

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040431.D
 Acq On : 29 Jun 2023 11:06
 Operator : MA/JU
 Sample : 03143-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU0

Quant Time: Jun 30 03:04:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

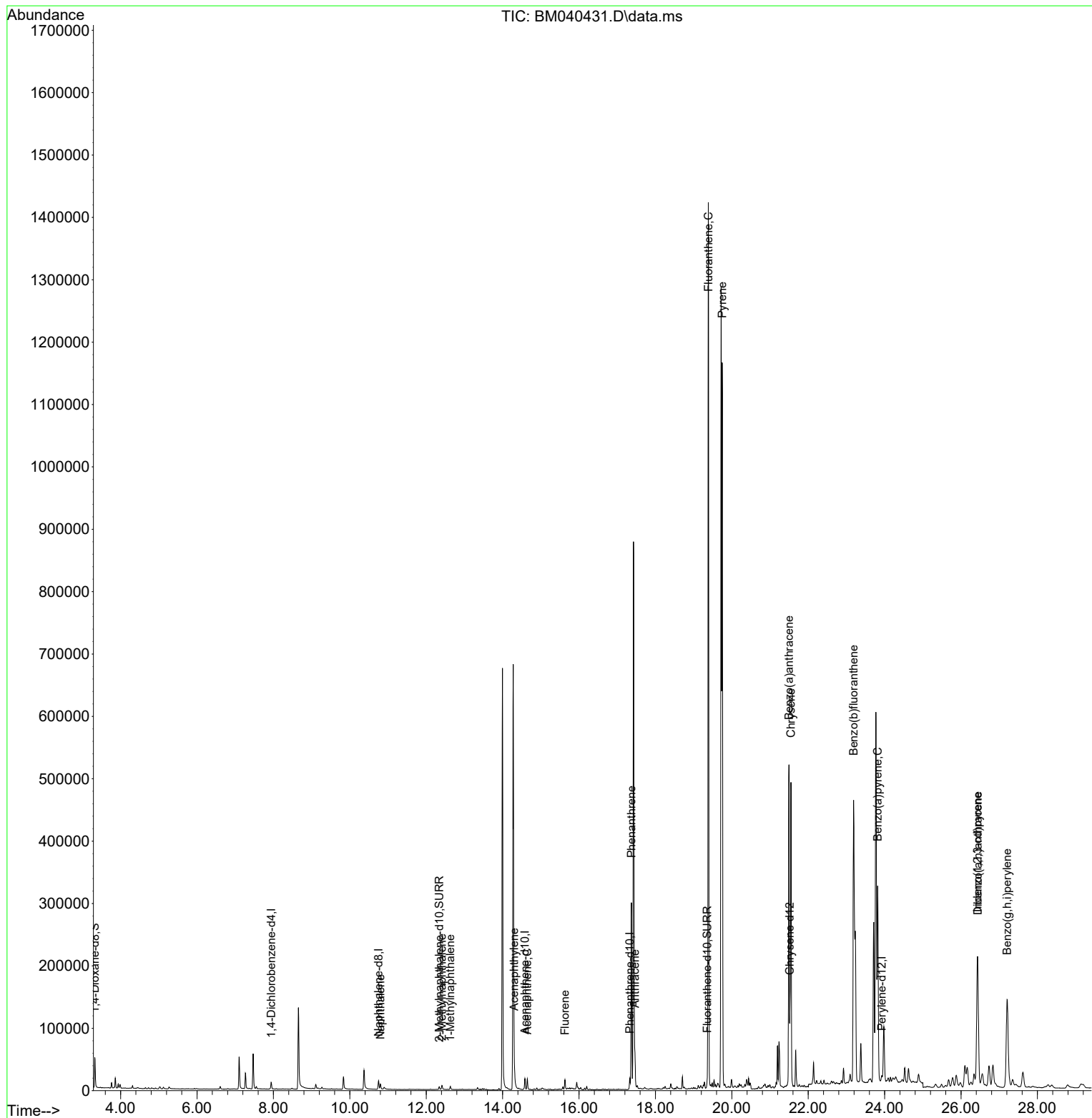
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	5831	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	20503	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	10226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	21509	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13862	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	14299	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	29271	3.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	6690	0.233	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	12803	0.288	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	12385	0.219	ng/ul#	95
7) 2-Methylnaphthalene	12.411	142	5236	0.158	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	3864	0.116	ng/ul	100
10) Acenaphthylene	14.304	152	22099	0.484	ng/ul	98
11) Acenaphthene	14.646	153	10145	0.263	ng/ul	98
12) Fluorene	15.632	166	10177	0.247	ng/ul	99
15) Phenanthrene	17.370	178	317910	4.758	ng/ul	99
16) Anthracene	17.463	178	46859	0.835	ng/ul	100
19) Fluoranthene	19.384	202	1165322	19.790	ng/ul	96
20) Pyrene	19.747	202	940887	14.904	ng/ul	99
21) Benzo(a)anthracene	21.494	228	446591	9.525	ng/ul	99
22) Chrysene	21.547	228	494662	9.248	ng/ul	99
24) Benzo(b)fluoranthene	23.189	252	780322	14.101	ng/ul	89
26) Benzo(a)pyrene	23.818	252	462028	9.269	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.430	276	371496	5.351	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.437	278	87305	1.606	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	337943	5.554	ng/ul	95

