

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028058.D
 Acq On : 05 Oct 2023 20:55
 Operator : MA/JU
 Sample : 04527-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY6

Quant Time: Oct 06 01:37:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

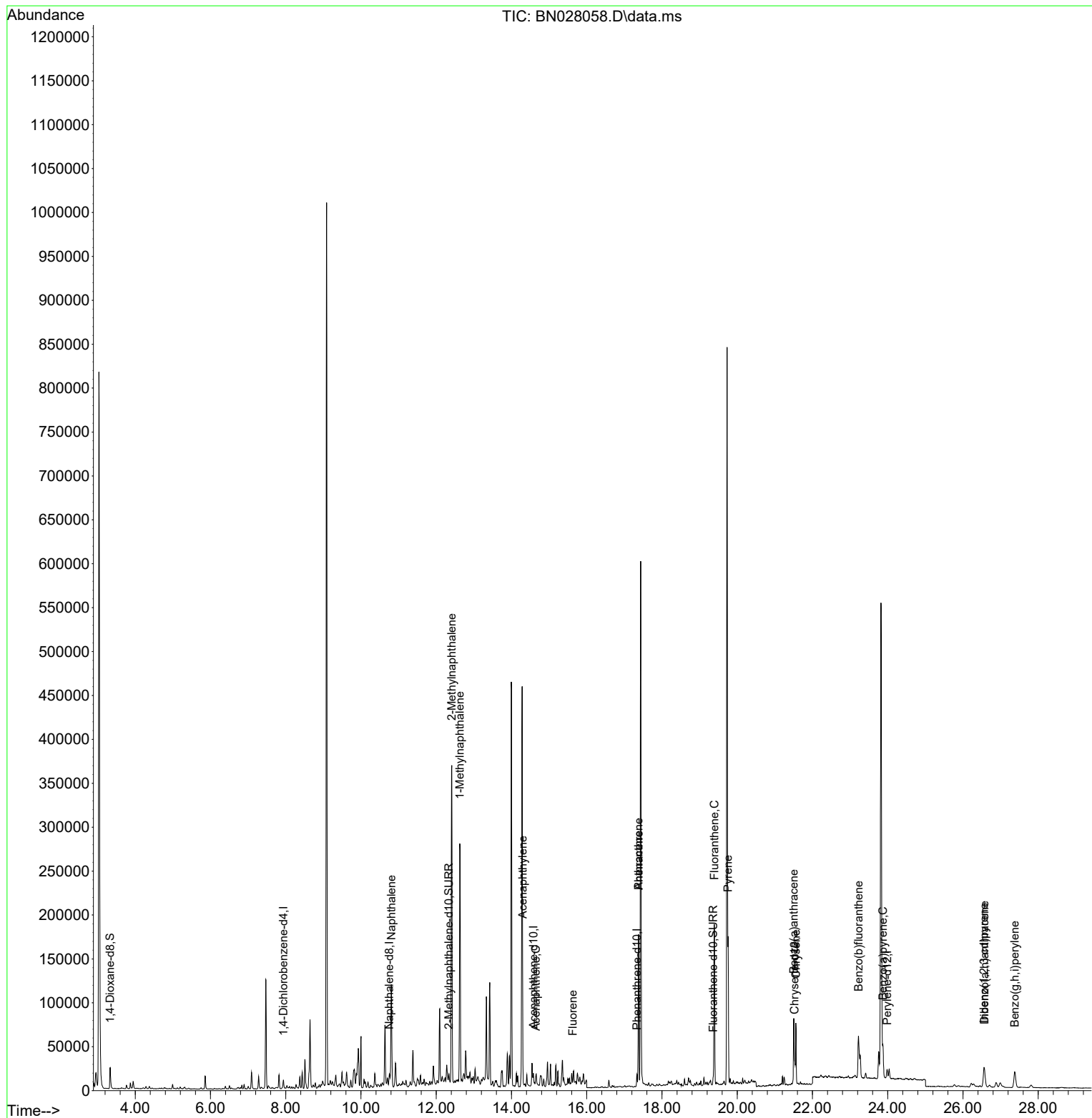
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4524	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	13976	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.583	164	9025	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	15857	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.521	240	13428	0.400	ng/ul	#-0.01
23) Perylene-d12	23.983	264	14958	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18921	3.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4994	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	8607	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	153430	3.867	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	253206	10.110	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	183992	7.100	ng/ul	99
10) Acenaphthylene	14.296	152	3171	0.077	ng/ul#	1
11) Acenaphthene	14.647	153	7962	0.244	ng/ul#	77
12) Fluorene	15.633	166	3413	0.094	ng/ul#	48
15) Phenanthrene	17.379	178	182278	3.857	ng/ul	99
16) Anthracene	17.379	178	121867	2.882	ng/ul	100
19) Fluoranthene	19.389	202	157331	3.068	ng/ul	98
20) Pyrene	19.757	202	131819	2.481	ng/ul	99
21) Benzo(a)anthracene	21.504	228	63707	1.299	ng/ul	96
22) Chrysene	21.559	228	73985	1.494	ng/ul#	95
24) Benzo(b)fluoranthene	23.222	252	118763	2.141	ng/ul	89
26) Benzo(a)pyrene	23.871	252	51994	1.099	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.559	276	42097	0.736	ng/ul	93
28) Dibenzo(a,h)anthracene	26.572	278	11547	0.248	ng/ul#	44
29) Benzo(g,h,i)perylene	27.374	276	41007	0.876	ng/ul	96

