

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046441.D
 Acq On : 08 Jul 2024 18:14
 Operator : MA/JU
 Sample : P3010-10DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW6DL

Quant Time: Jul 09 00:58:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

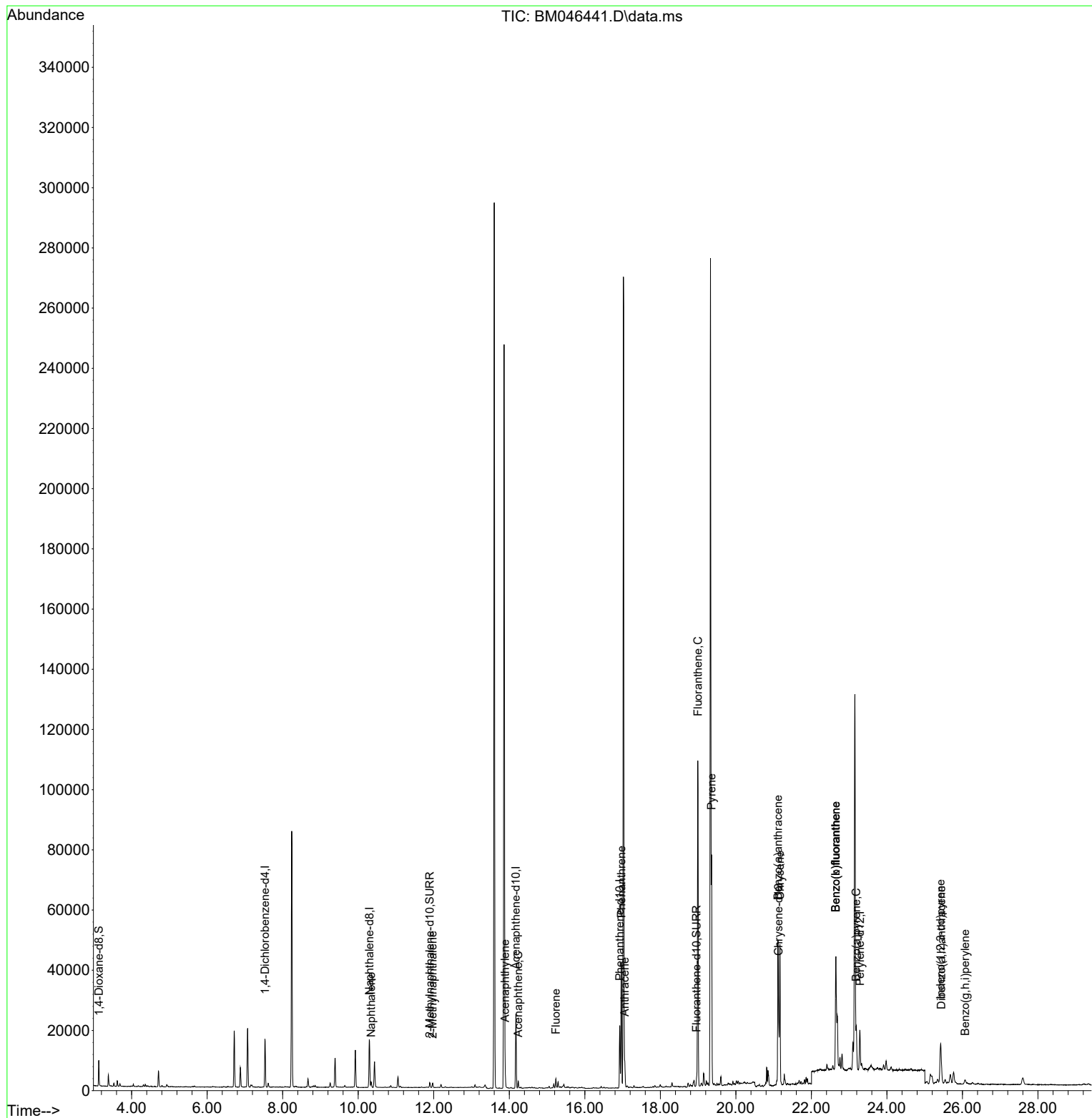
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	7766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	21697	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.174	164	13185	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	24995	0.400	ng/ul	-0.01
17) Chrysene-d12	21.128	240	14985	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	14886	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4783	0.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	2000	0.062	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	3392	0.065	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	2320	0.040	ng/ul#	89
7) 2-Methylnaphthalene	11.970	142	1051	0.027	ng/ul	96
10) Acenaphthylene	13.892	152	5721	0.085	ng/ul	96
11) Acenaphthene	14.238	153	1344	0.031	ng/ul	95
12) Fluorene	15.233	166	2010	0.039	ng/ul#	97
15) Phenanthrene	16.968	178	43267	0.578	ng/ul	99
16) Anthracene	17.057	178	8425	0.116	ng/ul	97
19) Fluoranthene	18.993	202	96580	1.275	ng/ul	96
20) Pyrene	19.355	202	67242	0.863	ng/ul#	94
21) Benzo(a)anthracene	21.114	228	35907	0.536	ng/ul	94
22) Chrysene	21.166	228	45302	0.681	ng/ul	97
24) Benzo(b)fluoranthene	22.648	252	78633	1.242	ng/ul	97
25) Benzo(k)fluoranthene	22.648	252	78633	1.231	ng/ul	97
26) Benzo(a)pyrene	23.189	252	19158	0.383	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.420	276	20531	0.304	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.437	278	6776	0.130	ng/ul#	69
29) Benzo(g,h,i)perylene	26.071	276	3370	0.063	ng/ul#	60

