

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040429.D
 Acq On : 29 Jun 2023 09:52
 Operator : MA/JU
 Sample : 03143-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU9

Quant Time: Jun 30 03:04:26 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)

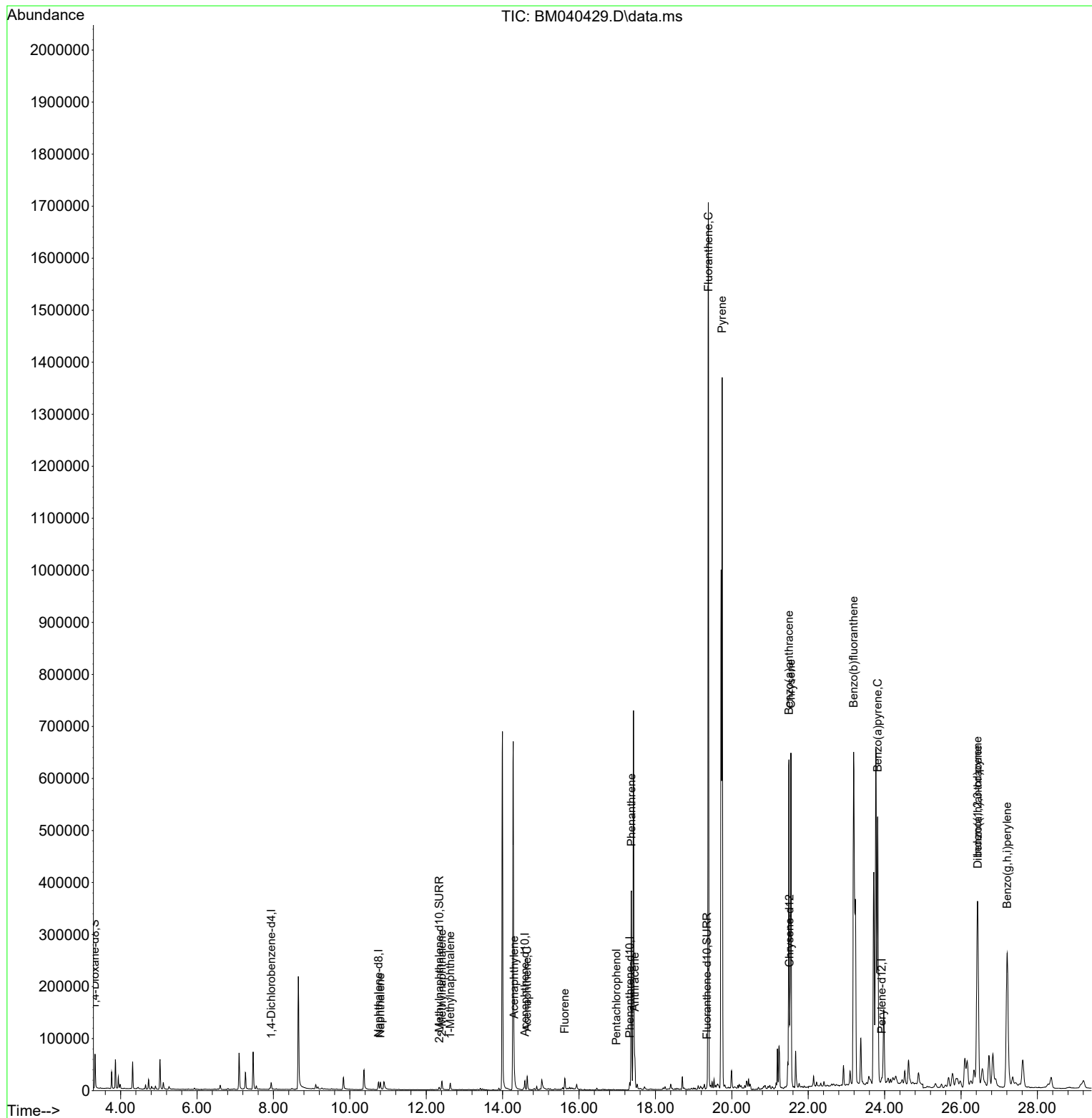
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	6615	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	22029	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	9649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	16780	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	10686	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	14680	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	37588	3.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	7083	0.229	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	9162	0.267	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	20013	0.329	ng/ul	98
7) 2-Methylnaphthalene	12.411	142	13317	0.373	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	9576	0.269	ng/ul	100
10) Acenaphthylene	14.304	152	29334	0.681	ng/ul	99
11) Acenaphthene	14.642	153	15577	0.428	ng/ul	99
12) Fluorene	15.627	166	14104	0.363	ng/ul#	98
14) Pentachlorophenol	16.982	266	94	0.029	ng/ul#	81
15) Phenanthrene	17.370	178	415063	7.963	ng/ul	98
16) Anthracene	17.459	178	53807	1.228	ng/ul	100
19) Fluoranthene	19.384	202	1371679	30.219	ng/ul	95
20) Pyrene	19.747	202	1083809	22.271	ng/ul	98
21) Benzo(a)anthracene	21.494	228	535932	14.827	ng/ul	99
22) Chrysene	21.547	228	635288	15.408	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	1136871	20.011	ng/ul	88
26) Benzo(a)pyrene	23.818	252	729386	14.253	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.430	276	637127	8.940	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.441	278	152231	2.728	ng/ul	96
29) Benzo(g,h,i)perylene	27.209	276	612883	9.811	ng/ul	94

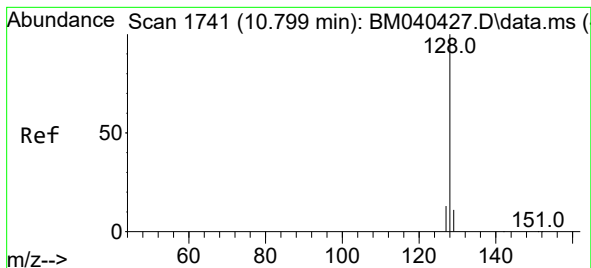
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.329 ng/ul

