

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028056.D
 Acq On : 05 Oct 2023 19:41
 Operator : MA/JU
 Sample : 04469-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM2

Quant Time: Oct 06 01:37:16 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)

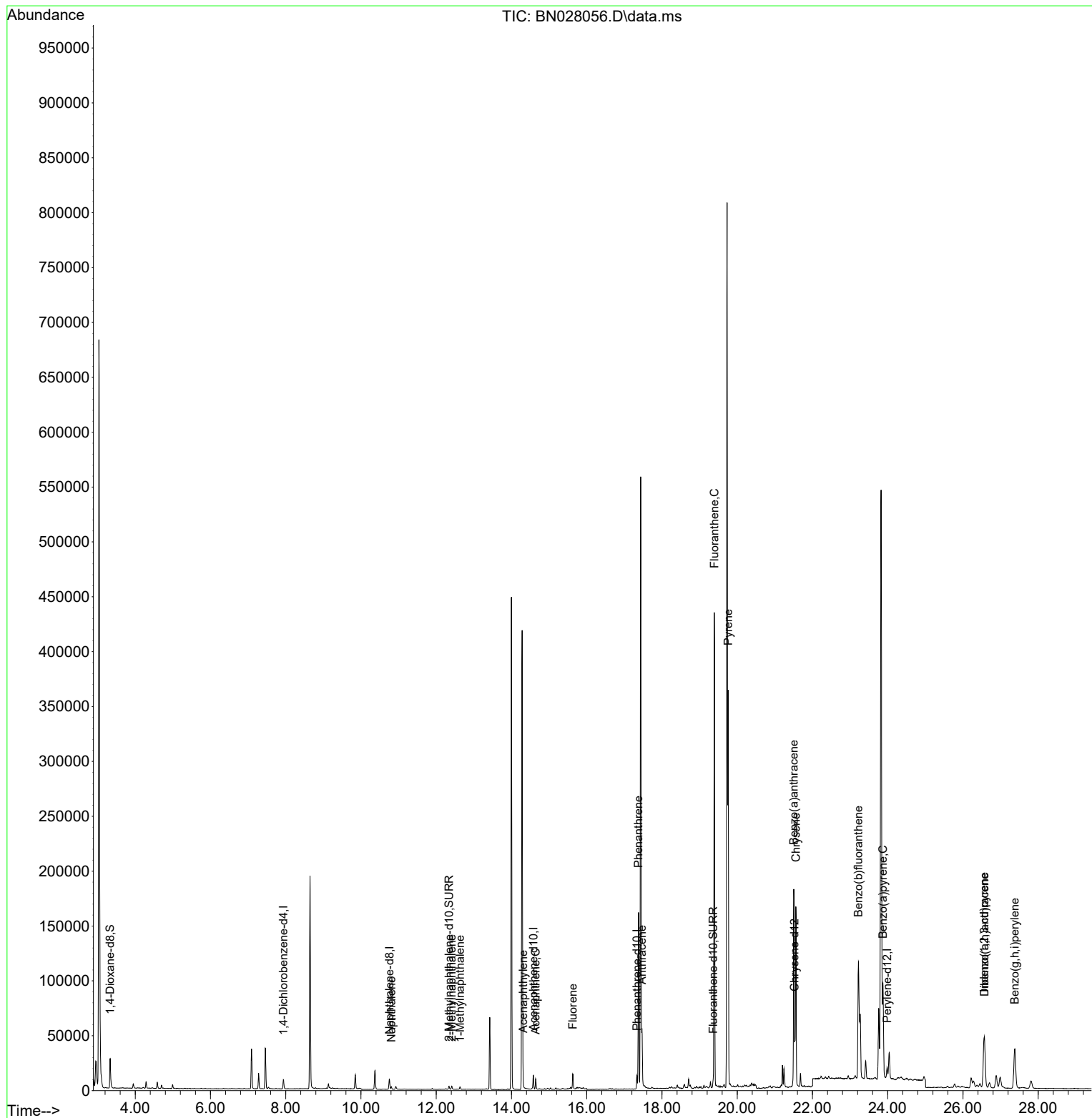
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4330	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	12981	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.583	164	6948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	14143	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.522	240	13319	0.400	ng/ul	#-0.01
23) Perylene-d12	23.983	264	13956	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	20863	3.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	3774	0.180	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	8088	0.191	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	3201	0.087	ng/ul#	94
7) 2-Methylnaphthalene	12.412	142	2215	0.095	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	1546	0.064	ng/ul	100
10) Acenaphthylene	14.310	152	2967	0.094	ng/ul#	87
11) Acenaphthene	14.643	153	5671	0.226	ng/ul	99
12) Fluorene	15.628	166	8760	0.314	ng/ul	98
15) Phenanthrene	17.375	178	166792	3.957	ng/ul	99
16) Anthracene	17.468	178	49755	1.319	ng/ul	100
19) Fluoranthene	19.390	202	359117	7.061	ng/ul	99
20) Pyrene	19.757	202	292496	5.549	ng/ul	100
21) Benzo(a)anthracene	21.504	228	164161	3.376	ng/ul	99
22) Chrysene	21.560	228	161276	3.284	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	273740	5.290	ng/ul	95
26) Benzo(a)pyrene	23.872	252	126684	2.871	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.569	276	89533	1.677	ng/ul	93
28) Dibenzo(a,h)anthracene	26.576	278	23585	0.543	ng/ul#	89
29) Benzo(g,h,i)perylene	27.377	276	81946	1.877	ng/ul	99