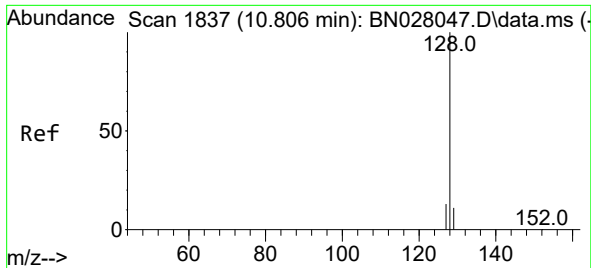
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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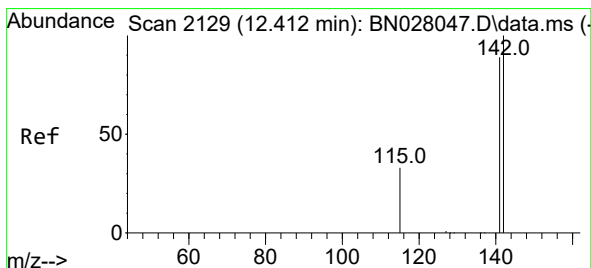
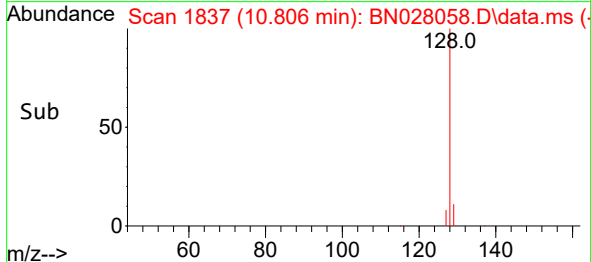
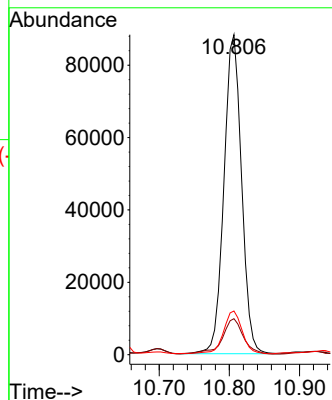
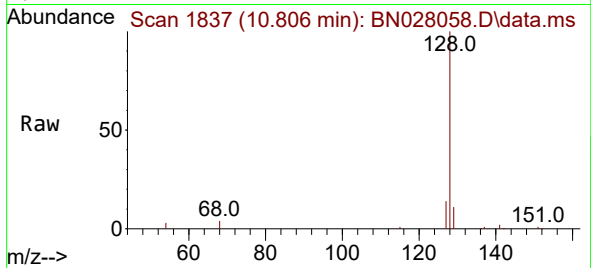




#5
Naphthalene
Concen: 3.867 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

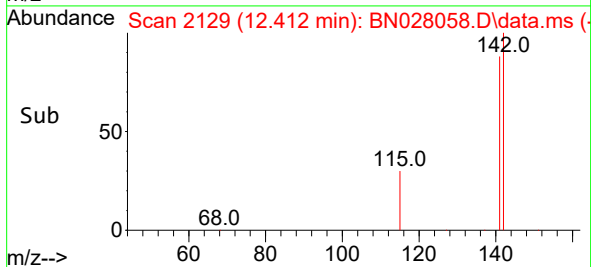
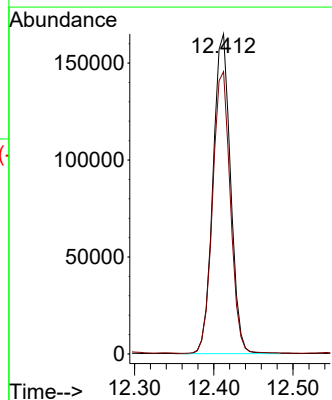
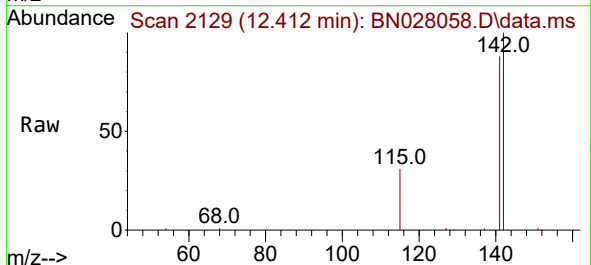
Instrument :
BNA_N
ClientSampleId :
EZY6

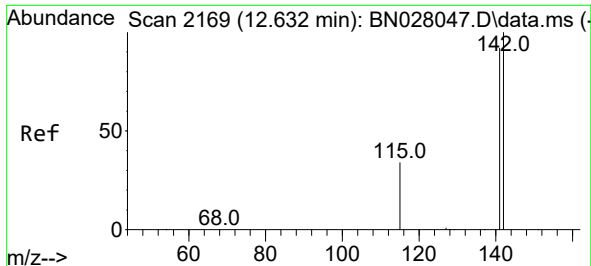
Tgt Ion:128 Resp: 153430
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.7 11.0 16.4



#7
2-Methylnaphthalene
Concen: 10.110 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