RT: 10.800 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

Instrument :

BNA_M

ClientSampleId :

DCFU9

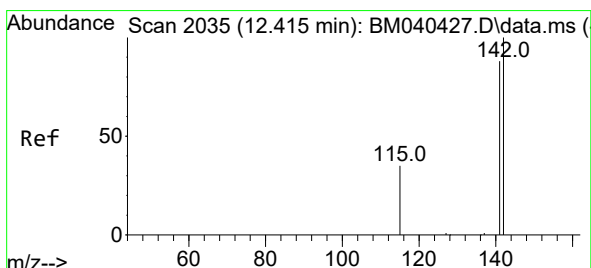
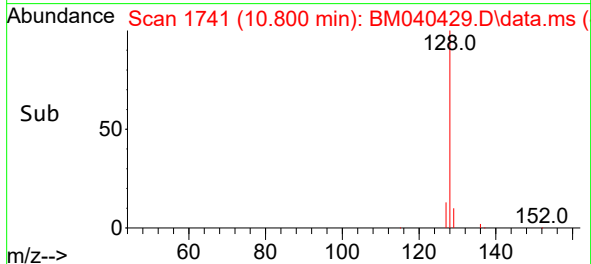
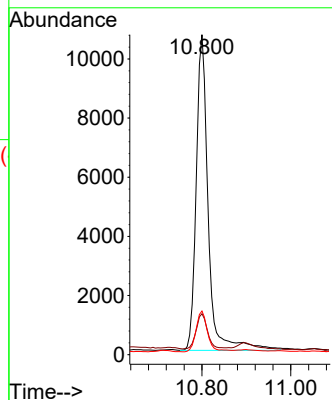
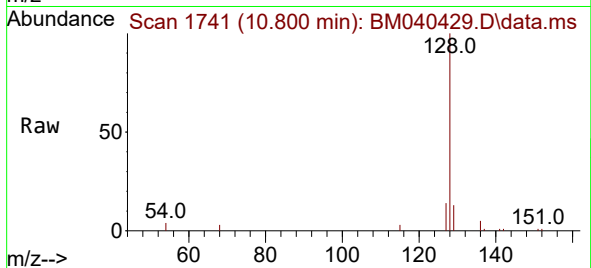
Tgt Ion:128 Resp: 20013

Ion Ratio Lower Upper

128 100

129 12.8 9.2 13.8

127 13.6 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.373 ng/ul

RT: 12.411 min Scan# 2034

Delta R.T. -0.011 min

Lab File: BM040429.D

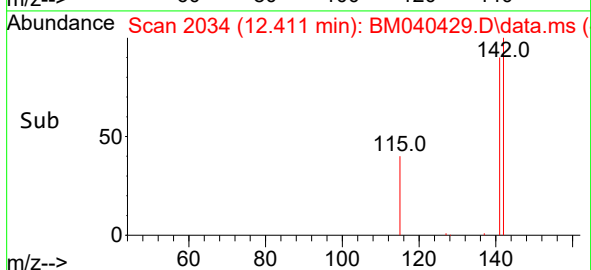
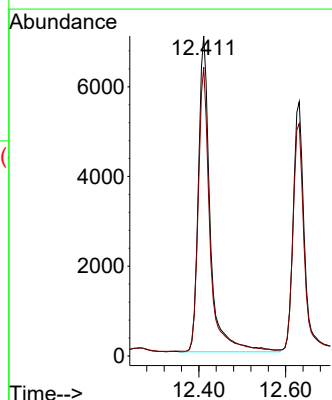
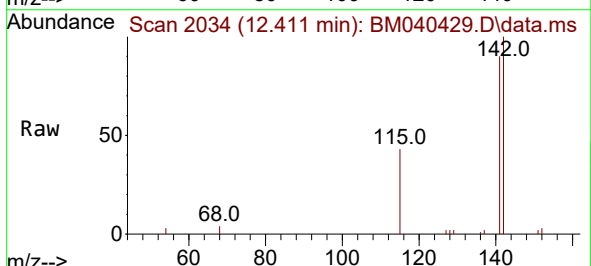
Acq: 29 Jun 2023 09:52