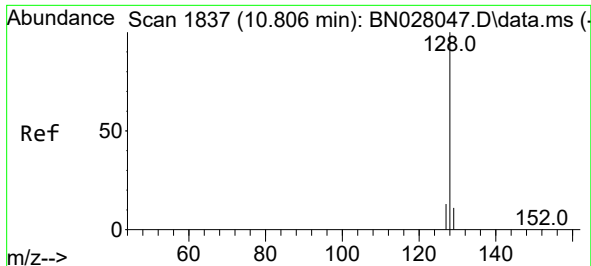
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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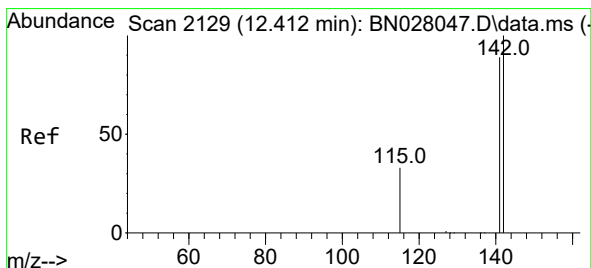
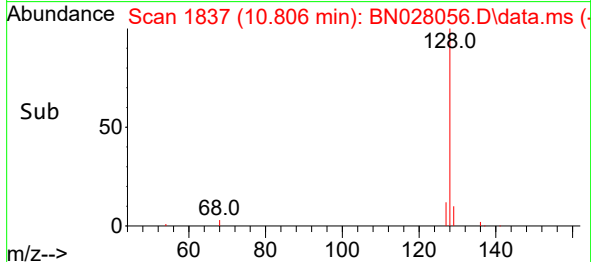
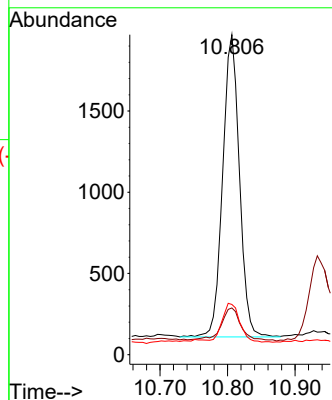
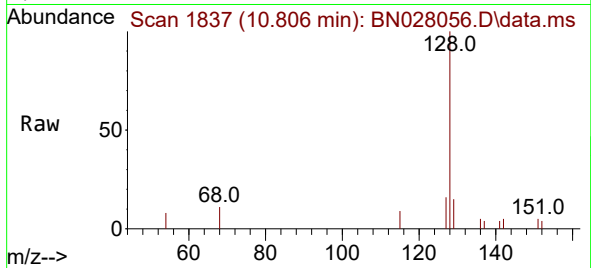




#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

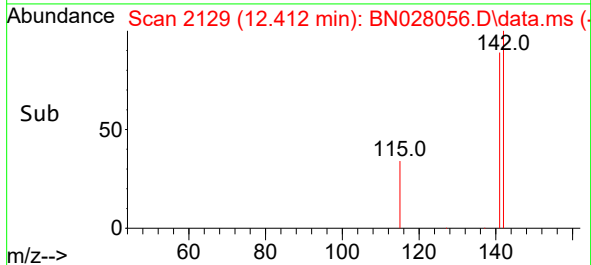
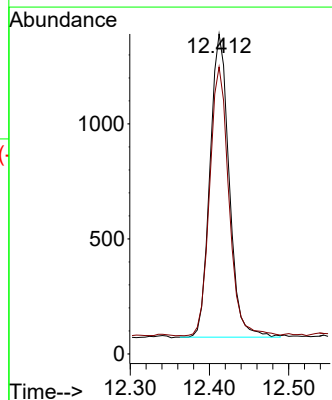
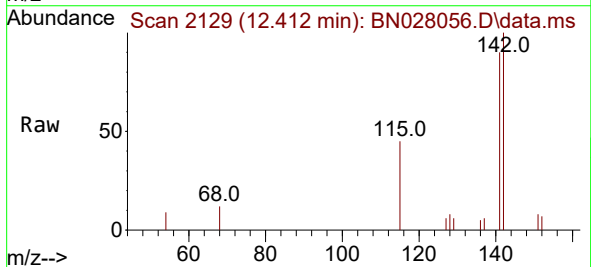
Instrument :
BNA_N
ClientSampleId :
EZY2

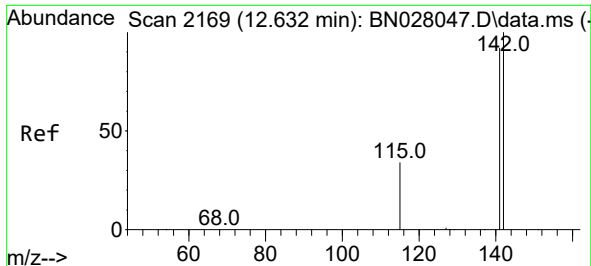
Tgt Ion:128 Resp: 3201
Ion Ratio Lower Upper
128 100
129 14.6 9.4 14.0#
127 15.7 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Tgt Ion:142 Resp: 2215
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