Tgt Ion:142 Resp: 253206
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

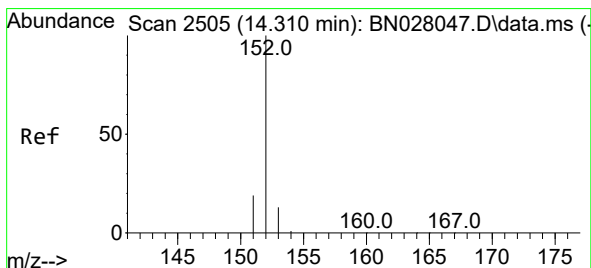
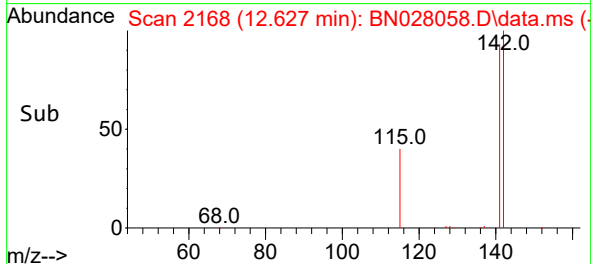
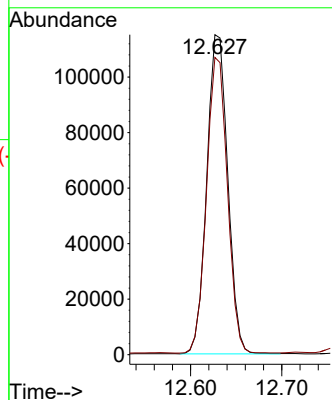
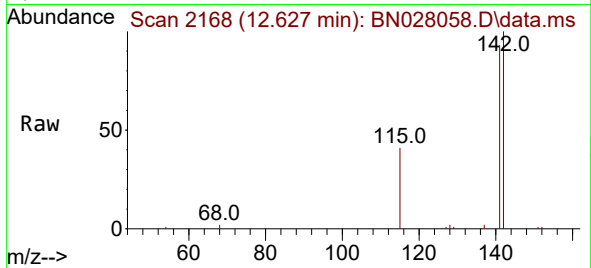




#8
1-Methylnaphthalene
Concen: 7.100 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.017 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

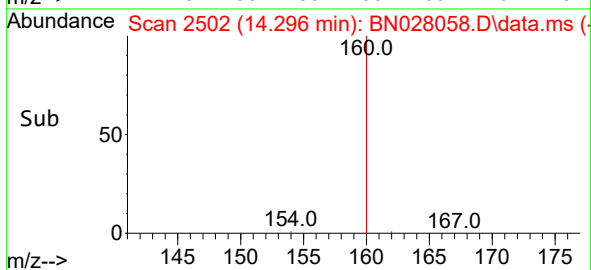
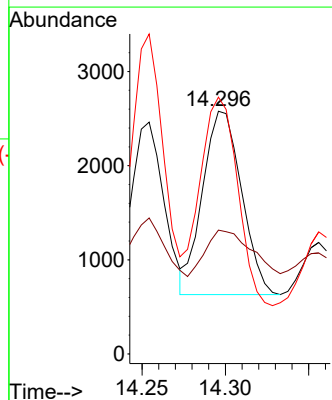
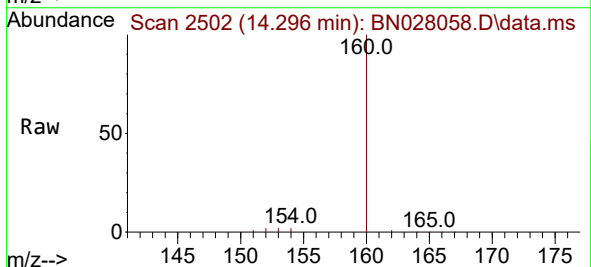
Instrument :
BNA_N
ClientSampleId :
EZY6

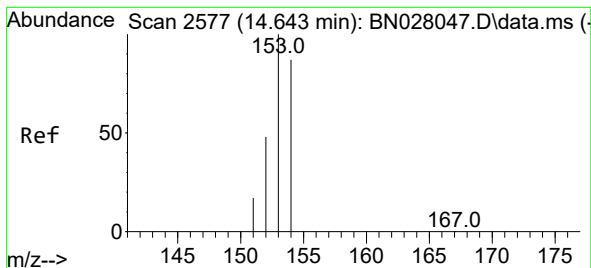
Tgt Ion:142 Resp: 183992
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.023 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

Tgt Ion:152 Resp: 3171
Ion Ratio Lower Upper
152 100
151 51.0 16.4 24.6#
153 105.8 10.9 16.3#





#11

Acenaphthene

Concen: 0.244 ng/ul

RT: 14.647 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

Instrument :

BNA_N

ClientSampleId :

EZYY6

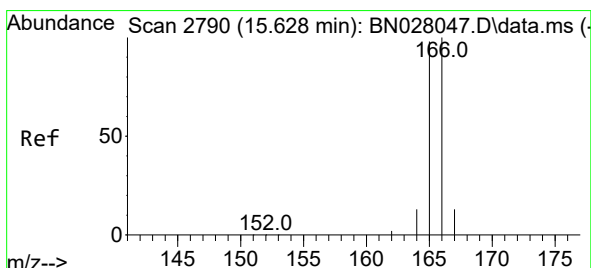
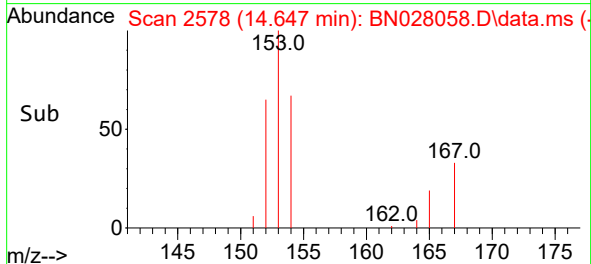
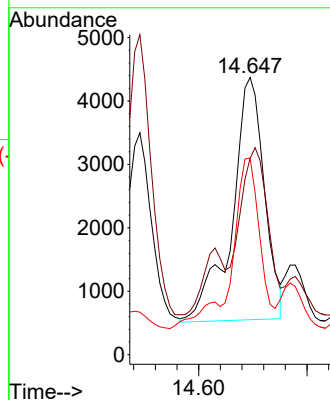
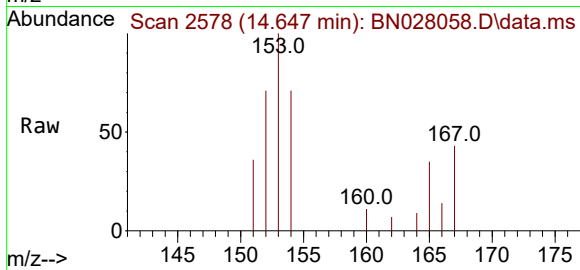
Tgt Ion:153 Resp: 7962