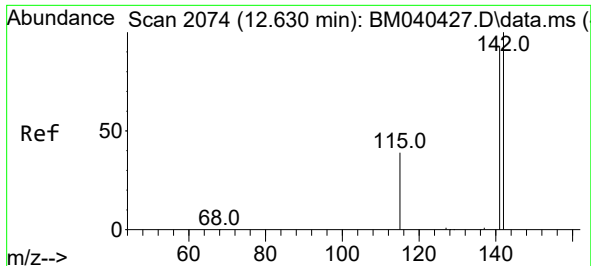
Tgt Ion:142 Resp: 13317

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

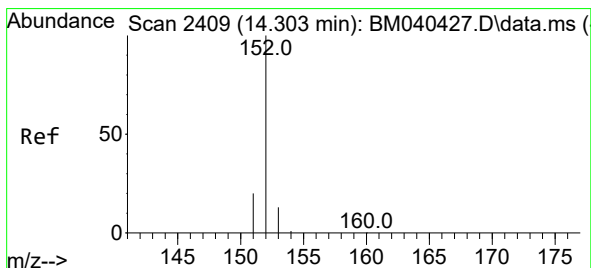
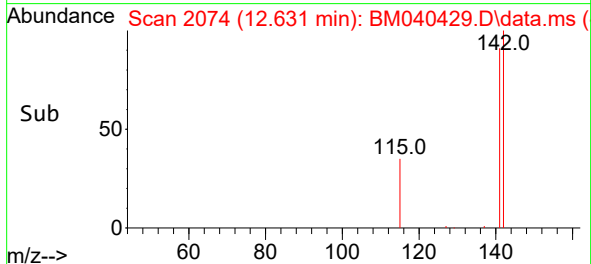
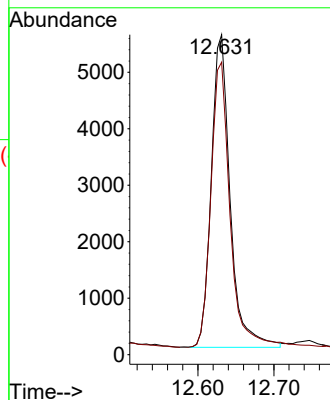
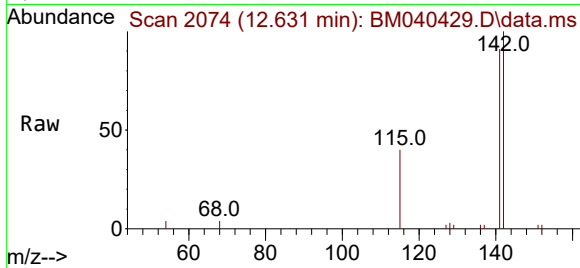




#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

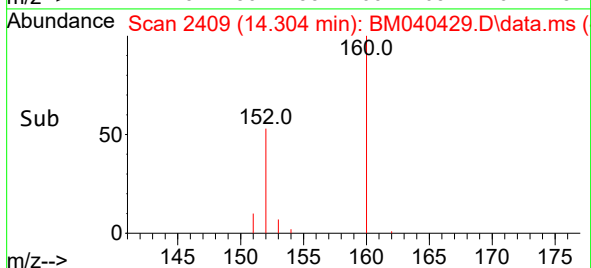
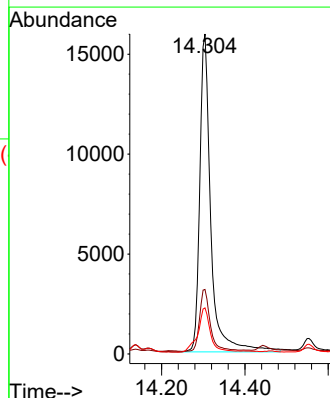
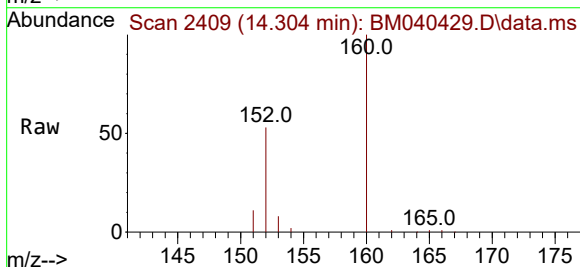
Instrument :
BNA_M
ClientSampleId :
DCFU9

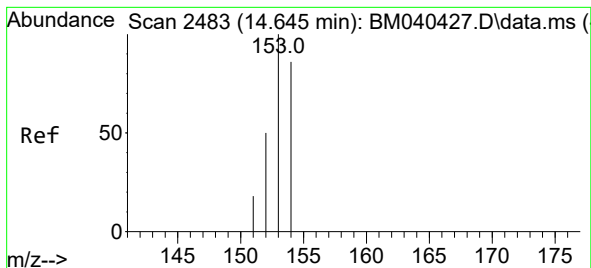
Tgt Ion:142 Resp: 9576
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5



#10
Acenaphthylene
Concen: 0.681 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

Tgt Ion:152 Resp: 29334
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.4 10.9 16.3





#11

Acenaphthene

Concen: 0.428 ng/ul

RT: 14.642 min Scan# 2483

Delta R.T. -0.014 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

Instrument :

BNA_M

ClientSampleId :

DCFU9

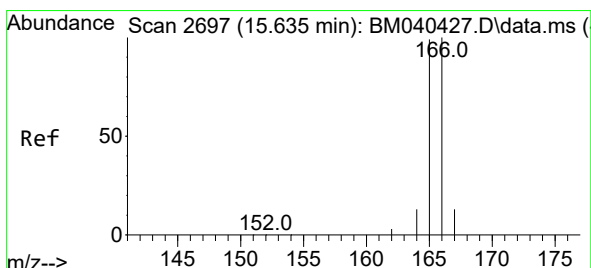
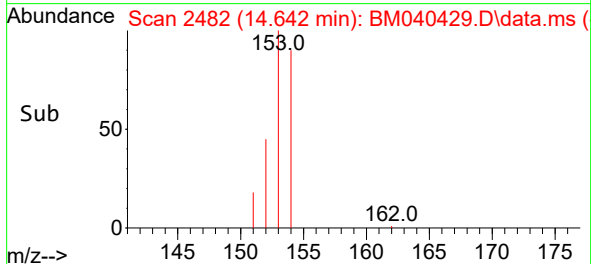
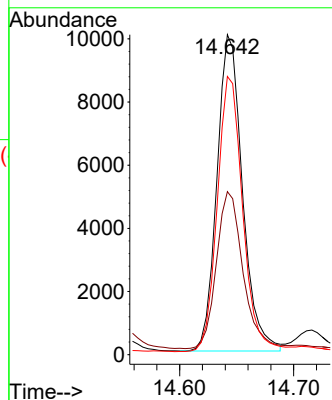
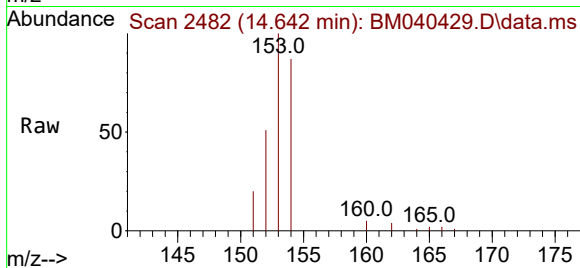
Tgt Ion:153 Resp: 15577

