 Resp: 4964188
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 10.4 7.3 10.9



#20
Pyrene
Concen: 55.452 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. 0.005 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:202 Resp: 4198042
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.1 9.2 13.8





#21

Benzo(a)anthracene

Concen: 29.305 ng/ul

RT: 21.489 min Scan# 4158

Delta R.T. 0.004 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

Instrument :

BNA_N

ClientSampleId :

EW940DL

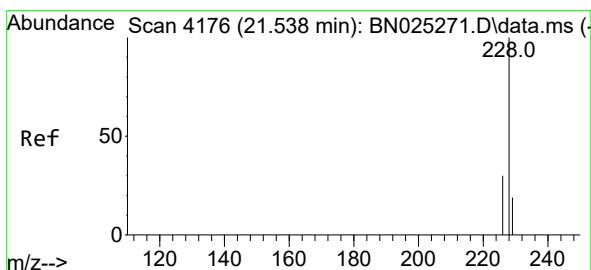
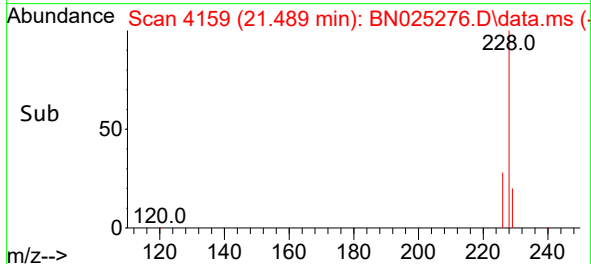
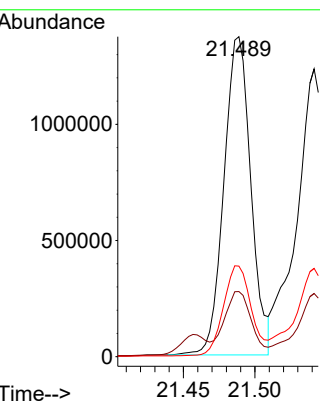
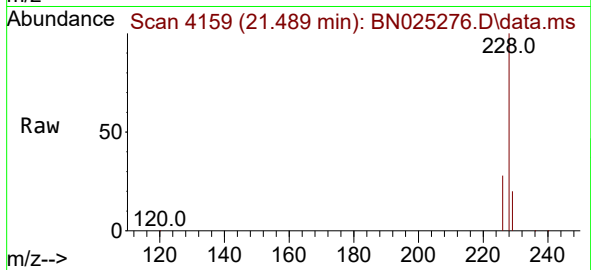
Tgt Ion:228 Resp: 1799324

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

226 28.3 22.1 33.1



#22

Chrysene

Concen: 26.395 ng/ul

RT: 21.541 min Scan# 4177

Delta R.T. 0.004 min

Lab File: BN025276.D

Acq: 05 May 2023 12:31

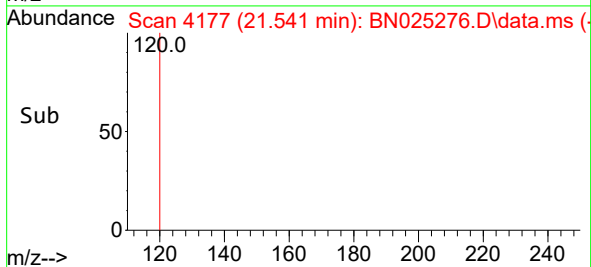
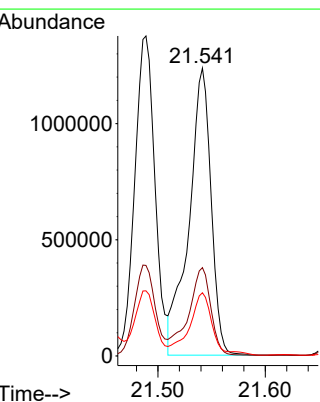
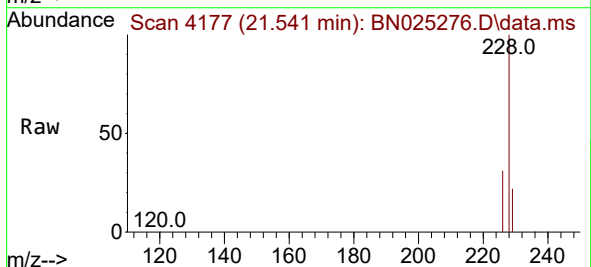
Tgt Ion:228 Resp: 1767907