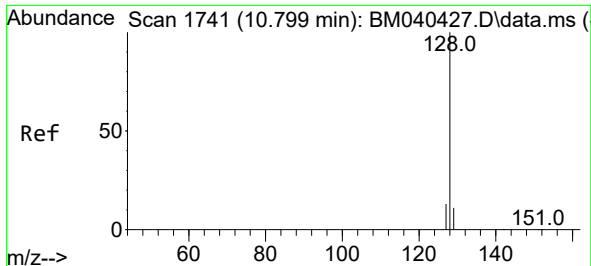
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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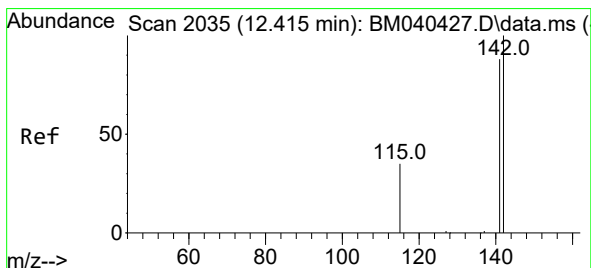
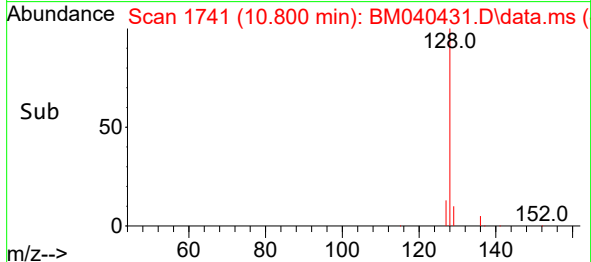
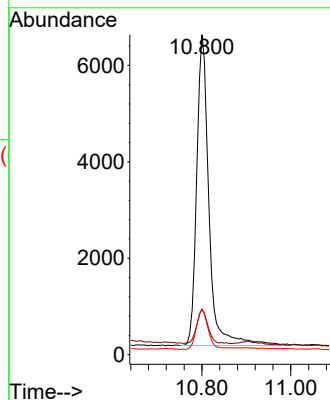
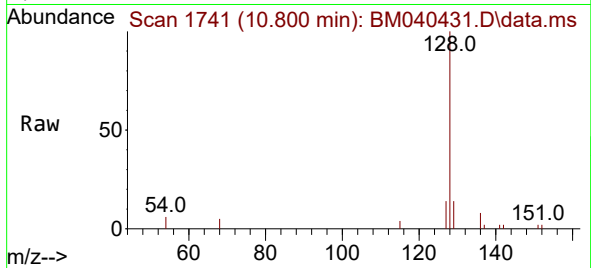




#5
Naphthalene
Concen: 0.219 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

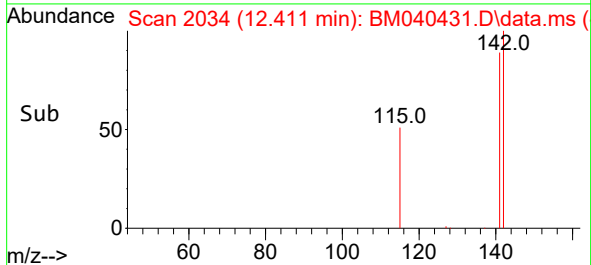
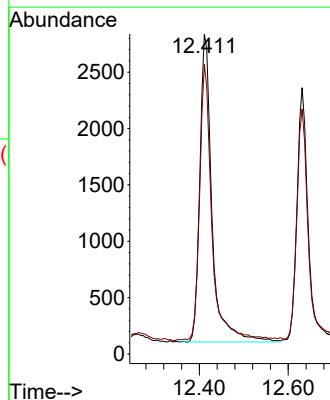
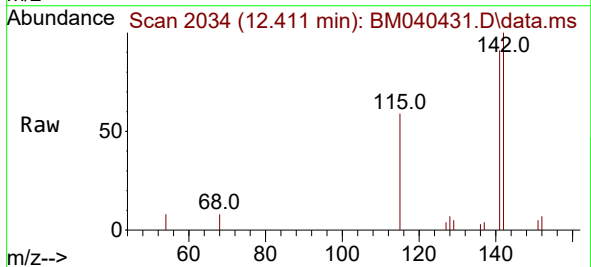
Instrument :
BNA_M
ClientSampleId :
DCFU0

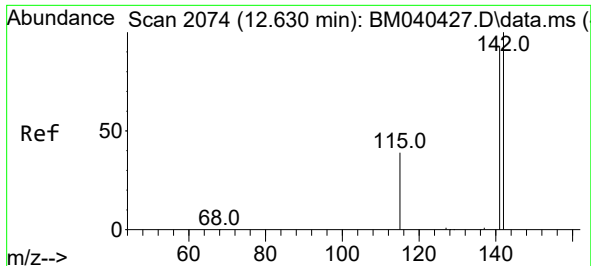
Tgt Ion:128 Resp: 12385
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8#
127 14.1 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Tgt Ion:142 Resp: 5236
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9