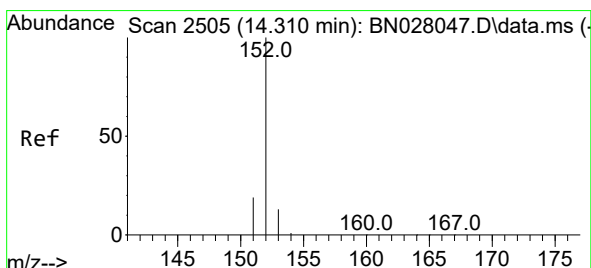
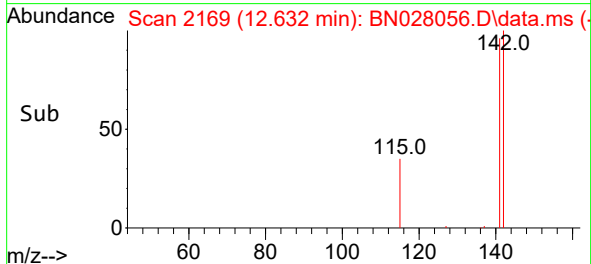
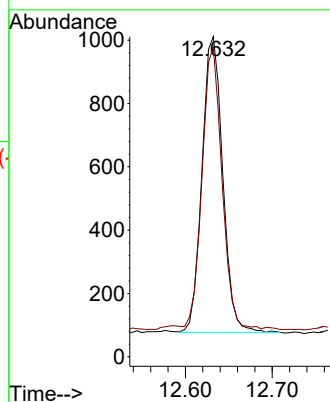
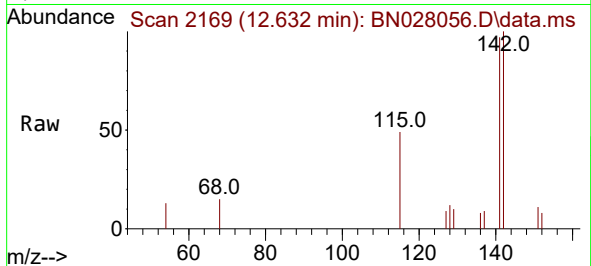




#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

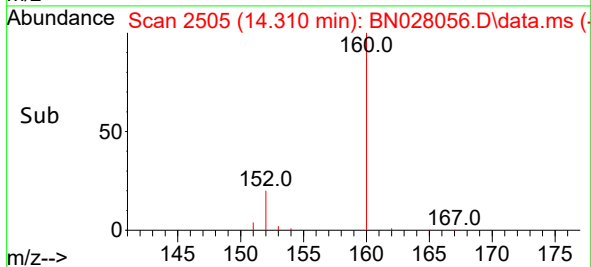
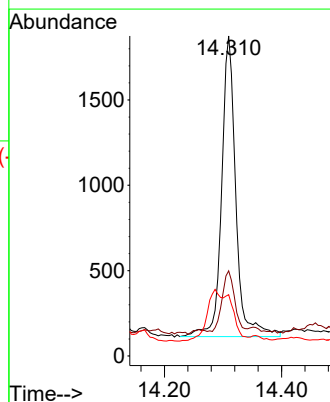
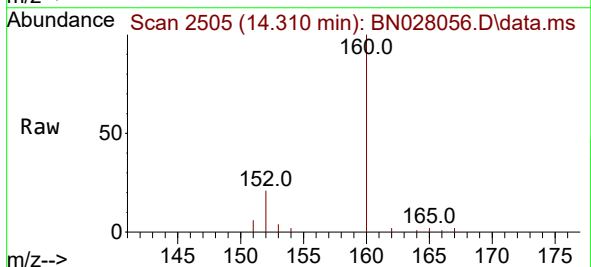
Instrument :
BNA_N
ClientSampleId :
EZYM2

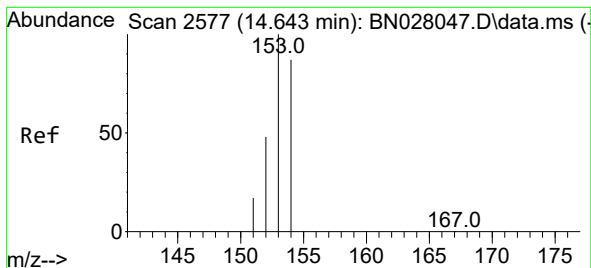
Tgt Ion:142 Resp: 1546
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6



#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Tgt Ion:152 Resp: 2967
Ion Ratio Lower Upper
152 100
151 26.6 16.4 24.6#
153 19.1 10.9 16.3#





#11

Acenaphthene

Concen: 0.226 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. -0.014 min

Lab File: BN028056.D

Acq: 05 Oct 2023 19:41

Instrument :

BNA_N

ClientSampleId :

EZYM2

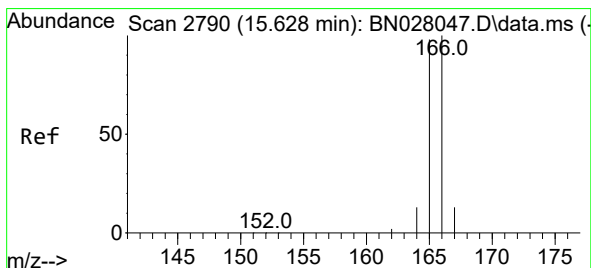
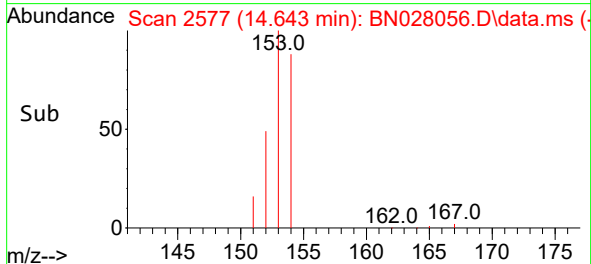
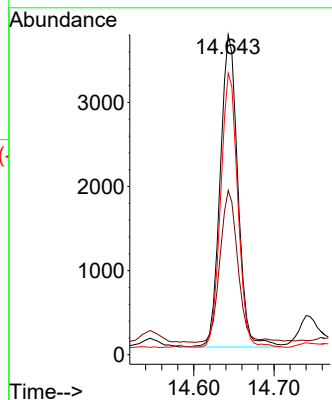
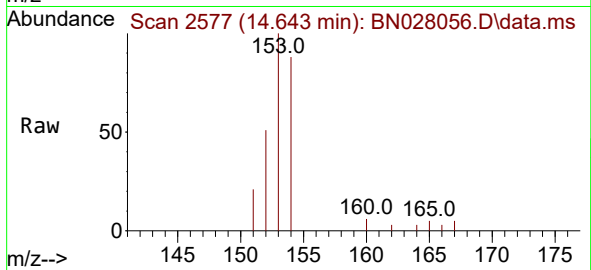
Tgt Ion:153 Resp: 5671