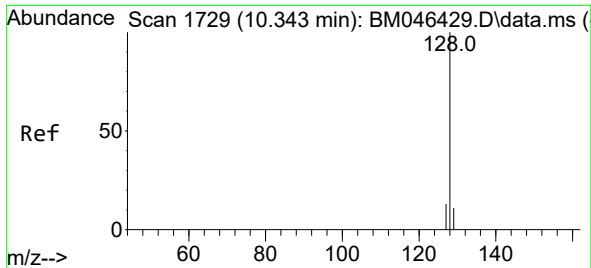
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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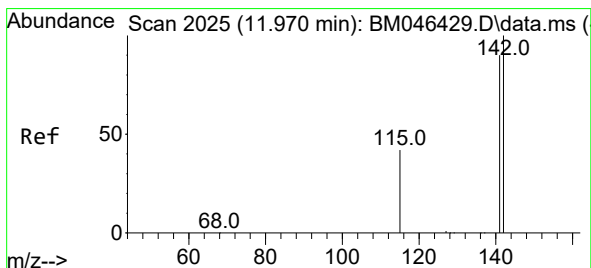
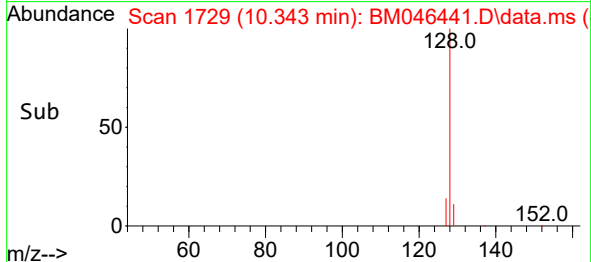
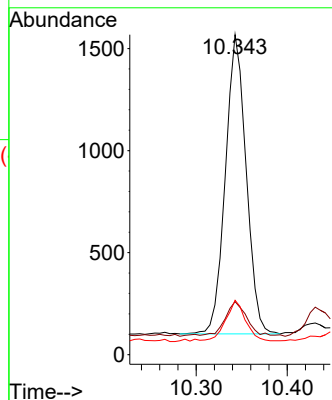
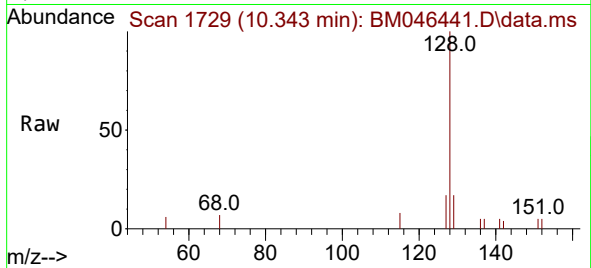