Ion Ratio Lower Upper

153 100

152 70.9 39.4 59.0#

154 70.9 70.2 105.4



#12

Fluorene

Concen: 0.094 ng/ul

RT: 15.633 min Scan# 2791

Delta R.T. -0.009 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

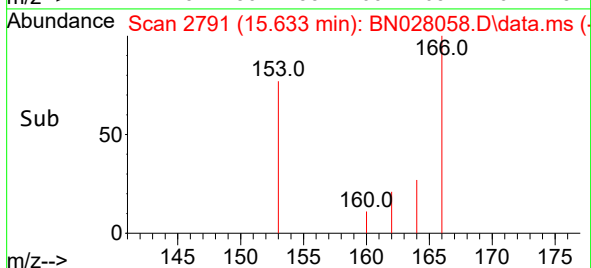
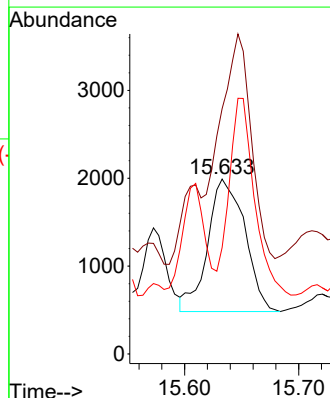
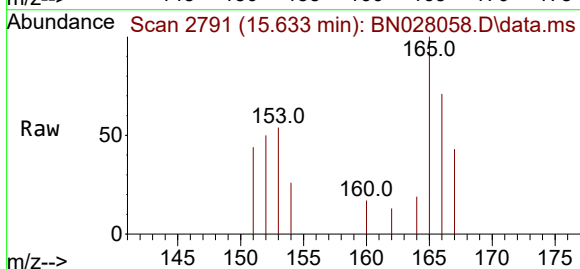
Tgt Ion:166 Resp: 3413

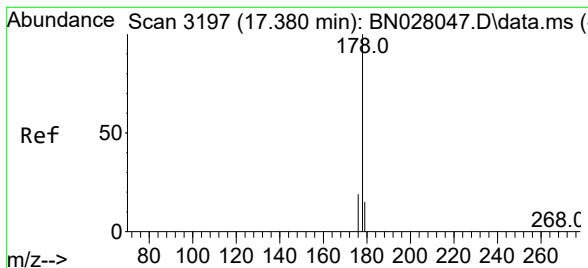
Ion Ratio Lower Upper

166 100

165 140.2 78.5 117.7#

167 60.8 11.2 16.8#





#15

Phenanthrene

Concen: 3.857 ng/ul

RT: 17.379 min Scan# 3197

Delta R.T. -0.009 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

Instrument :

BNA_N

ClientSampleId :

EZYY6

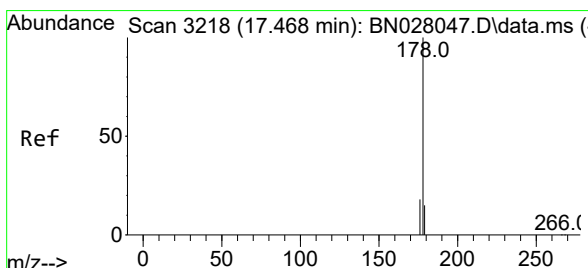
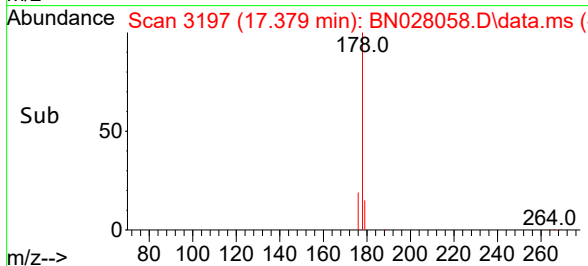
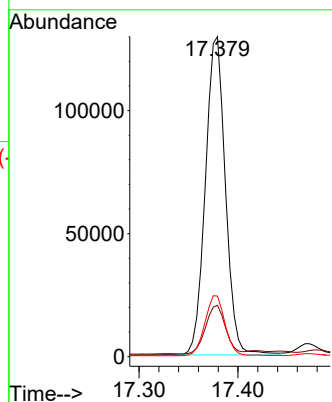
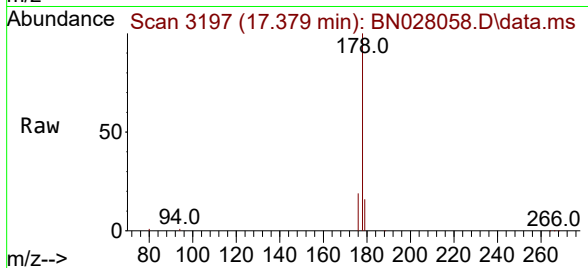
Tgt Ion:178 Resp: 182278