Ion Ratio Lower Upper

153 100

152 51.3 39.4 59.0

154 87.9 70.2 105.4



#12

Fluorene

Concen: 0.314 ng/ul

RT: 15.628 min Scan# 2790

Delta R.T. -0.014 min

Lab File: BN028056.D

Acq: 05 Oct 2023 19:41

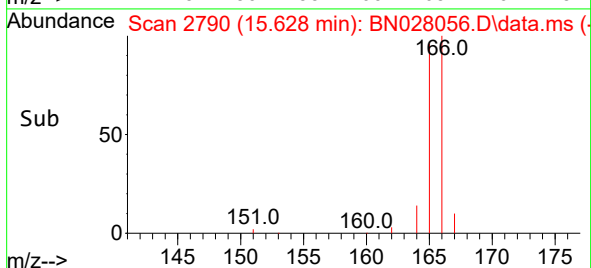
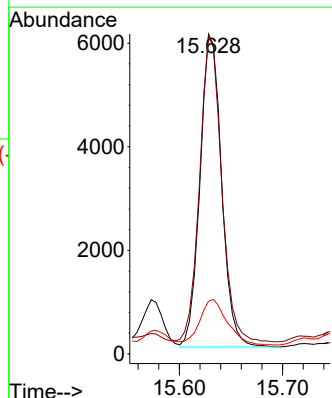
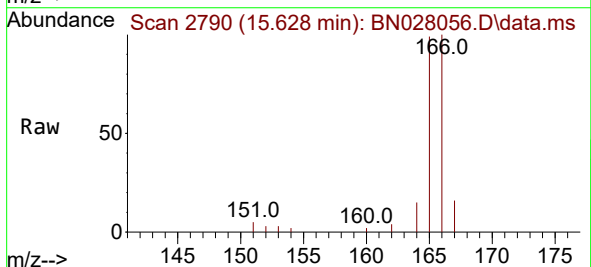
Tgt Ion:166 Resp: 8760

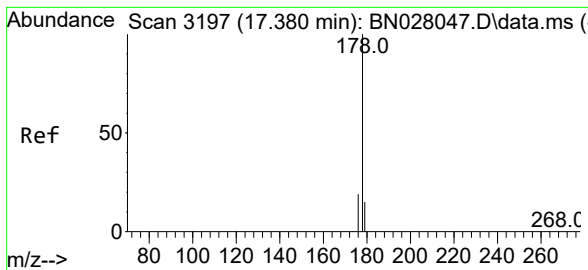
Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

167 16.5 11.2 16.8

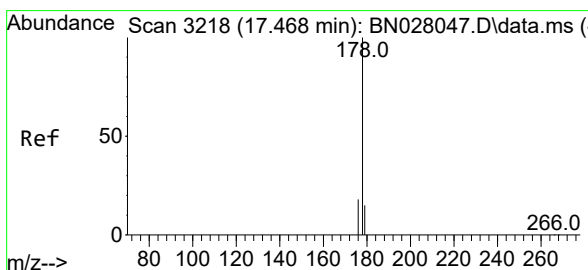
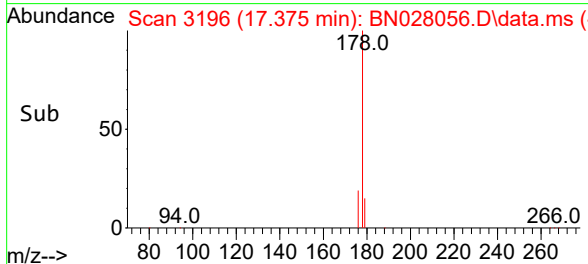
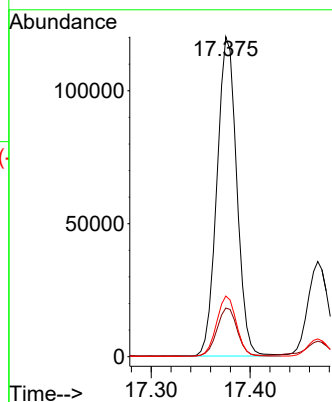
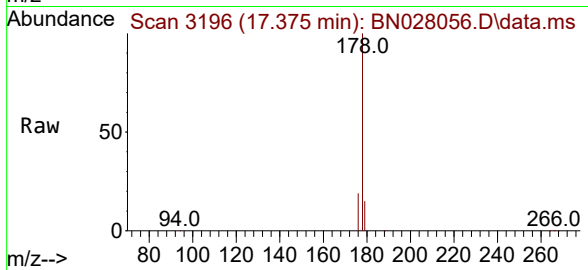




#15
Phenanthrene
Concen: 3.957 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.012 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