Ion Ratio Lower Upper

153 100

152 51.0 41.0 61.4

154 87.0 70.8 106.2



#12

Fluorene

Concen: 0.363 ng/ul

RT: 15.627 min Scan# 2695

Delta R.T. -0.014 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

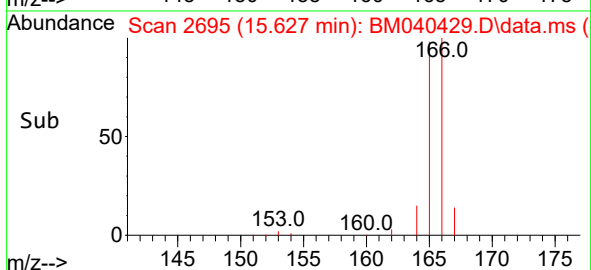
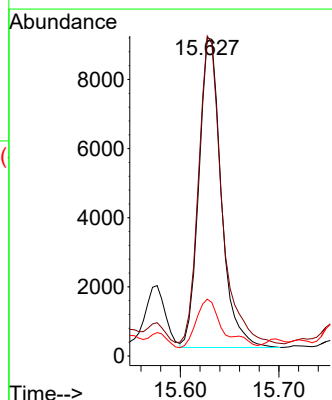
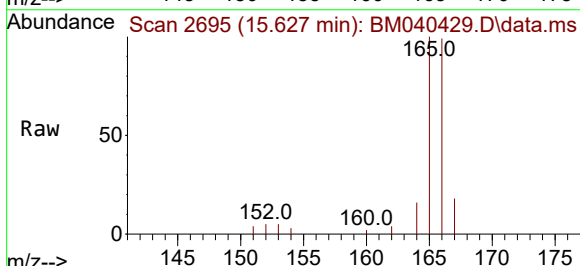
Tgt Ion:166 Resp: 14104

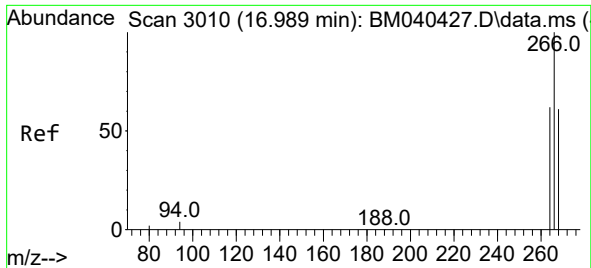
Ion Ratio Lower Upper

166 100

165 100.7 79.6 119.4

167 17.9 11.4 17.0#

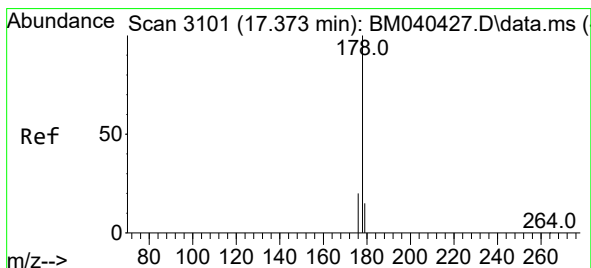
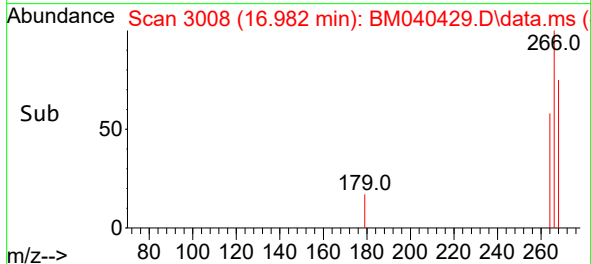
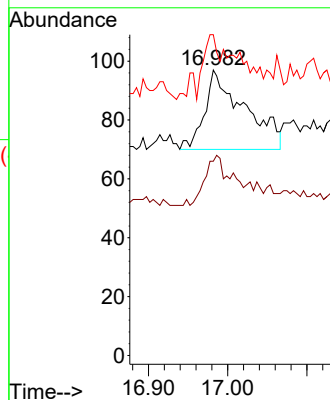
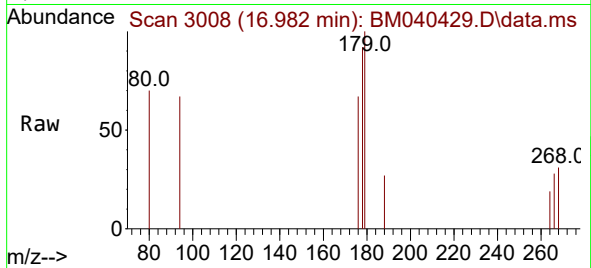




#14
 Pentachlorophenol
 Concen: 0.029 ng/ul
 RT: 16.982 min Scan# 3010
 Delta R.T. -0.030 min
 Lab File: BM040429.D
 Acq: 29 Jun 2023 09:52