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 18.9 15.5 23.3



#16

Anthracene

Concen: 2.882 ng/ul

RT: 17.379 min Scan# 3197

Delta R.T. -0.101 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

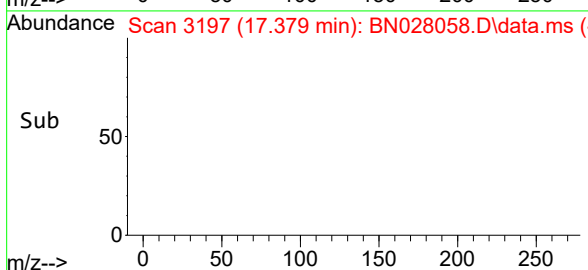
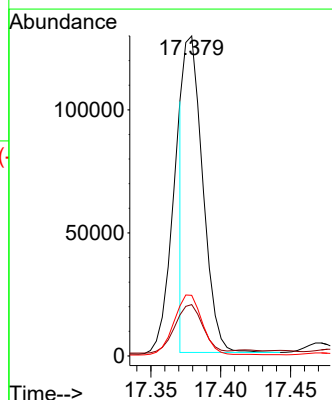
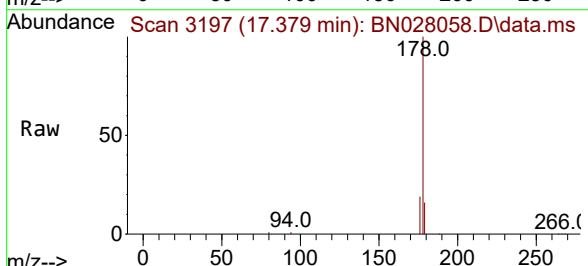
Tgt Ion:178 Resp: 121867

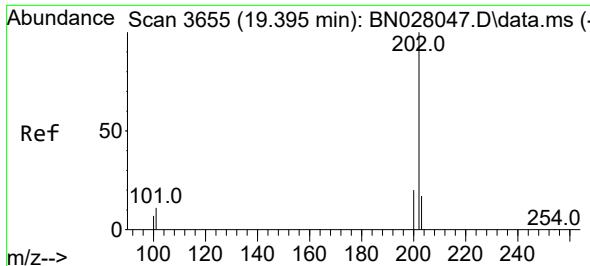
Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 18.9 15.0 22.6

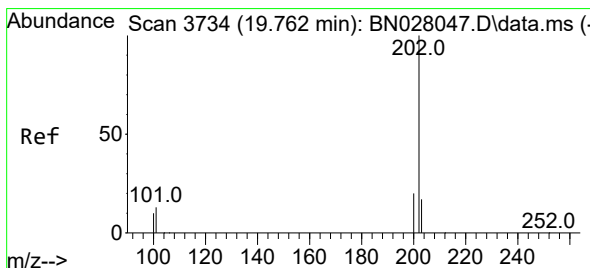
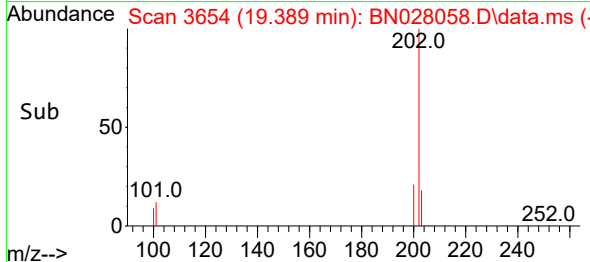
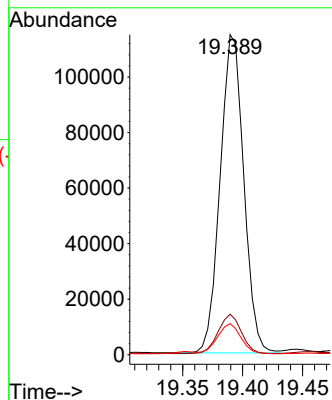
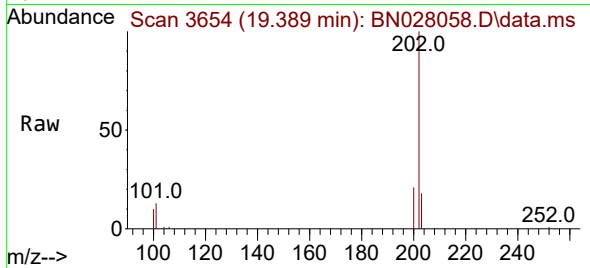




#19
Fluoranthene
Concen: 3.068 ng/ul
RT: 19.389 min Scan# 3654
Delta R.T. -0.014 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

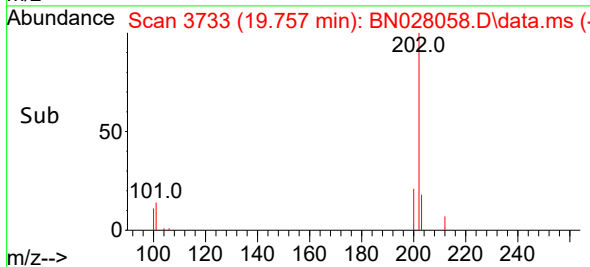
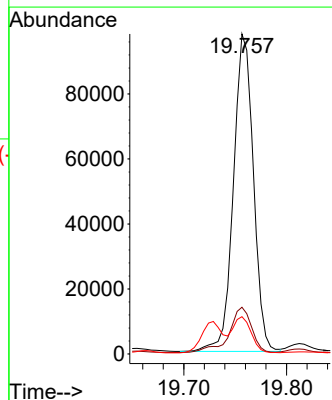
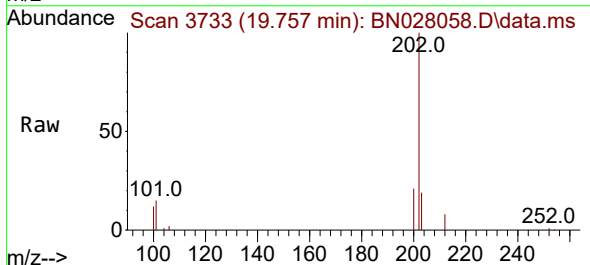
Instrument :
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EZY6