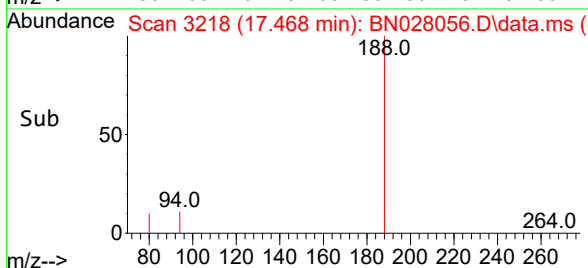
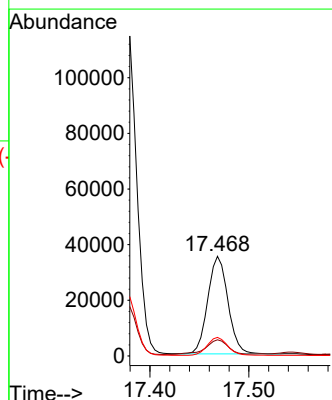
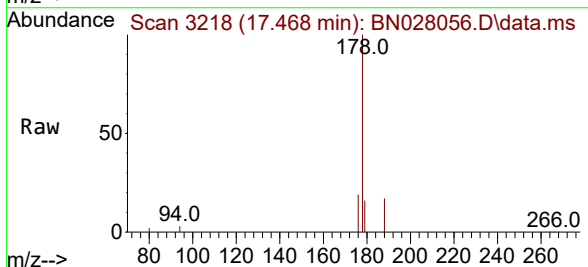
Instrument :
BNA_N
ClientSampleId :
EZYM2

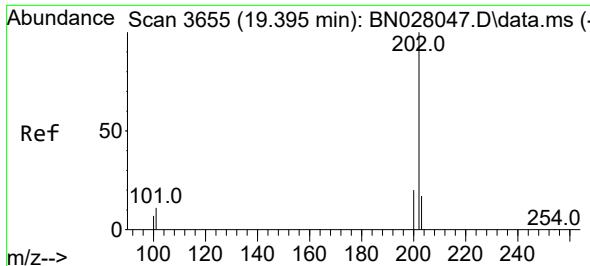
Tgt Ion:178 Resp: 166792
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.9 15.5 23.3



#16
Anthracene
Concen: 1.319 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Tgt Ion:178 Resp: 49755
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 18.7 15.0 22.6

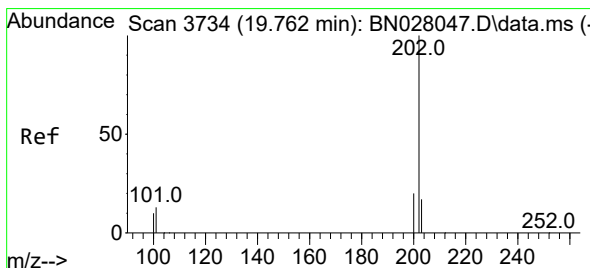
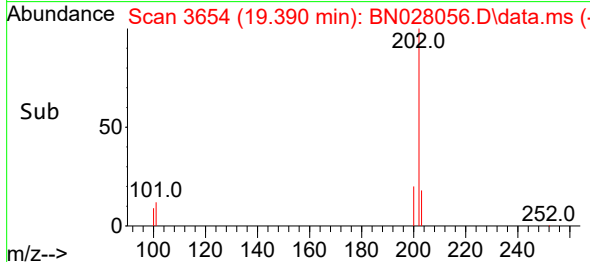
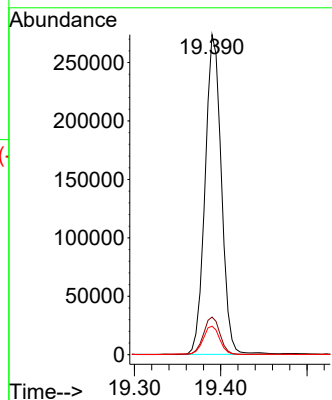
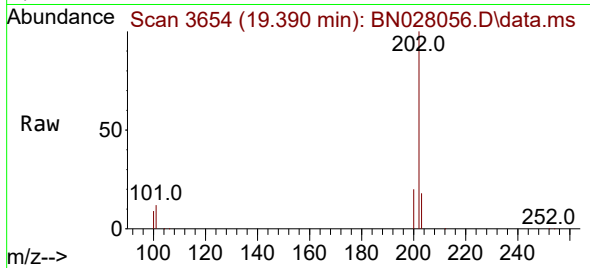




#19
Fluoranthene
Concen: 7.061 ng/u1
RT: 19.390 min Scan# 3655
Delta R.T. -0.014 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

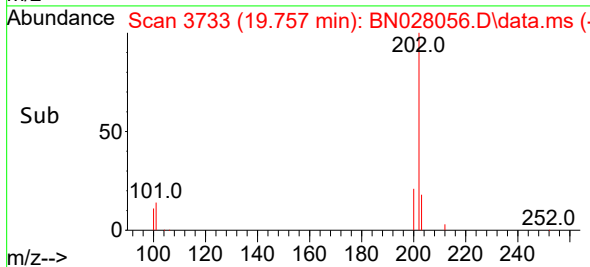
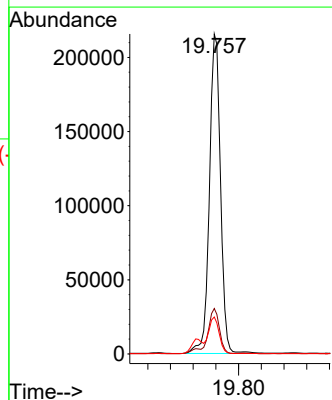
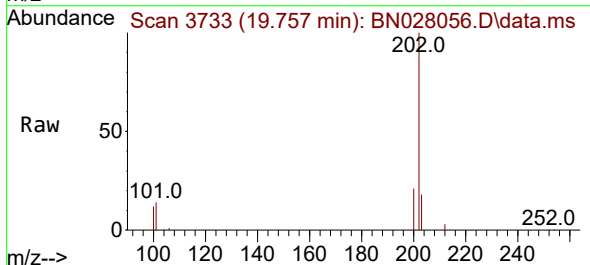
Instrument :
BNA_N
ClientSampleId :
EZYM2