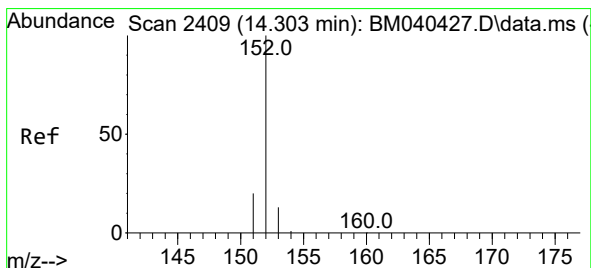
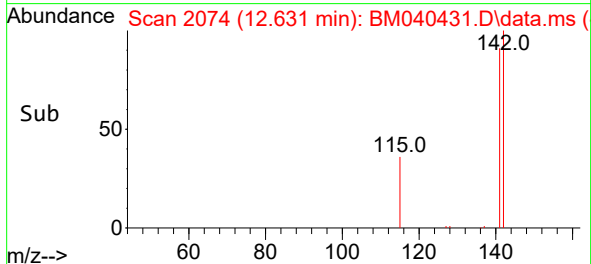
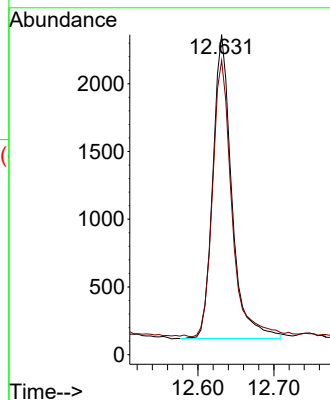
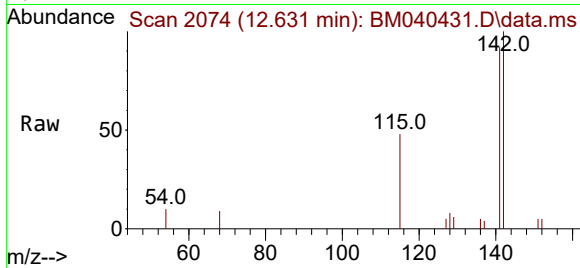




#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

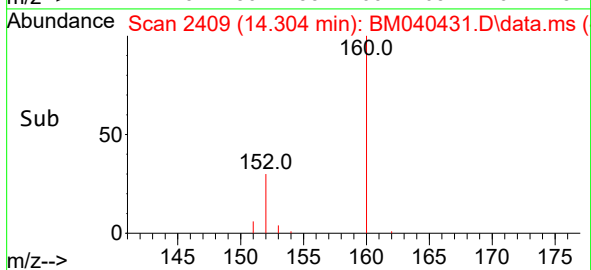
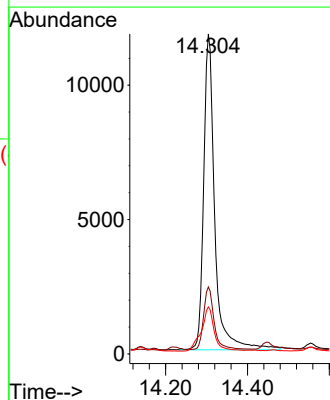
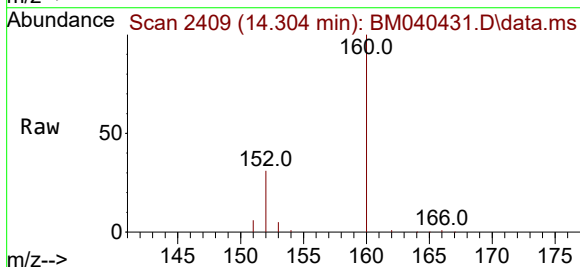
Instrument :
BNA_M
ClientSampleId :
DCFU0

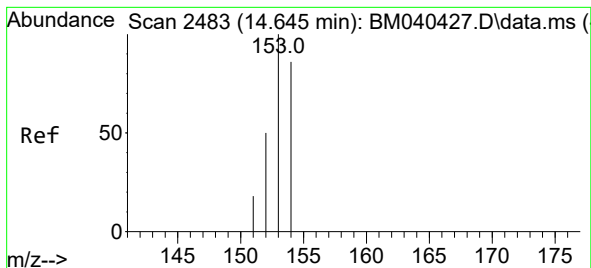
Tgt Ion:142 Resp: 3864
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5



#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Tgt Ion:152 Resp: 22099
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.7 10.9 16.3





#11

Acenaphthene

Concen: 0.263 ng/ul

RT: 14.646 min Scan# 2483

Delta R.T. -0.009 min

Lab File: BM040431.D

Acq: 29 Jun 2023 11:06

Instrument :

BNA_M

ClientSampleId :

DCFU0

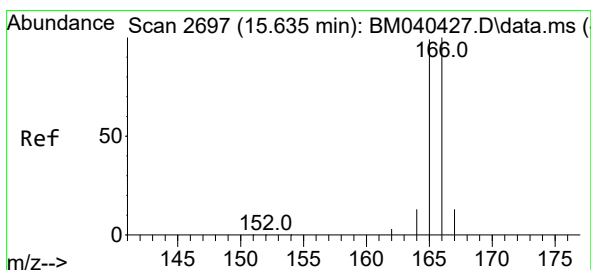
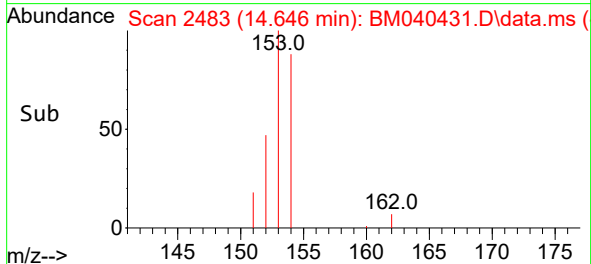
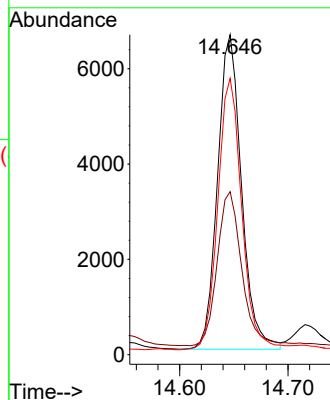
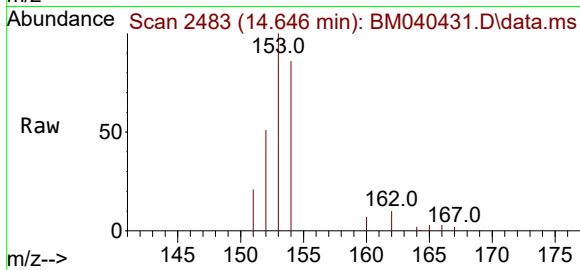
Tgt Ion:153 Resp: 10145