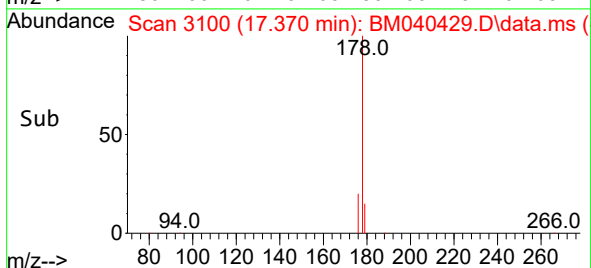
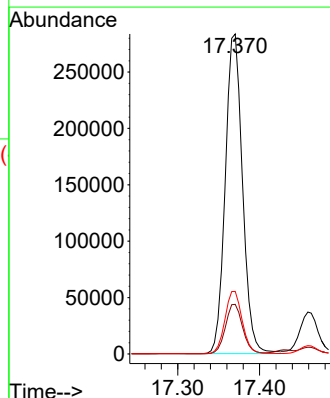
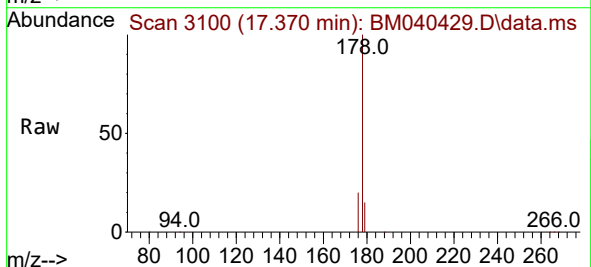
Instrument :
 BNA_M
 ClientSampleId :
 DCFU9

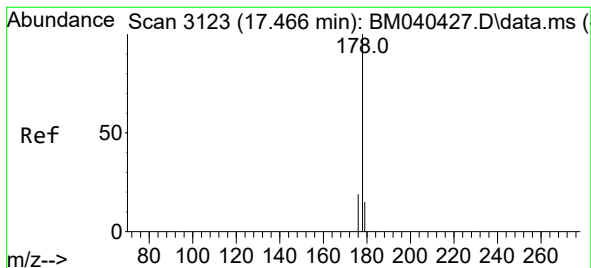
Tgt Ion:266 Resp: 94
 Ion Ratio Lower Upper
 266 100
 264 51.1 45.4 68.0
 268 80.9 47.2 70.8#



#15
 Phenanthrene
 Concen: 7.963 ng/ul
 RT: 17.370 min Scan# 3100
 Delta R.T. -0.008 min
 Lab File: BM040429.D
 Acq: 29 Jun 2023 09:52

Tgt Ion:178 Resp: 415063
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.8 19.2
 176 19.6 16.4 24.6





#16

Anthracene

Concen: 1.228 ng/ul

RT: 17.459 min Scan# 3121

Delta R.T. -0.013 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

Instrument :

BNA_M

ClientSampleId :

DCFU9

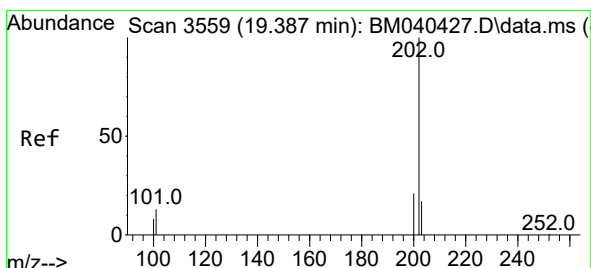
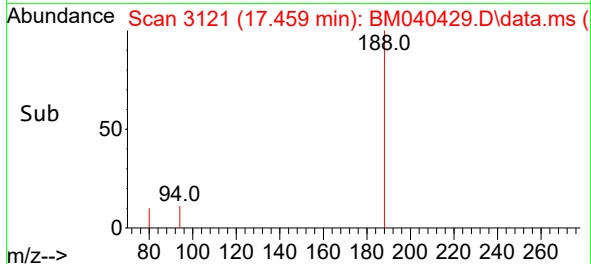
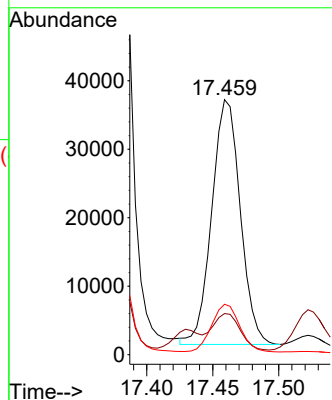
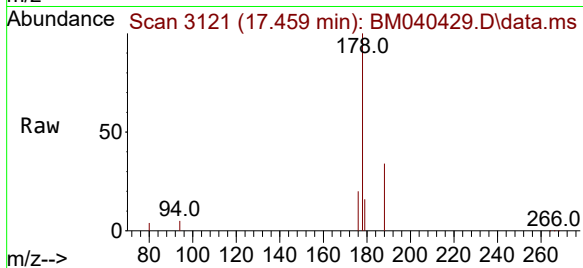
Tgt Ion:178 Resp: 53807

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 19.8 15.8 23.6



#19

Fluoranthene

Concen: 30.219 ng/ul

RT: 19.384 min Scan# 3558

Delta R.T. -0.005 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

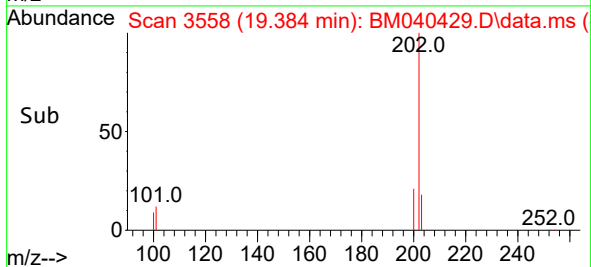
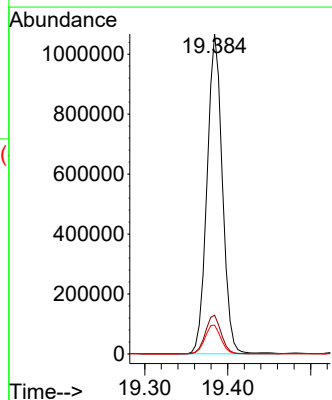
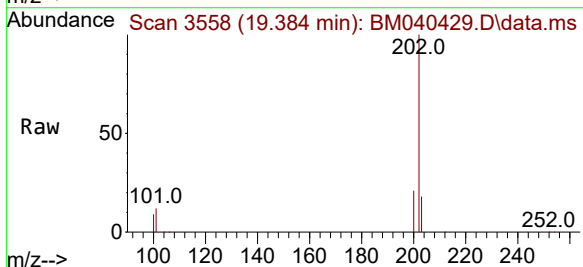
Tgt Ion:202 Resp: 1371679