#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.009 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

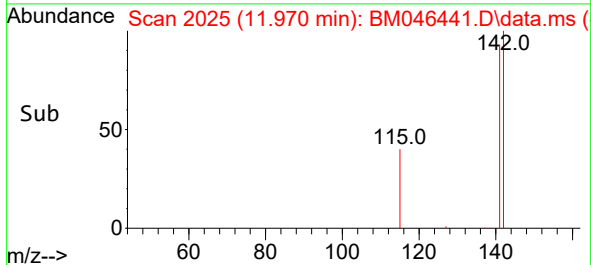
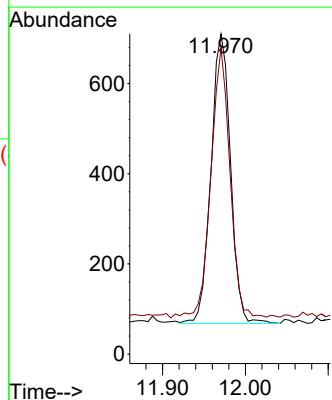
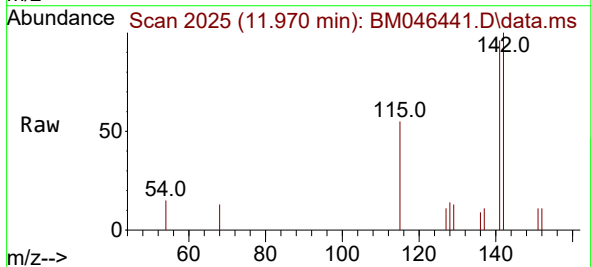
Instrument :
BNA_M
ClientSampleId :
A4CW6DL

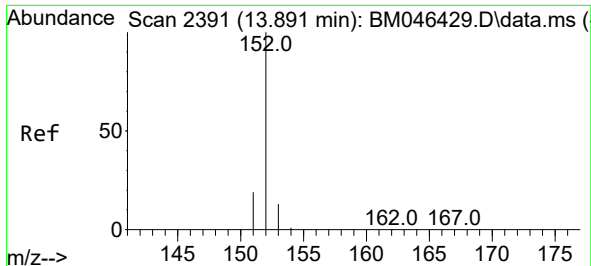
Tgt Ion:128 Resp: 2320
Ion Ratio Lower Upper
128 100
129 16.6 9.4 14.0#
127 17.0 10.8 16.2#



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.009 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
141 91.2 69.8 104.6