Ion Ratio Lower Upper

153 100

152 51.0 41.0 61.4

154 86.3 70.8 106.2



#12

Fluorene

Concen: 0.247 ng/ul

RT: 15.632 min Scan# 2696

Delta R.T. -0.009 min

Lab File: BM040431.D

Acq: 29 Jun 2023 11:06

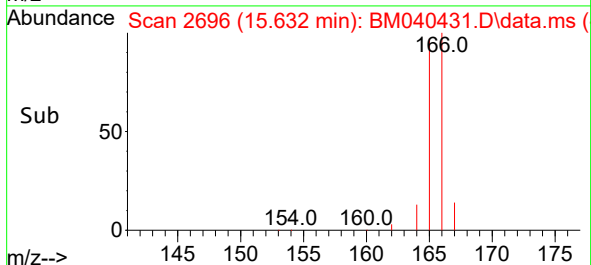
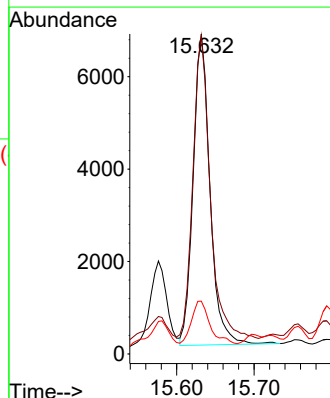
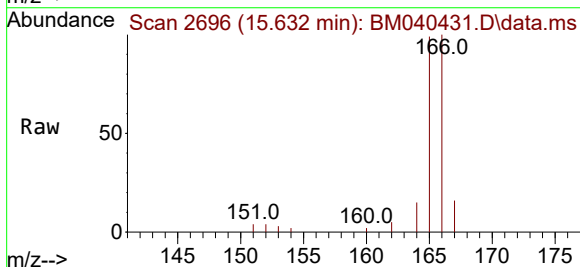
Tgt Ion:166 Resp: 10177

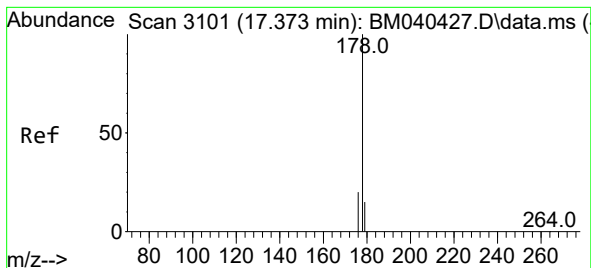
Ion Ratio Lower Upper

166 100

165 99.5 79.6 119.4

167 16.5 11.4 17.0





#15

Phenanthrene

Concen: 4.758 ng/ul

RT: 17.370 min Scan# 3101

Delta R.T. -0.008 min

Lab File: BM040431.D

Acq: 29 Jun 2023 11:06

Instrument :

BNA_M

ClientSampleId :

DCFU0

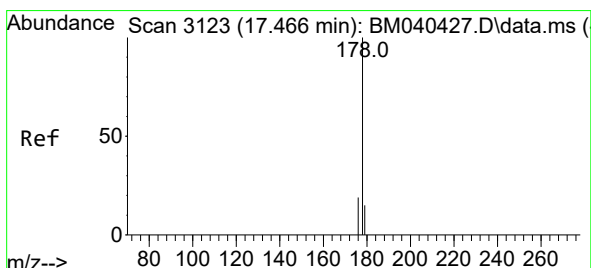
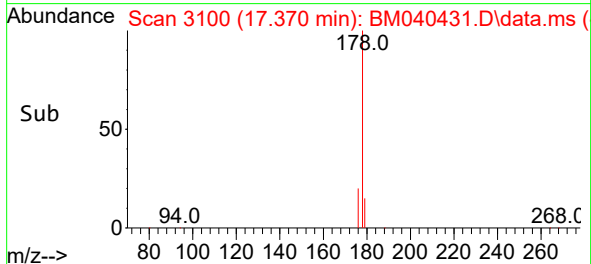
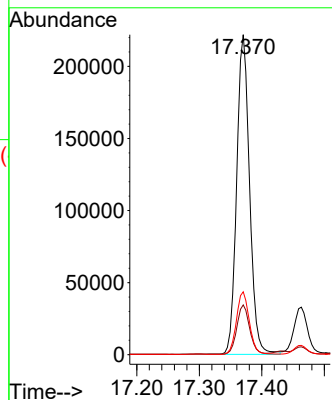
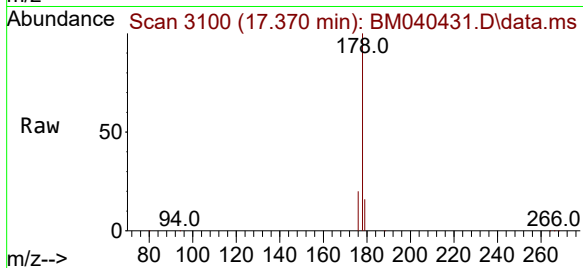
Tgt Ion:178 Resp: 317910