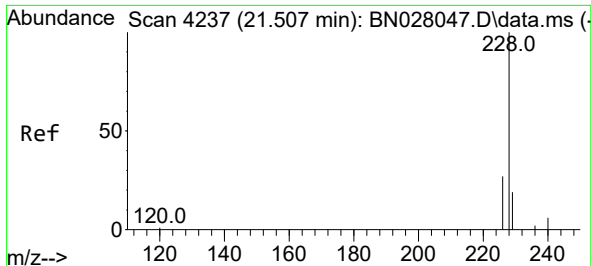
Tgt Ion:202 Resp: 359117
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 8.9 7.4 11.0



#20
Pyrene
Concen: 5.549 ng/u1
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

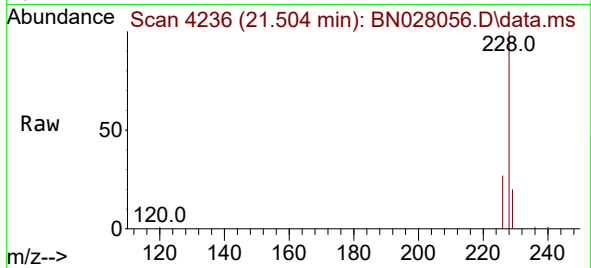
Tgt Ion:202 Resp: 292496
Ion Ratio Lower Upper
202 100
101 14.2 11.2 16.8
100 11.5 9.1 13.7



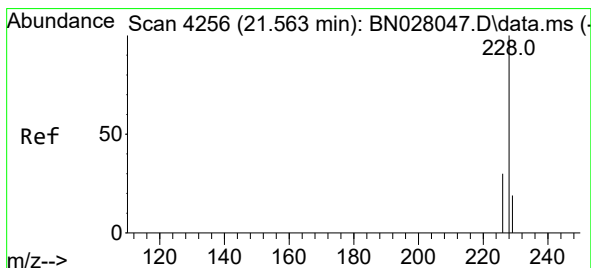
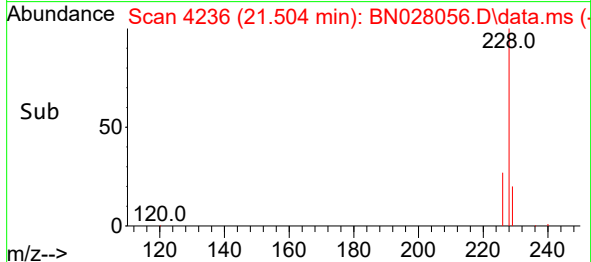
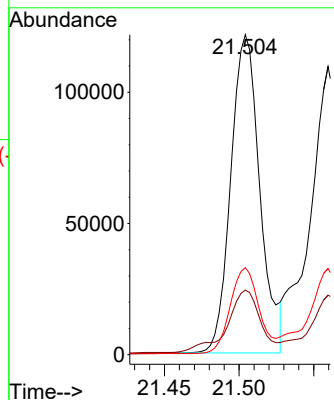


#21
Benzo(a)anthracene
Concen: 3.376 ng/ul
RT: 21.504 min Scan# 41
Delta R.T. -0.014 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Instrument :
BNA_N
ClientSampleId :
EZYM2

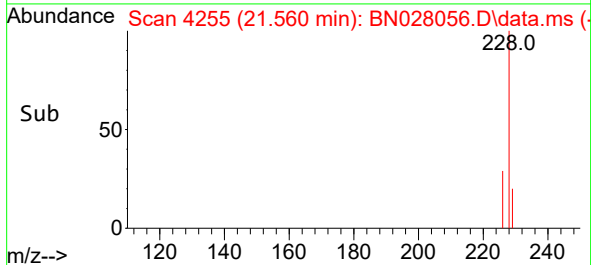
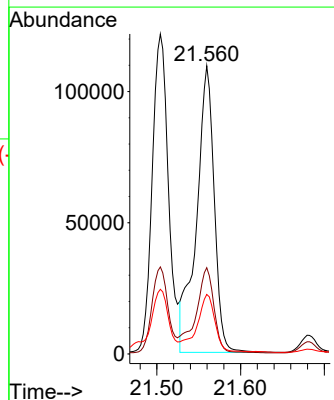
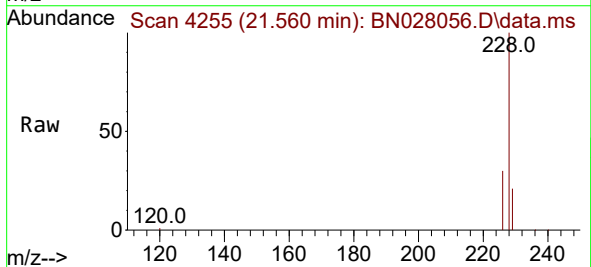