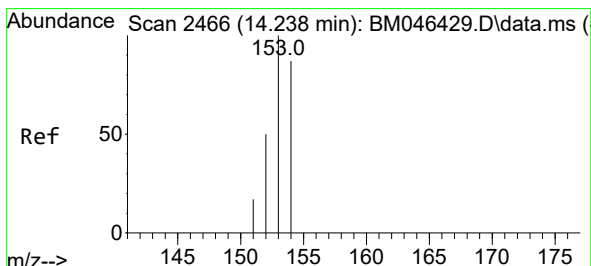
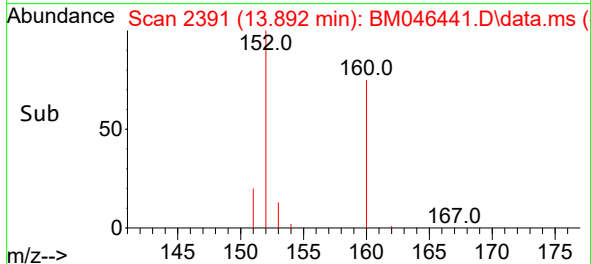
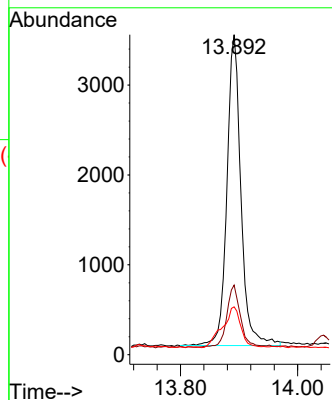
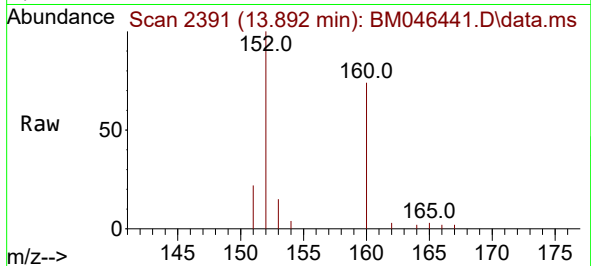




#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.892 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

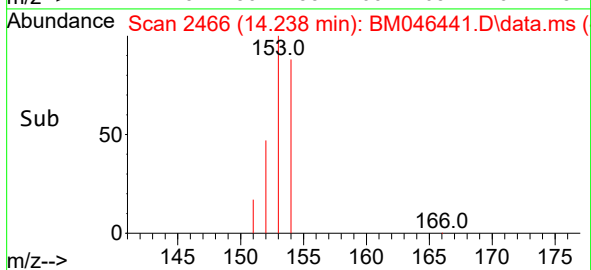
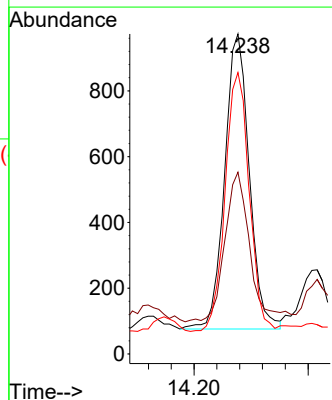
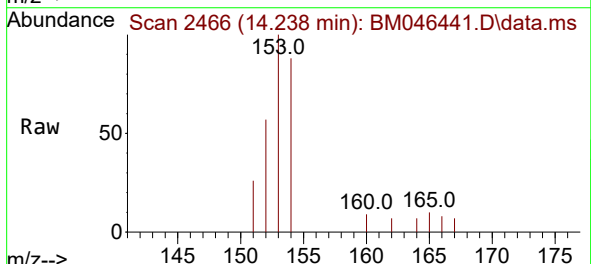
Instrument :
BNA_M
ClientSampleId :
A4CW6DL

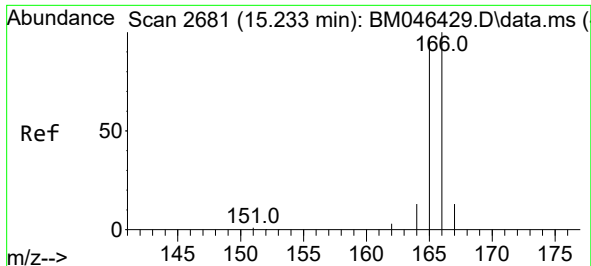
Tgt Ion:152 Resp: 5721
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 14.9 11.0 16.6



#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion:153 Resp: 1344
Ion Ratio Lower Upper
153 100
152 56.8 40.4 60.6
154 88.0 72.1 108.1