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.7 16.4 24.6



#16

Anthracene

Concen: 0.835 ng/ul

RT: 17.463 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BM040431.D

Acq: 29 Jun 2023 11:06

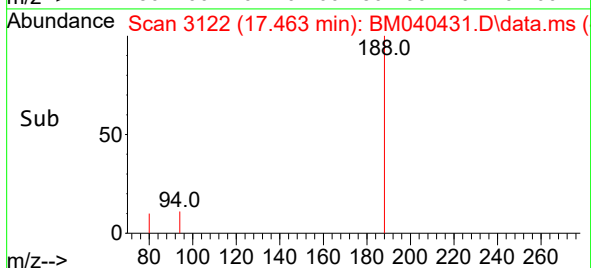
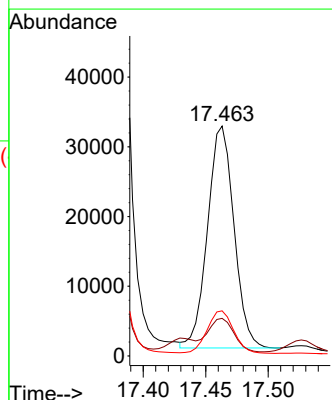
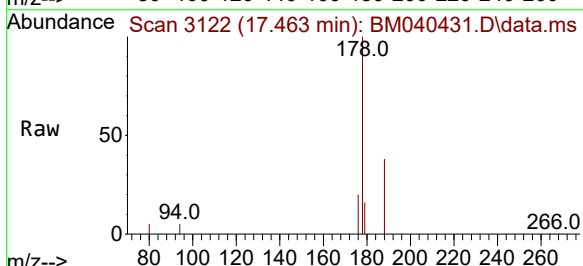
Tgt Ion:178 Resp: 46859

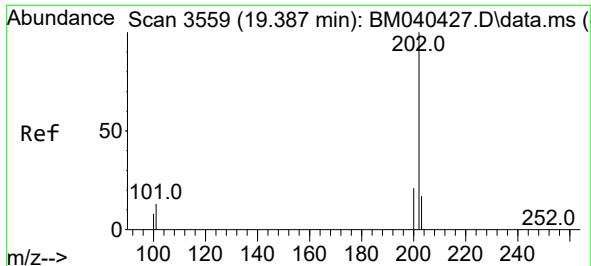
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 19.6 15.8 23.6

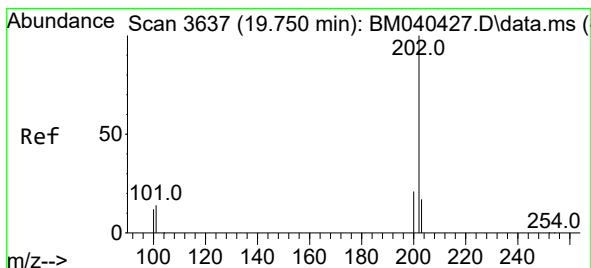
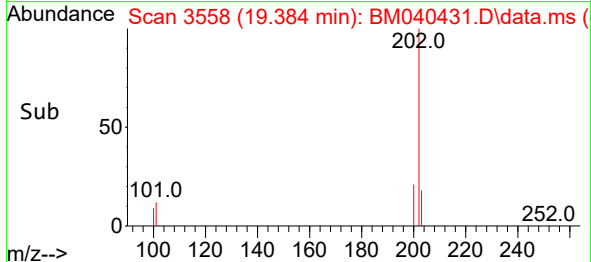
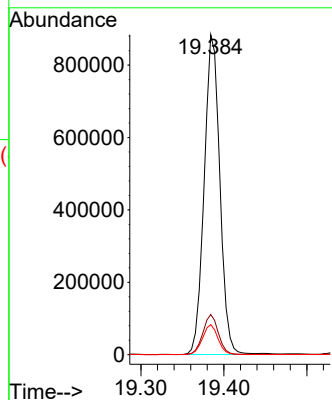
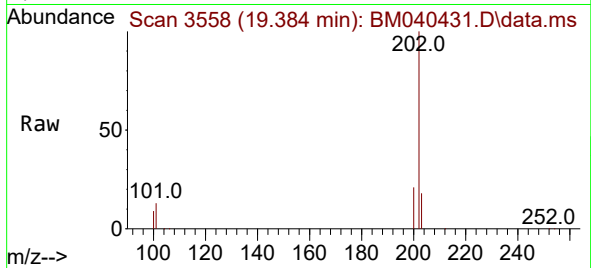




#19
Fluoranthene
Concen: 19.790 ng/ul
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