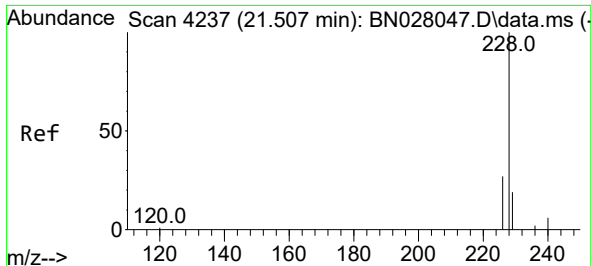
Tgt Ion:202 Resp: 157331
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.7 7.4 11.0



#20
Pyrene
Concen: 2.481 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

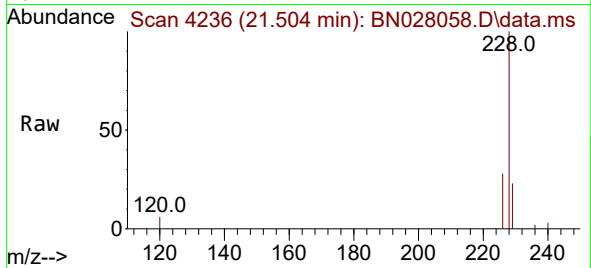
Tgt Ion:202 Resp: 131819
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.6 9.1 13.7



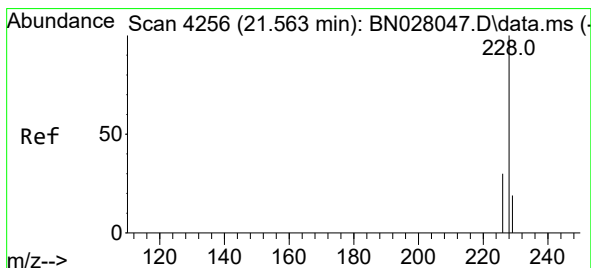
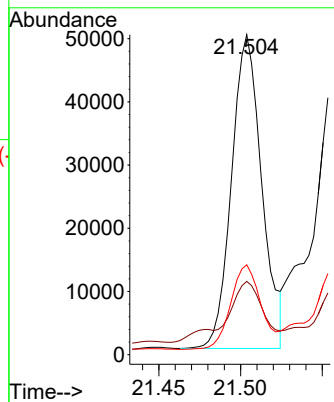
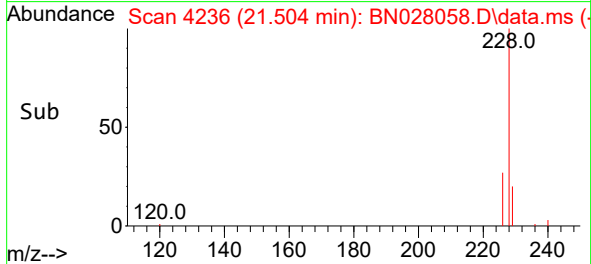


#21
Benzo(a)anthracene
Concen: 1.299 ng/ul
RT: 21.504 min Scan# 4236
Delta R.T. -0.015 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

Instrument :
BNA_N
ClientSampleId :
EZY6

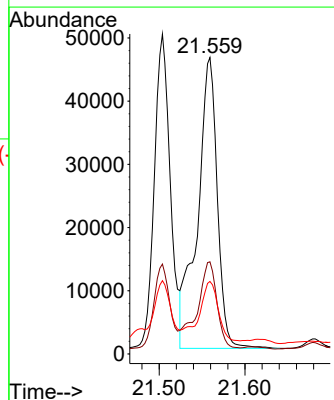
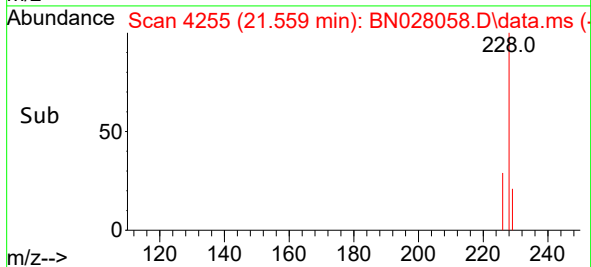
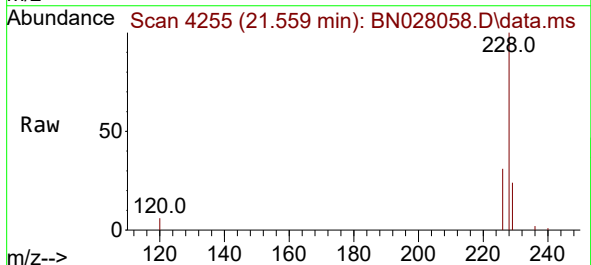