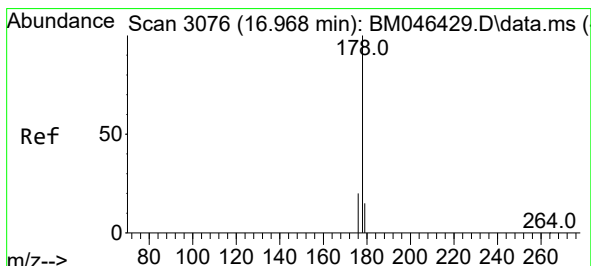
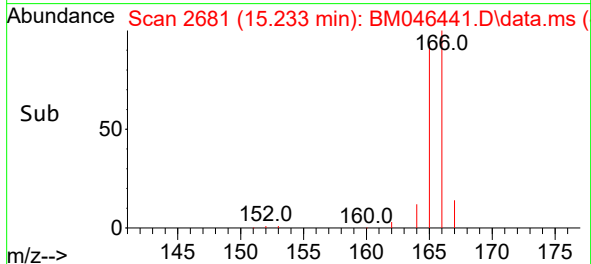
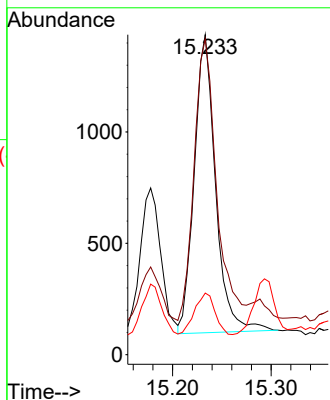
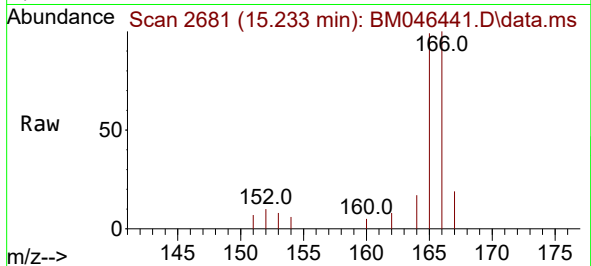




#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.233 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

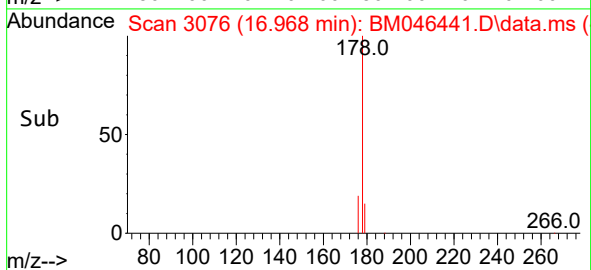
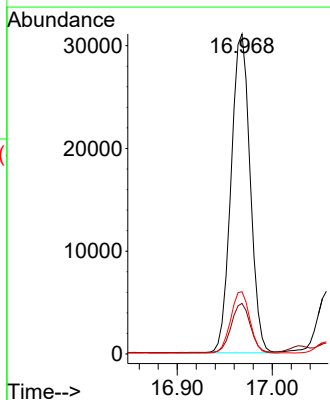
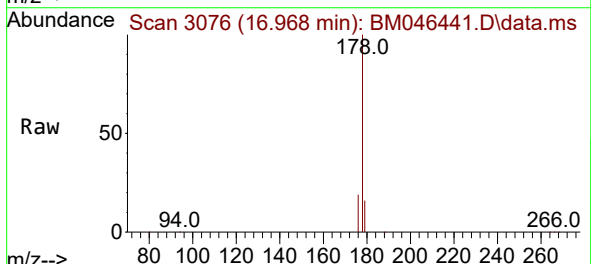
Instrument :
BNA_M
ClientSampleId :
A4CW6DL