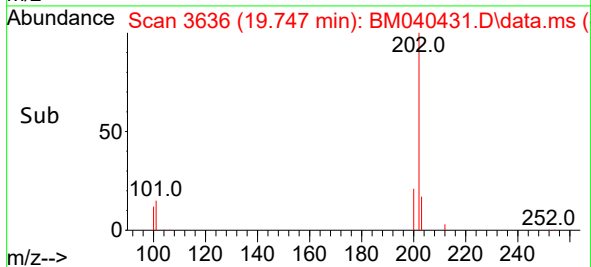
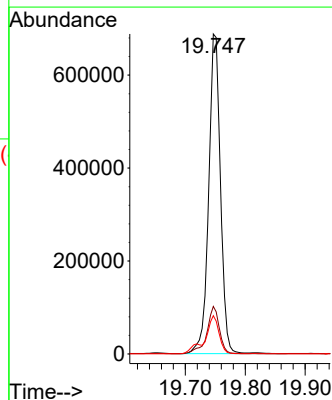
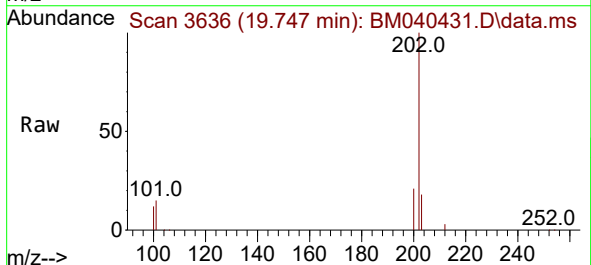
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ClientSampleId :
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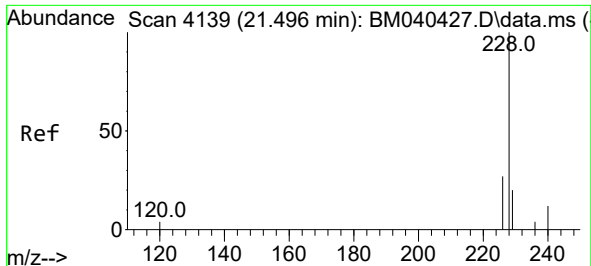
Tgt Ion:202 Resp: 1165322
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.4 8.7 13.1



#20
Pyrene
Concen: 14.904 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Tgt Ion:202 Resp: 940887
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.9 9.8 14.6

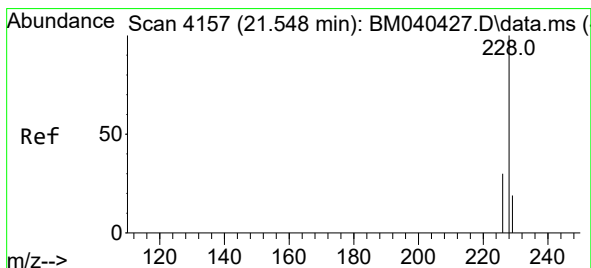
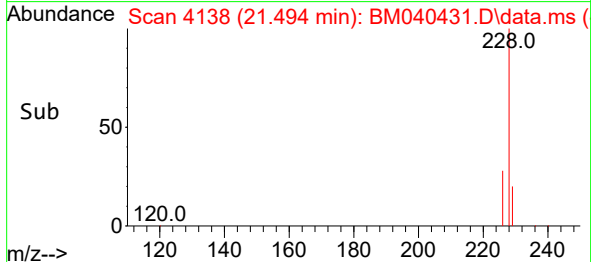
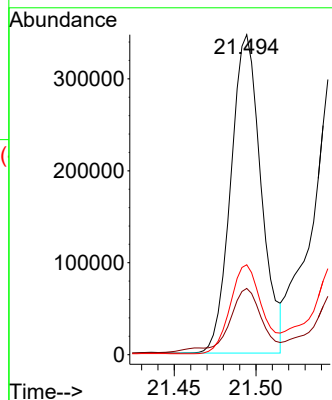
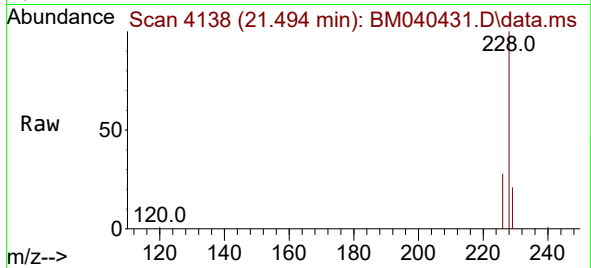




#21
Benzo(a)anthracene
Concen: 9.525 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

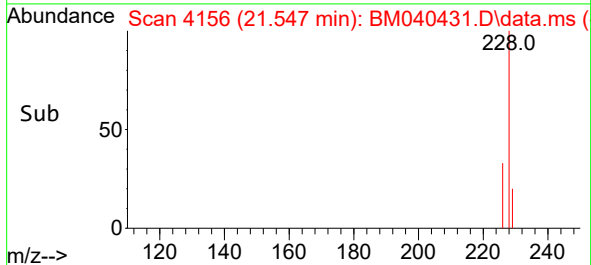
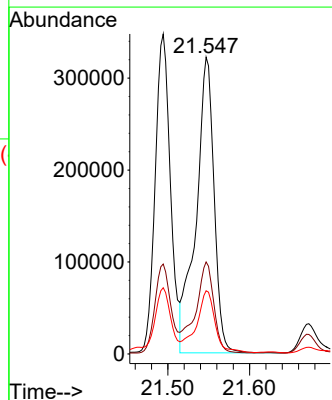
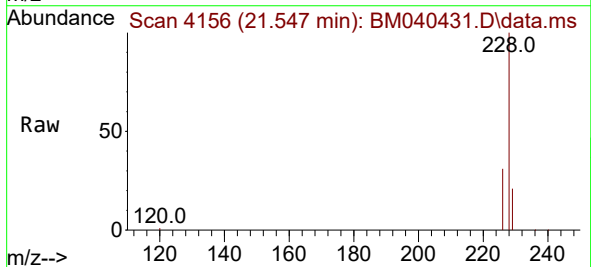
Instrument :
BNA_M
ClientSampleId :
DCFU0