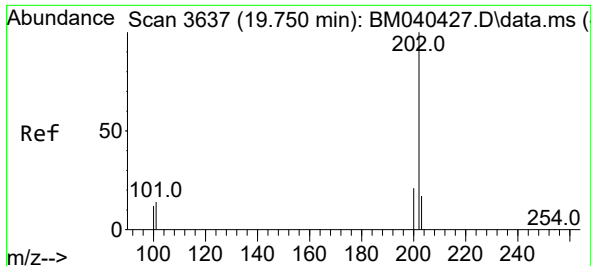
Ion Ratio Lower Upper

202 100

101 12.1 11.4 17.0

100 9.0 8.7 13.1

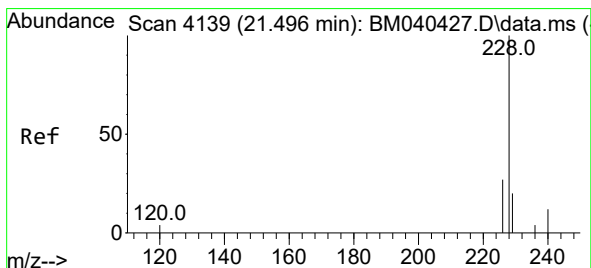
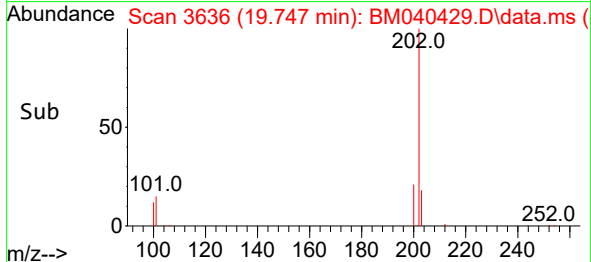
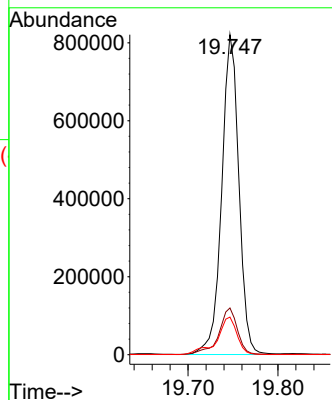
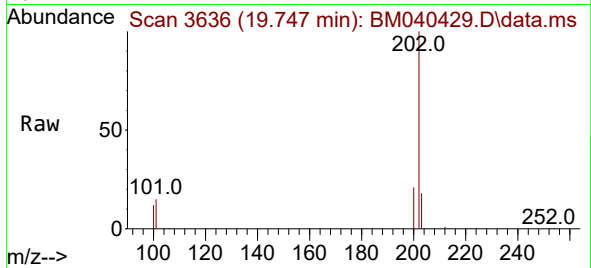




#20
Pyrene
Concen: 22.271 ng/ul
RT: 19.747 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

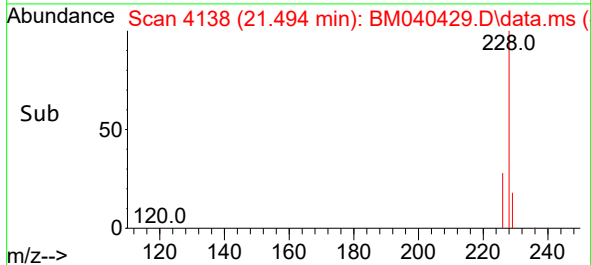
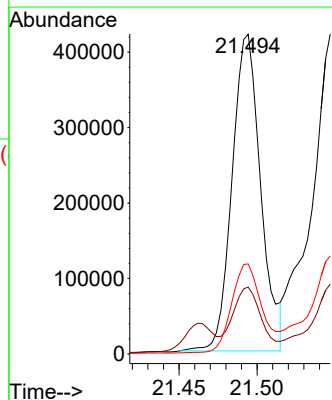
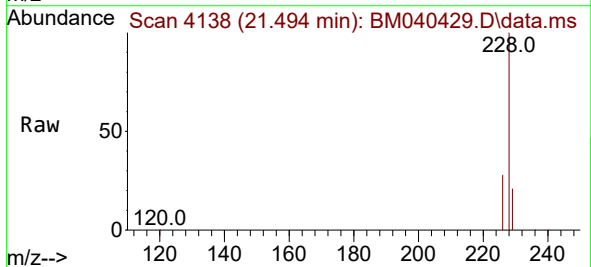
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BNA_M
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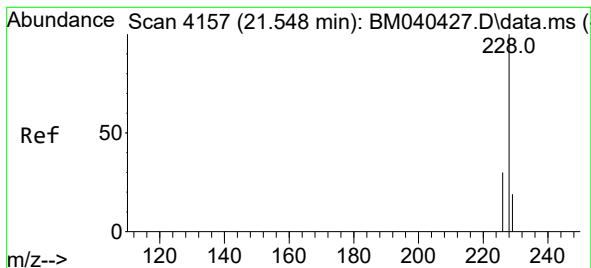
Tgt Ion:202 Resp: 1083809
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 14.827 ng/ul
RT: 21.494 min Scan# 4138
Delta R.T. -0.006 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

Tgt Ion:228 Resp: 535932
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.2 22.3 33.5





#22

Chrysene

Concen: 15.408 ng/ul

RT: 21.547 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

Instrument :

BNA_M

ClientSampleId :