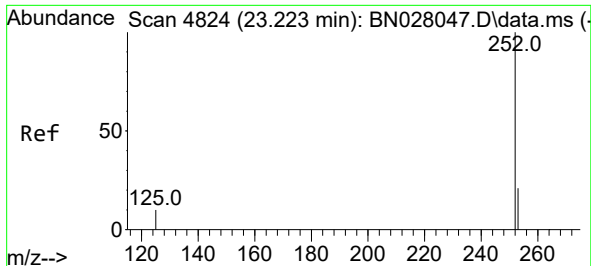
Tgt Ion:228 Resp: 63707
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 28.1 21.5 32.3



#22
Chrysene
Concen: 1.494 ng/ul
RT: 21.559 min Scan# 4255
Delta R.T. -0.015 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

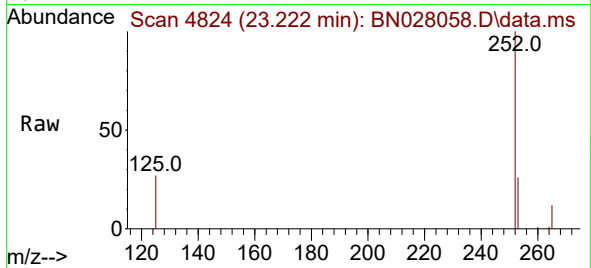
Tgt Ion:228 Resp: 73985
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 24.4 16.0 24.0#



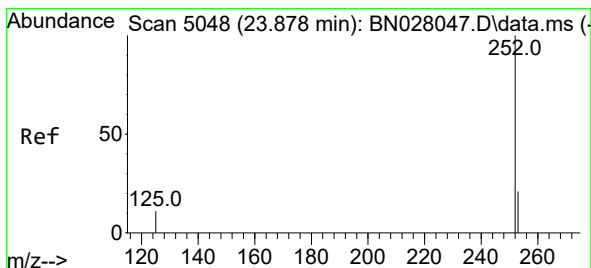
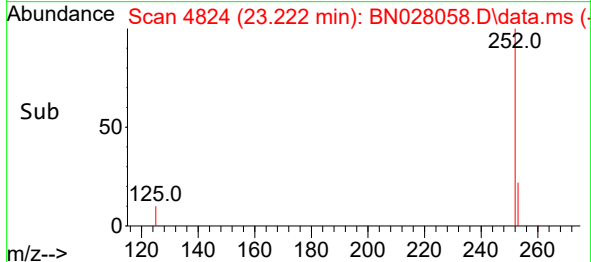
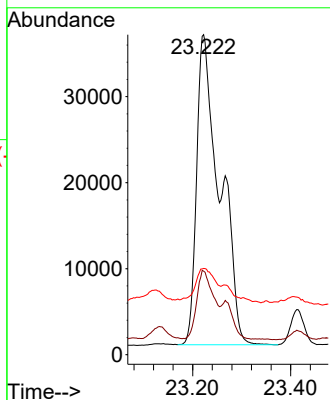


#24
Benzo(b)fluoranthene
Concen: 2.141 ng/ul
RT: 23.222 min Scan# 4824
Delta R.T. -0.018 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

Instrument :
BNA_N
ClientSampleId :
EZY6

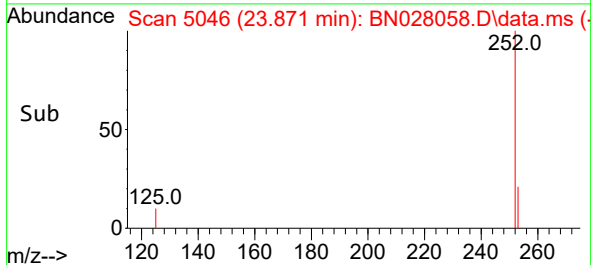
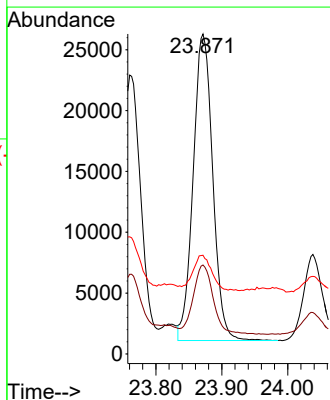
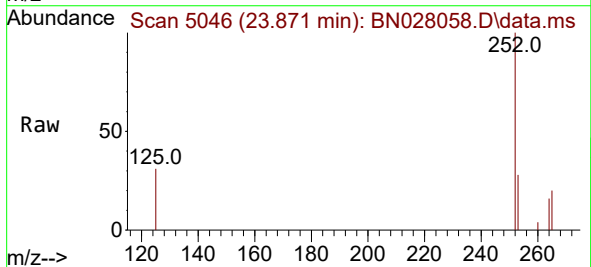


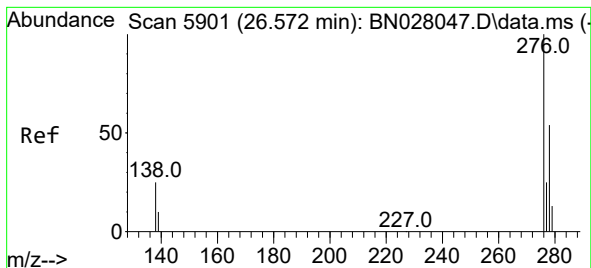
Tgt Ion:252 Resp: 118763
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.0
125 27.0 0.0 31.4



#26
Benzo(a)pyrene
Concen: 1.099 ng/ul
RT: 23.871 min Scan# 5046
Delta R.T. -0.023 min
Lab File: BN028058.D
Acq: 05 Oct 2023 20:55