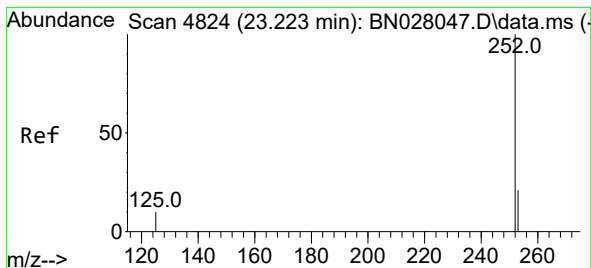
Tgt Ion:228 Resp: 164161
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.2 21.5 32.3



#22
Chrysene
Concen: 3.284 ng/ul
RT: 21.560 min Scan# 4255
Delta R.T. -0.014 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Tgt Ion:228 Resp: 161276
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 20.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 5.290 ng/ul

RT: 23.220 min Scan# 4824

Delta R.T. -0.020 min

Lab File: BN028056.D

Acq: 05 Oct 2023 19:41

Instrument :

BNA_N

ClientSampleId :

EZYM2

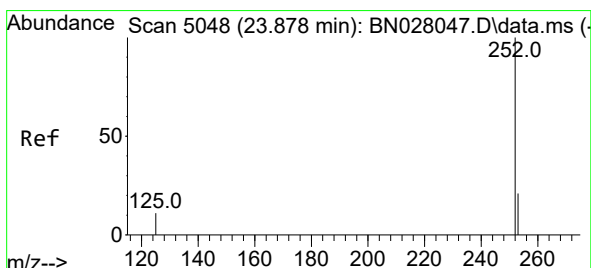
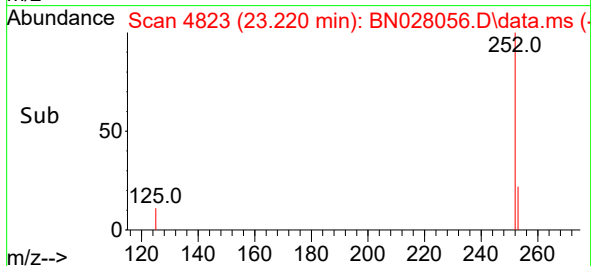
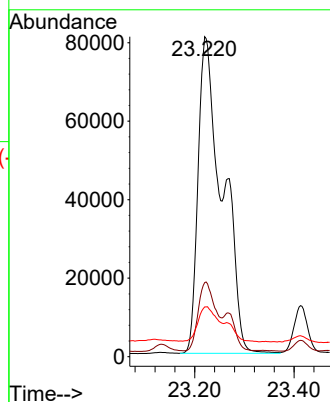
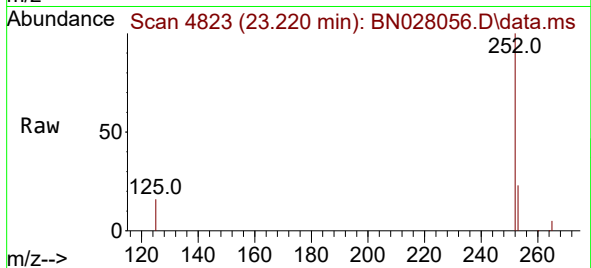
Tgt Ion:252 Resp: 273740

Ion Ratio Lower Upper

252 100

253 23.2 0.0 54.0

125 15.6 0.0 31.4



#26

Benzo(a)pyrene

Concen: 2.871 ng/ul

RT: 23.872 min Scan# 5046

Delta R.T. -0.023 min

Lab File: BN028056.D

Acq: 05 Oct 2023 19:41

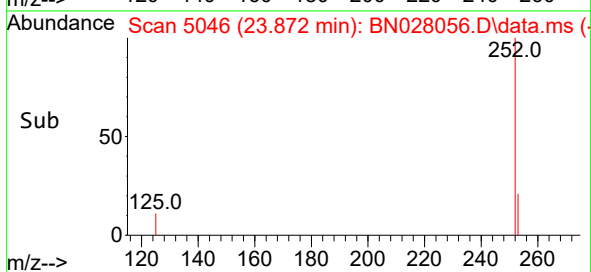
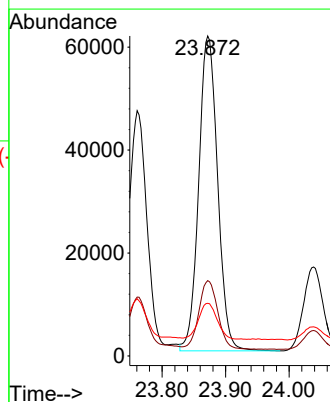
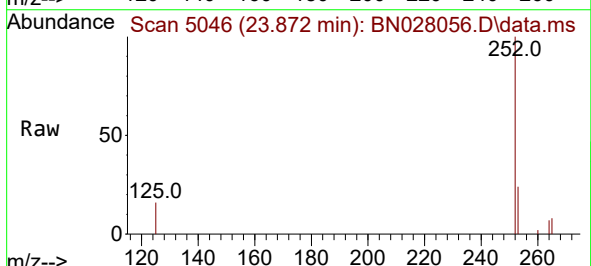
Tgt Ion:252 Resp: 126684