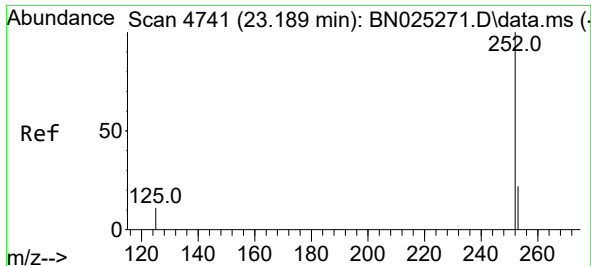
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

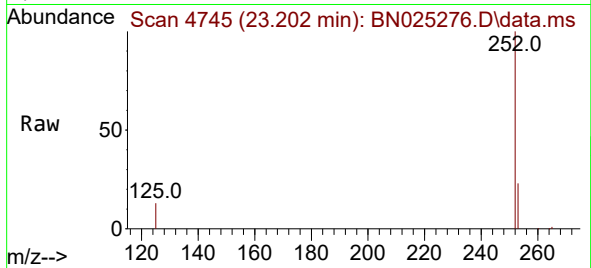
229 21.9 15.8 23.6



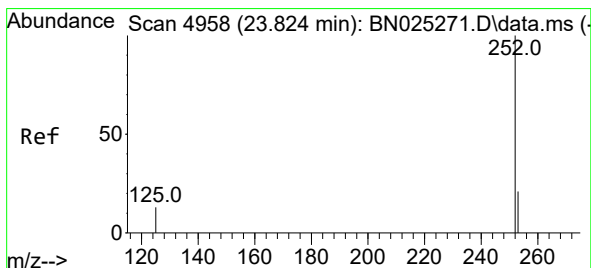
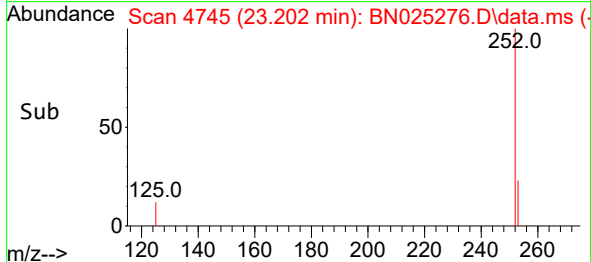
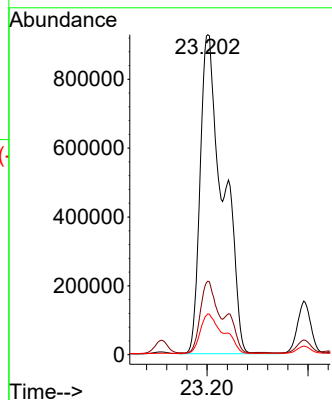


#24
Benzo(b)fluoranthene
Concen: 29.477 ng/ul
RT: 23.202 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Instrument :
BNA_N
ClientSampleId :
EW940DL