DCFU9

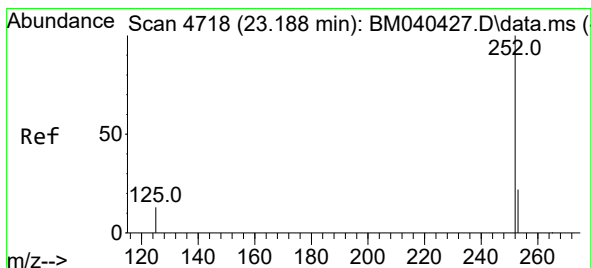
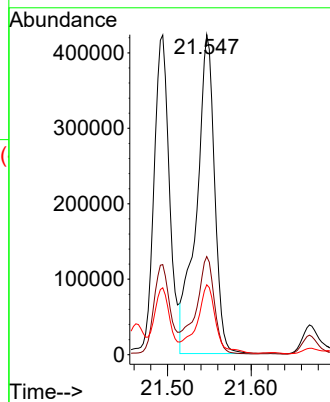
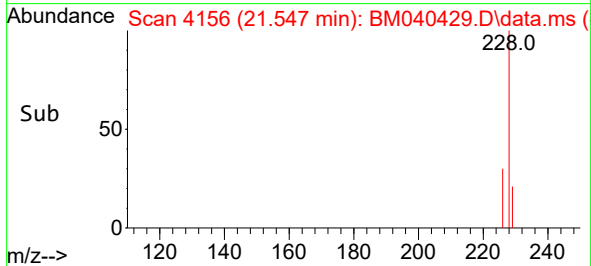
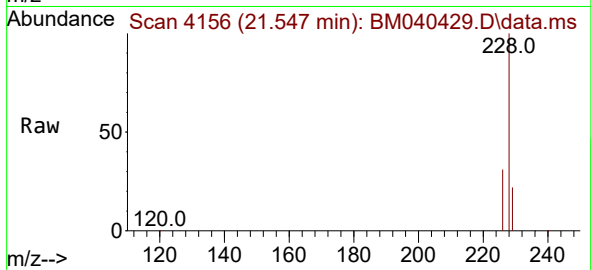
Tgt Ion:228 Resp: 635288

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

229 21.8 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 20.011 ng/ul

RT: 23.189 min Scan# 4718

Delta R.T. -0.003 min

Lab File: BM040429.D

Acq: 29 Jun 2023 09:52

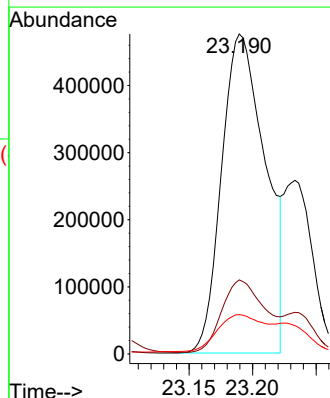
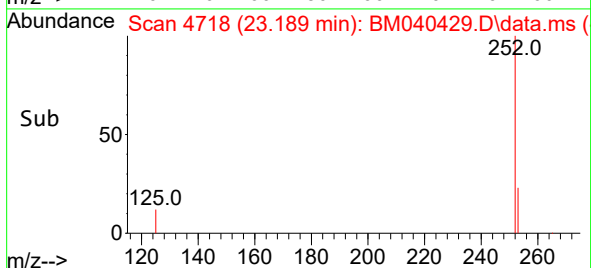
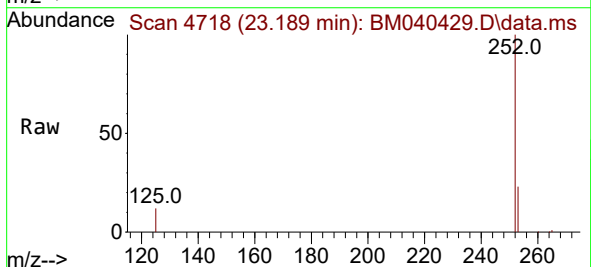
Tgt Ion:252 Resp: 1136871

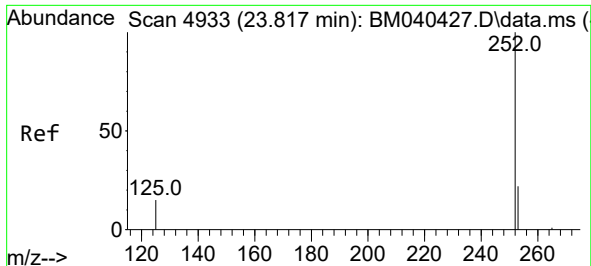
Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.8

125 12.3 0.0 43.0

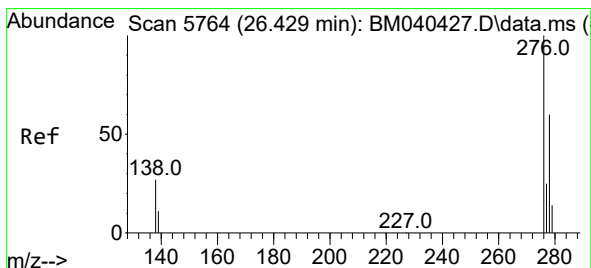
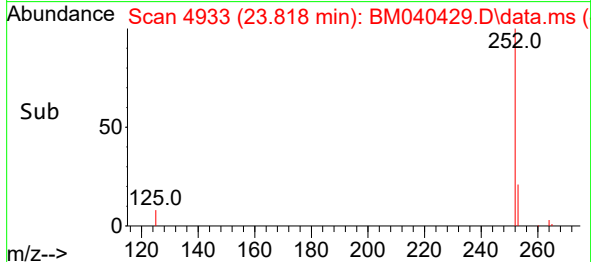
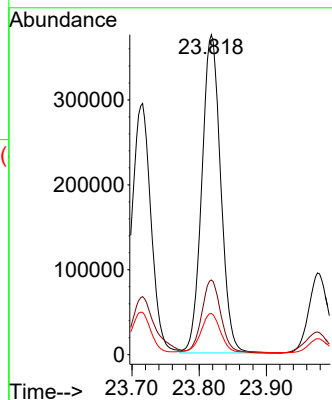
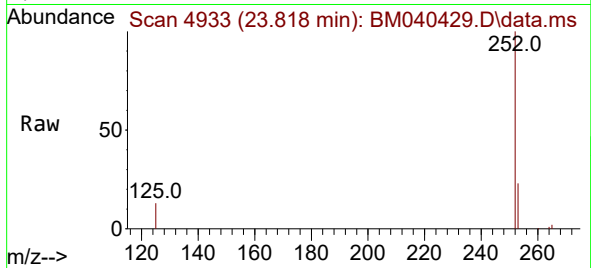