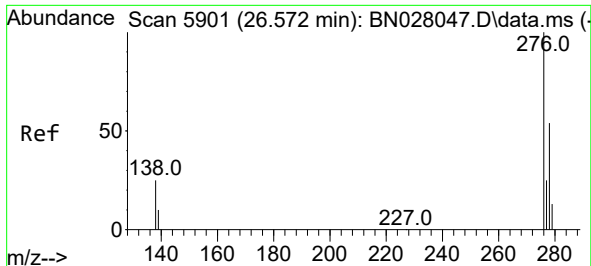
Ion Ratio Lower Upper

252 100

253 23.5 23.4 35.2

125 16.4 15.3 22.9

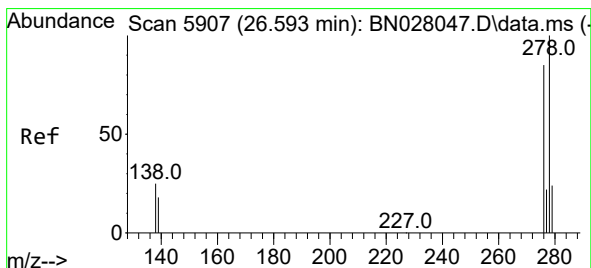
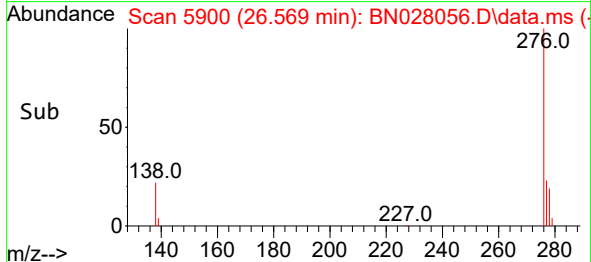
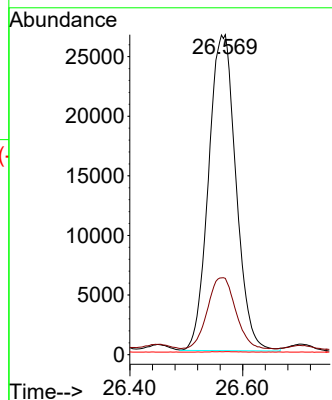
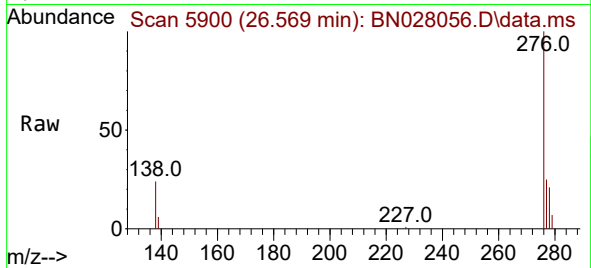




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.677 ng/ul
 RT: 26.569 min Scan# 5900
 Delta R.T. -0.033 min
 Lab File: BN028056.D
 Acq: 05 Oct 2023 19:41

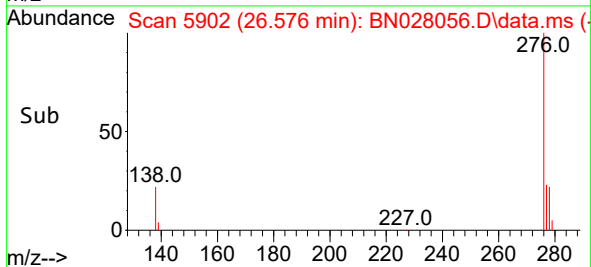
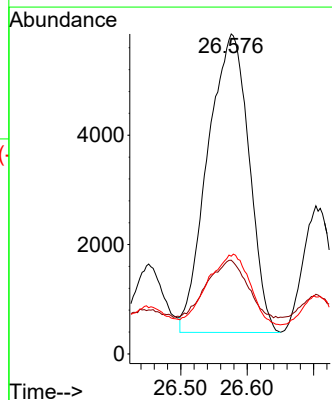
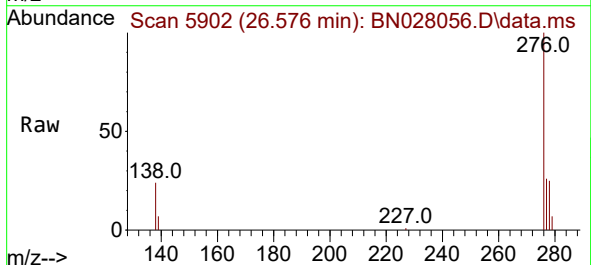
Instrument :
 BNA_N
 ClientSampleId :
 EZYM2

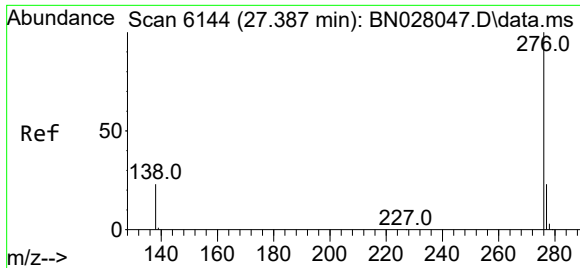
Tgt Ion:276 Resp: 89533
 Ion Ratio Lower Upper
 276 100
 138 23.2 21.6 32.4
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 0.543 ng/ul
 RT: 26.576 min Scan# 5902
 Delta R.T. -0.043 min
 Lab File: BN028056.D
 Acq: 05 Oct 2023 19:41

Tgt Ion:278 Resp: 23585
 Ion Ratio Lower Upper
 278 100
 139 29.3 15.9 23.9#
 279 30.6 22.8 34.2





#29
Benzo(g,h,i)perylene
Concen: 1.877 ng/ul
RT: 27.377 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN028056.D
Acq: 05 Oct 2023 19:41

Instrument :
BNA_N
ClientSampleId :
EZYM2

Tgt Ion:276 Resp: 81946
Ion Ratio Lower Upper
276 100
138 24.4 19.8 29.6
277 24.8 20.6 31.0