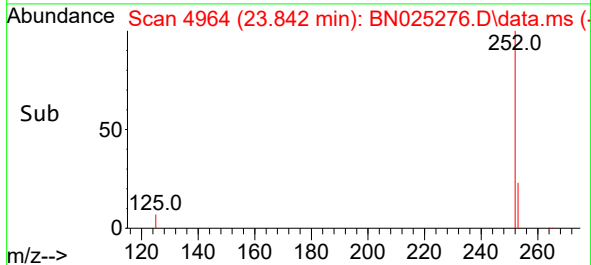
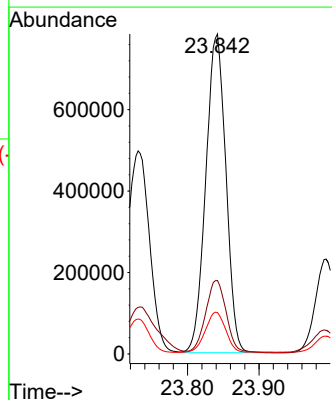
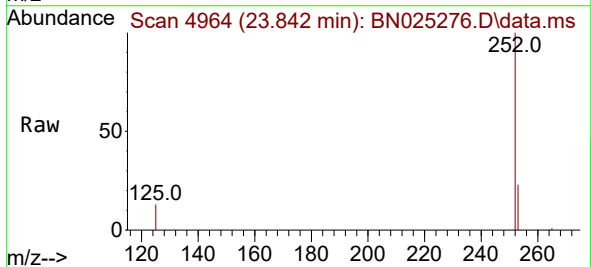


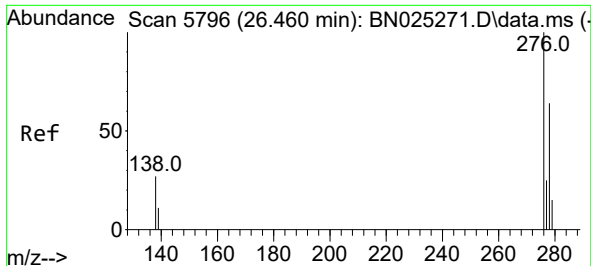
Tgt Ion:252 Resp: 2913448
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.7 0.0 30.4



#26
Benzo(a)pyrene
Concen: 18.686 ng/ul
RT: 23.842 min Scan# 4964
Delta R.T. 0.018 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:252 Resp: 1528115
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.0 14.6 22.0#

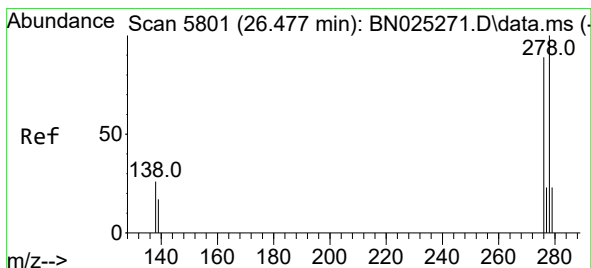
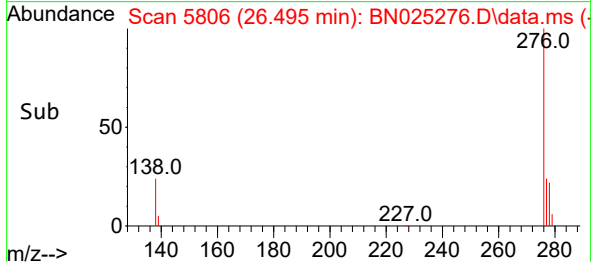
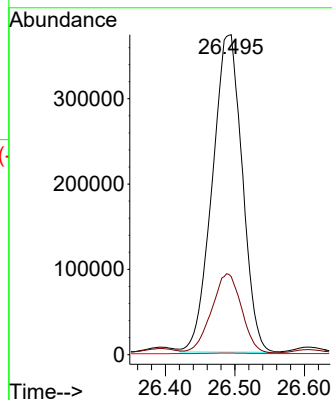
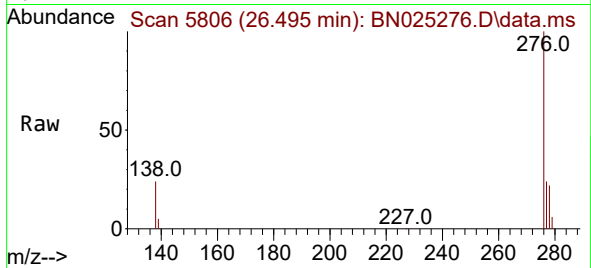