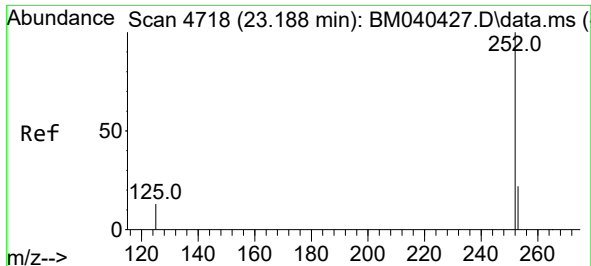
Tgt Ion:228 Resp: 446591
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.1 22.3 33.5



#22
Chrysene
Concen: 9.248 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

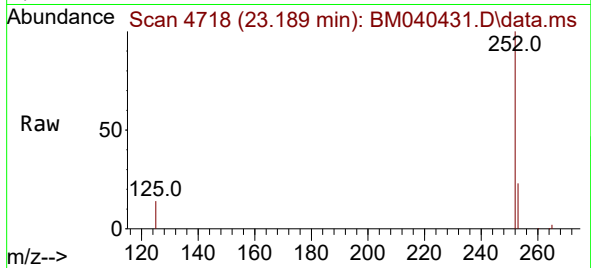
Tgt Ion:228 Resp: 494662
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.3 15.8 23.6



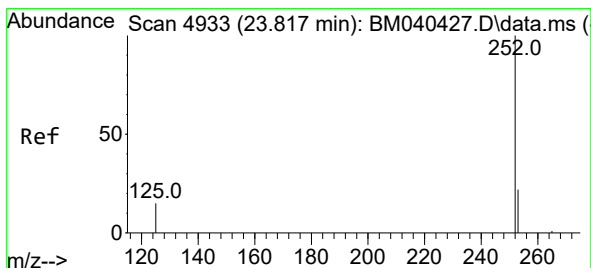
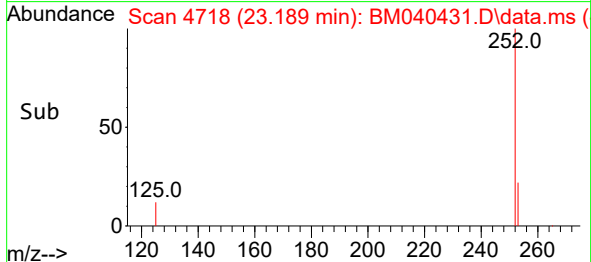
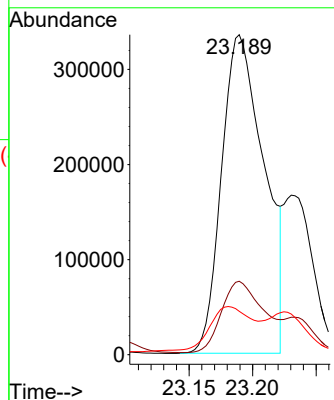


#24
Benzo(b)fluoranthene
Concen: 14.101 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Instrument :
BNA_M
ClientSampleId :
DCFU0

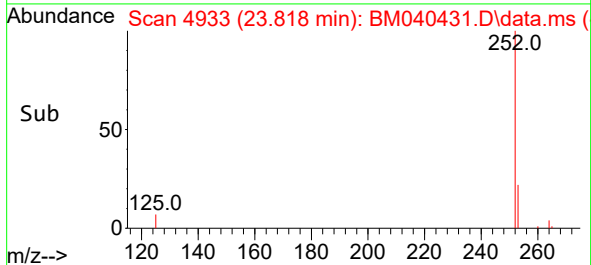
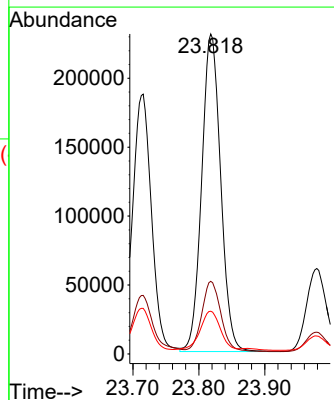
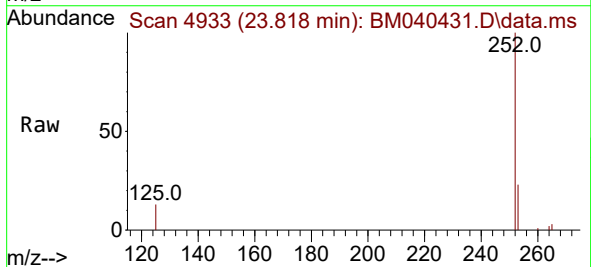


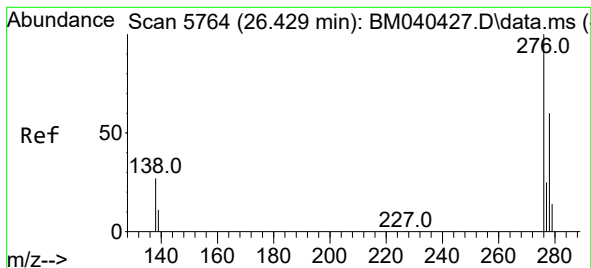
Tgt Ion:252 Resp: 780322
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 13.6 0.0 43.0



#26
Benzo(a)pyrene
Concen: 9.269 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Tgt Ion:252 Resp: 462028
Ion Ratio Lower Upper
252 100
253 22.7 22.9 34.3#
125 13.3 21.0 31.4#