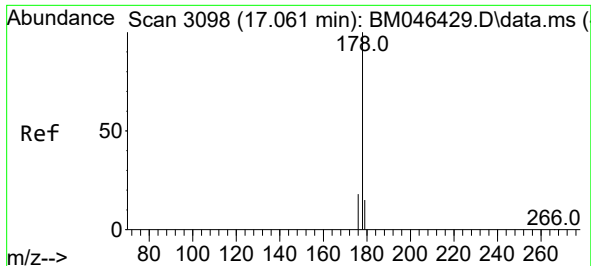
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.0	117.0
167	19.3	11.4	17.0



#15
Phenanthrene
Concen: 0.578 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.4	16.0	24.0

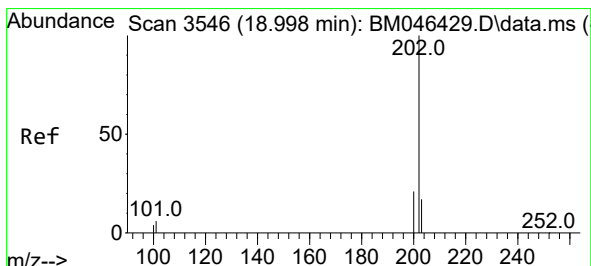
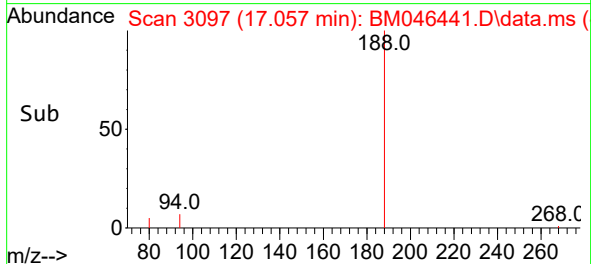
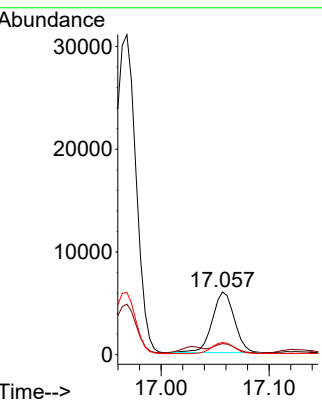
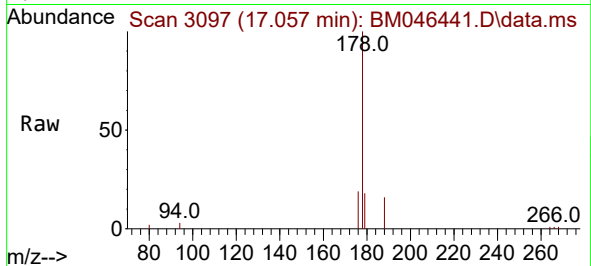




#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.057 min Scan# 3098
Delta R.T. -0.011 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

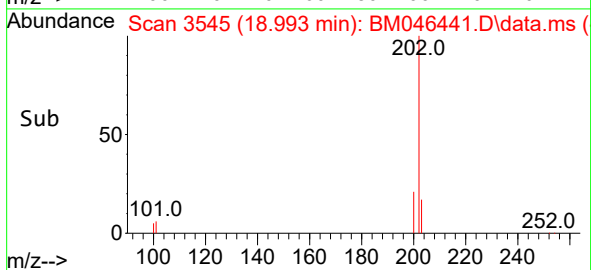
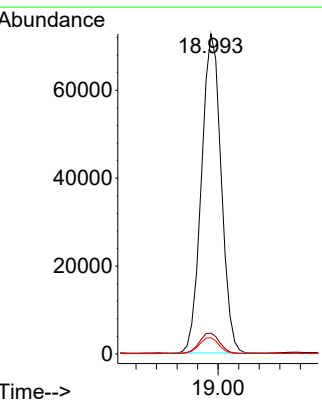
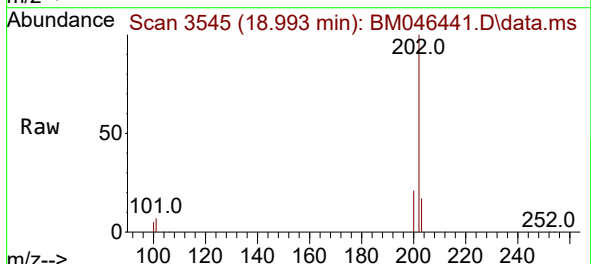
Instrument :
BNA_M
ClientSampleId :
A4CW6DL