#26
Benzo(a)pyrene
Concen: 14.253 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

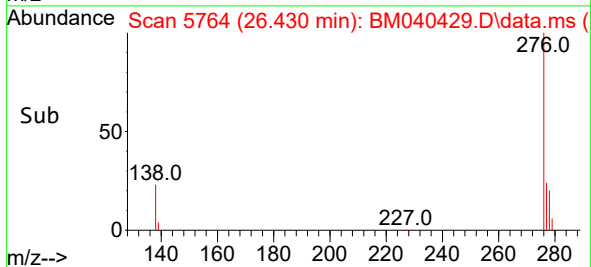
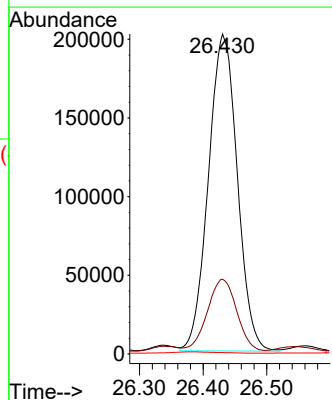
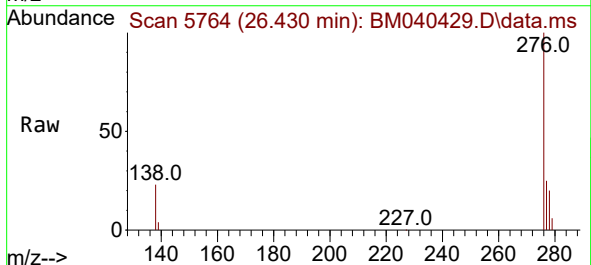
Instrument :
BNA_M
ClientSampleId :
DCFU9

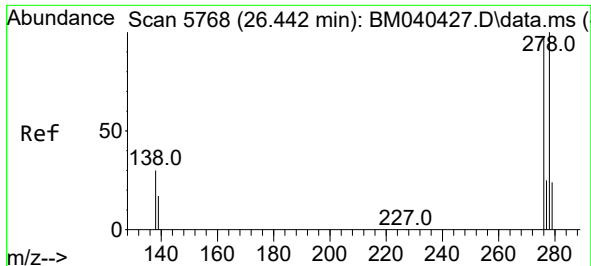
Tgt Ion:252 Resp: 729386
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 12.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.940 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

Tgt Ion:276 Resp: 637127
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#

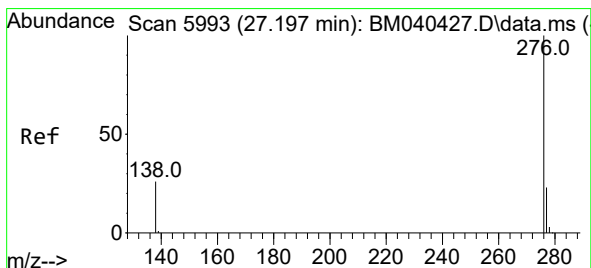
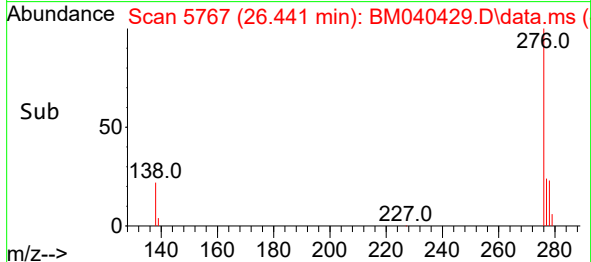
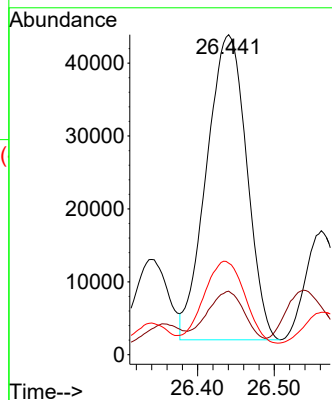
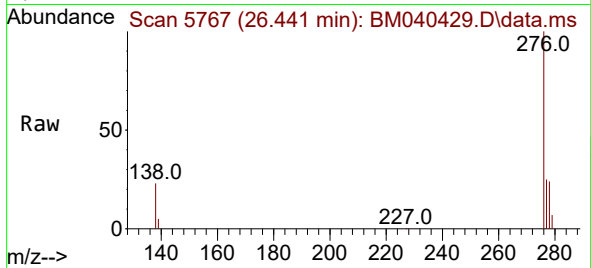




#28
Dibenzo(a,h)anthracene
Concen: 2.728 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

Instrument :
BNA_M
ClientSampleId :
DCFU9

Tgt Ion:278 Resp: 152231
Ion Ratio Lower Upper
278 100
139 19.9 17.9 26.9
279 28.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 9.811 ng/ul
RT: 27.209 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040429.D
Acq: 29 Jun 2023 09:52

Tgt Ion:276 Resp: 612883
Ion Ratio Lower Upper
276 100
138 23.9 23.0 34.6
277 24.1 20.3 30.5