#27
Indeno(1,2,3-cd)pyrene
Concen: 11.804 ng/ul
RT: 26.495 min Scan# 5806
Delta R.T. 0.034 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

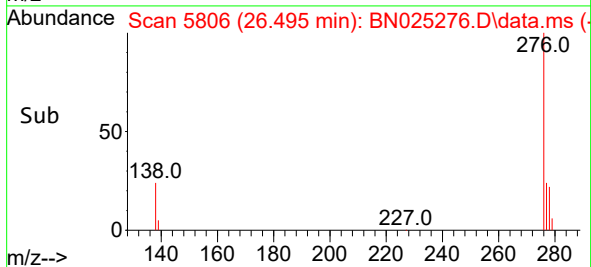
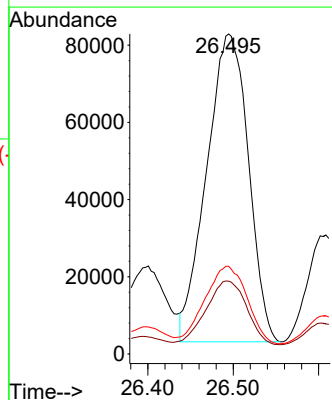
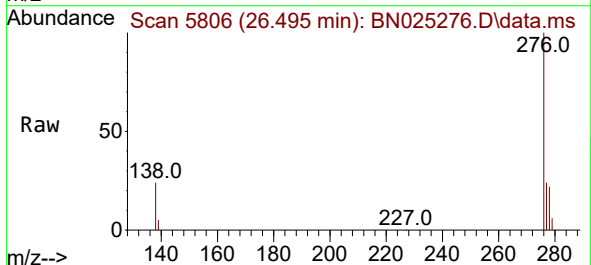
Instrument :
BNA_N
ClientSampleId :
EW940DL

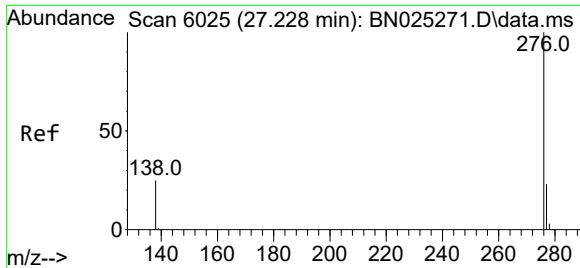
Tgt Ion:276 Resp: 1112209
Ion Ratio Lower Upper
276 100
138 24.8 21.9 32.9
227 0.3 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 3.680 ng/ul
RT: 26.495 min Scan# 5806
Delta R.T. 0.017 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

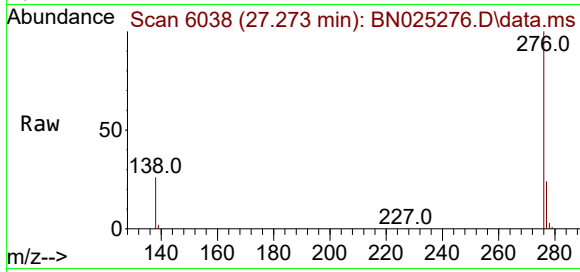
Tgt Ion:278 Resp: 270852
Ion Ratio Lower Upper
278 100
139 22.8 17.0 25.6
279 27.4 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 12.252 ng/ul
RT: 27.273 min Scan# 6038
Delta R.T. 0.044 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Instrument :
BNA_N
ClientSampleId :
EW940DL



Tgt Ion:276 Resp: 981615
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 23.8 19.8 29.6