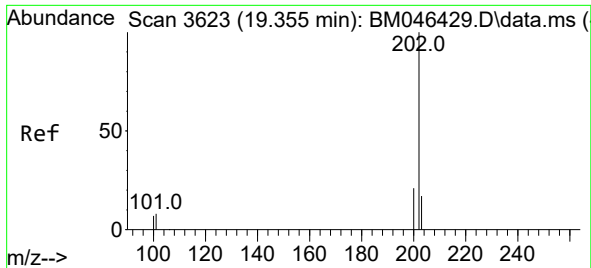
Tgt Ion:178 Resp: 8425
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 19.4 14.9 22.3



#19
Fluoranthene
Concen: 1.275 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion:202 Resp: 96580
Ion Ratio Lower Upper
202 100
101 6.5 6.3 9.5
100 5.1 5.0 7.6

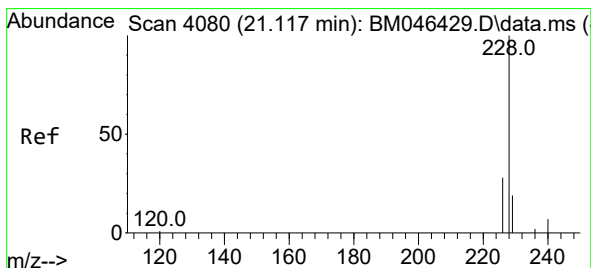
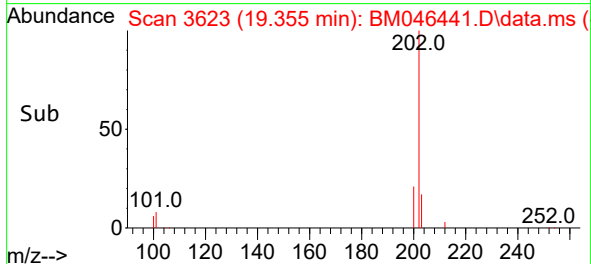
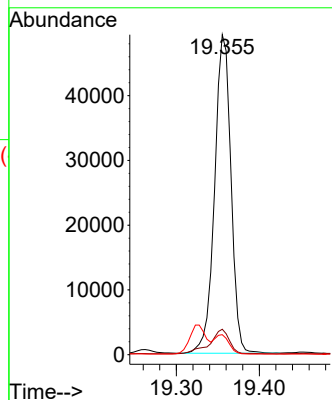
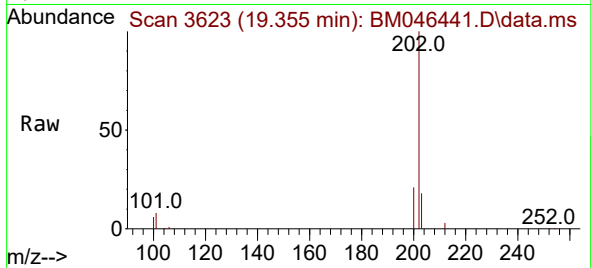