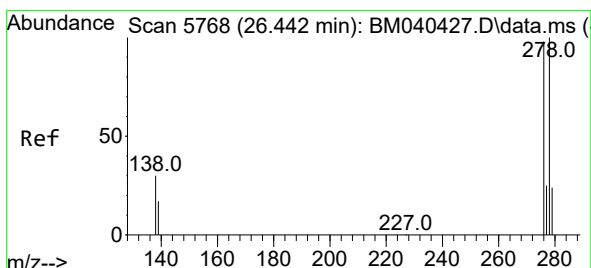
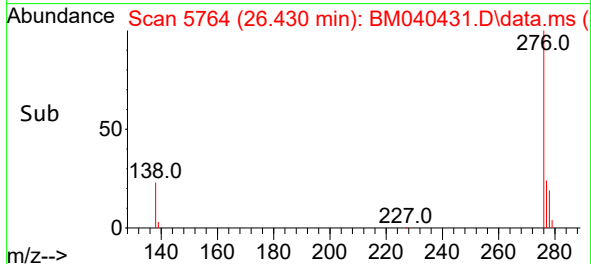
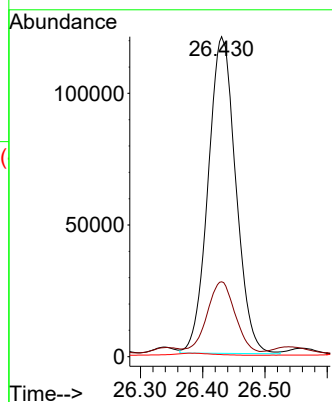
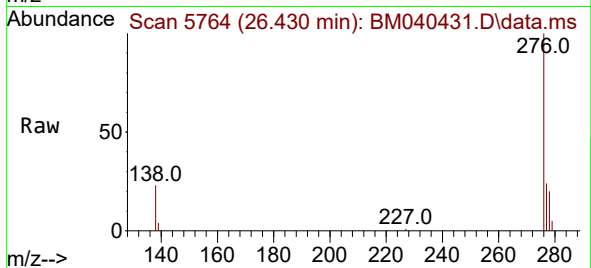




#27
Indeno(1,2,3-cd)pyrene
Concen: 5.351 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

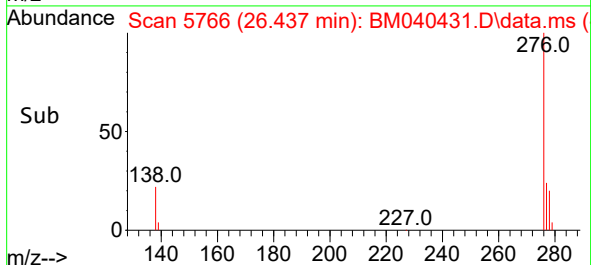
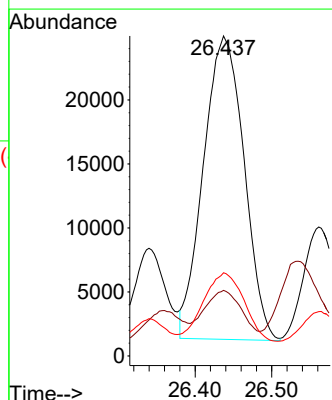
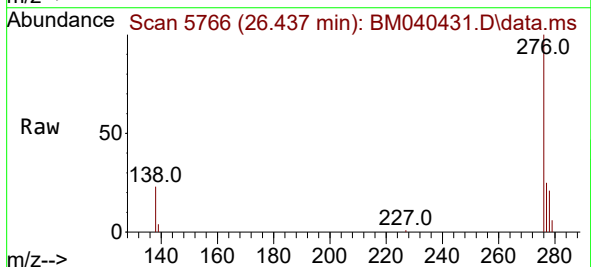
Instrument :
BNA_M
ClientSampleId :
DCFU0

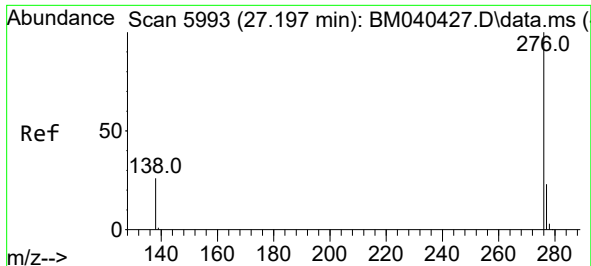
Tgt Ion:276 Resp: 371496
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.606 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040431.D
Acq: 29 Jun 2023 11:06

Tgt Ion:278 Resp: 87305
Ion Ratio Lower Upper
278 100
139 20.5 17.9 26.9
279 26.0 22.0 33.0





#29

Benzo(g,h,i)perylene

Concen: 5.554 ng/ul

RT: 27.205 min Scan# 5995

Delta R.T. -0.000 min

Lab File: BM040431.D

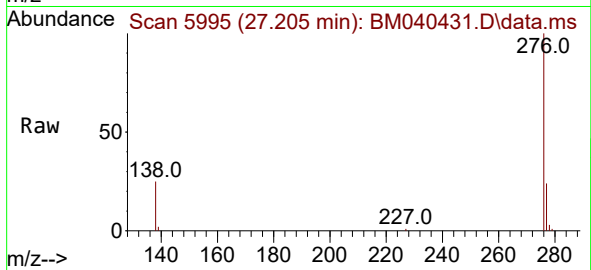
Acq: 29 Jun 2023 11:06

Instrument :

BNA_M

ClientSampleId :

DCFU0



Tgt Ion:276 Resp: 337943

Ion Ratio Lower Upper

276 100

138 24.6 23.0 34.6

277 24.1 20.3 30.5