Tgt Ion:252 Resp: 51994
Ion Ratio Lower Upper
252 100
253 27.8 23.4 35.2
125 30.9 15.3 22.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.736 ng/ul

RT: 26.559 min Scan# 5901

Delta R.T. -0.044 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

Instrument :

BNA_N

ClientSampleId :

EZYY6

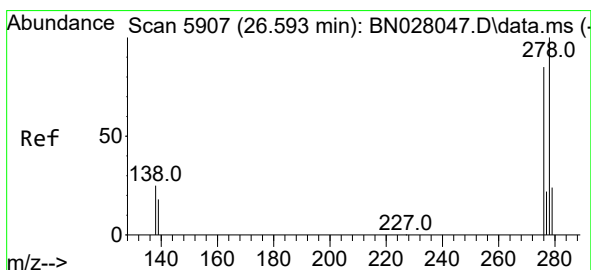
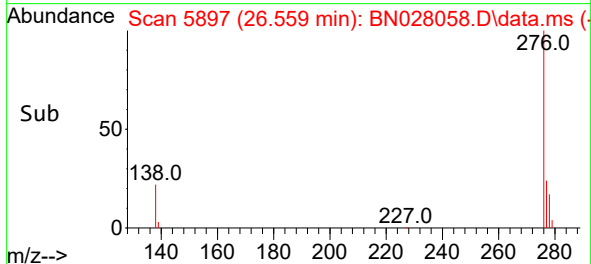
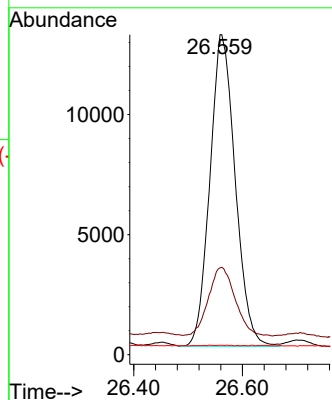
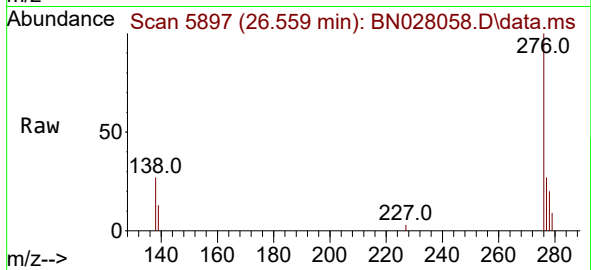
Tgt Ion:276 Resp: 42097

Ion Ratio Lower Upper

276 100

138 23.5 21.6 32.4

227 0.2 0.2 0.2



#28

Dibenzo(a,h)anthracene

Concen: 0.248 ng/ul

RT: 26.572 min Scan# 5901

Delta R.T. -0.047 min

Lab File: BN028058.D

Acq: 05 Oct 2023 20:55

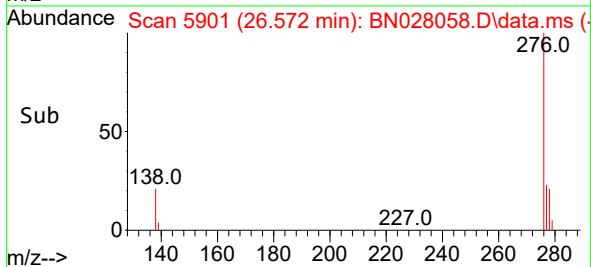
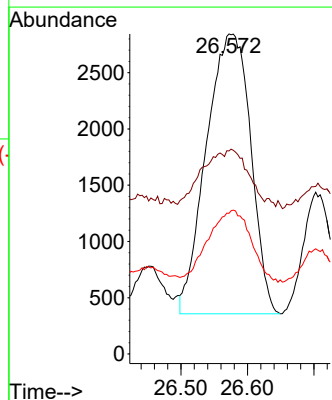
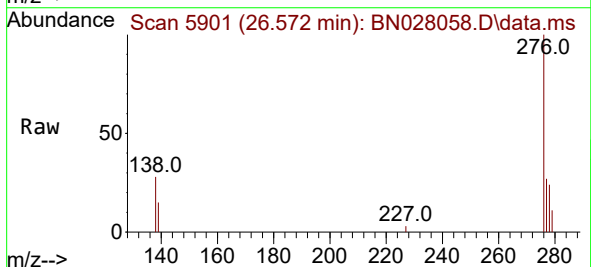
Tgt Ion:278 Resp: 11547

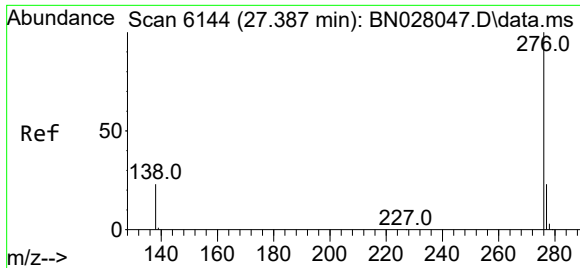
Ion Ratio Lower Upper

278 100

139 63.5 15.9 23.9#

279 44.0 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.876 ng/ul
 RT: 27.374 min Scan# 61
 Delta R.T. -0.047 min
 Lab File: BN028058.D
 Acq: 05 Oct 2023 20:55

Instrument :
 BNA_N
 ClientSampleId :
 EZYY6

Tgt Ion:	276	Resp:	41007
Ion Ratio	Lower	Upper	
276	100		
138	28.6	19.8	29.6
277	26.3	20.6	31.0