#20
Pyrene
Concen: 0.863 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

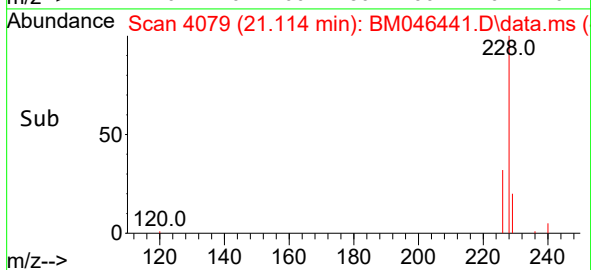
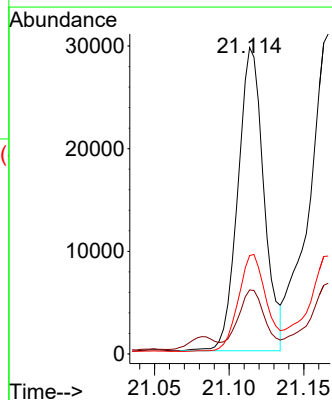
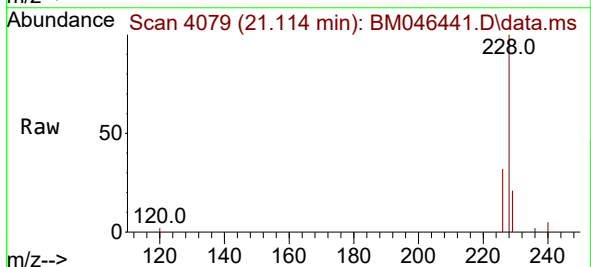
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ClientSampleId :
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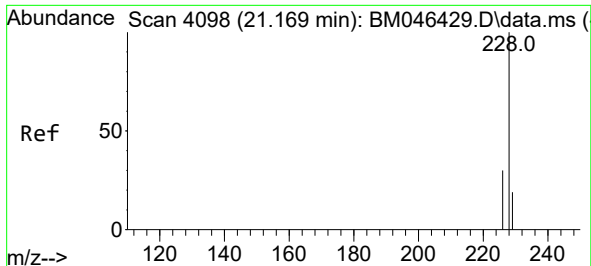
Tgt Ion:202 Resp: 67242
Ion Ratio Lower Upper
202 100
101 8.0 8.2 12.4#
100 6.3 6.9 10.3#



#21
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion:228 Resp: 35907
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 32.1 22.0 33.0





#22

Chrysene

Concen: 0.681 ng/ul

RT: 21.166 min Scan# 4097

Delta R.T. -0.012 min

Lab File: BM046441.D

Acq: 08 Jul 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4CW6DL

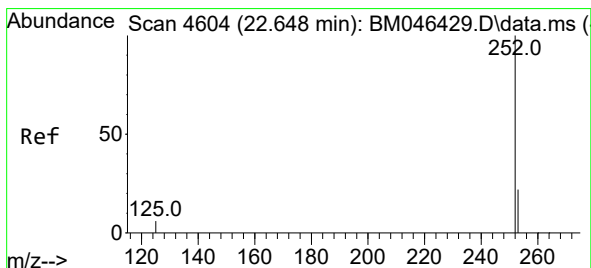
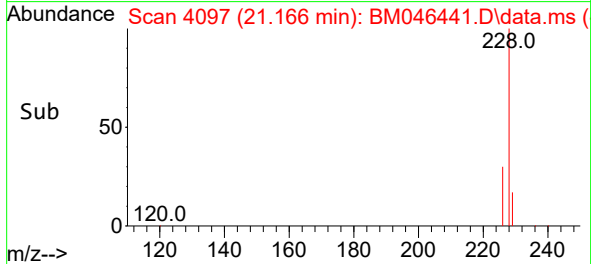
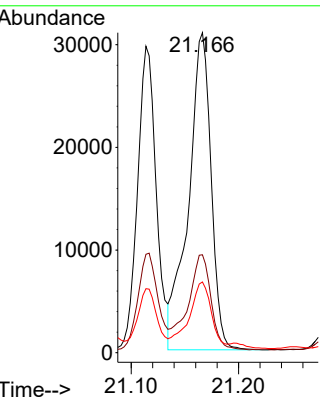
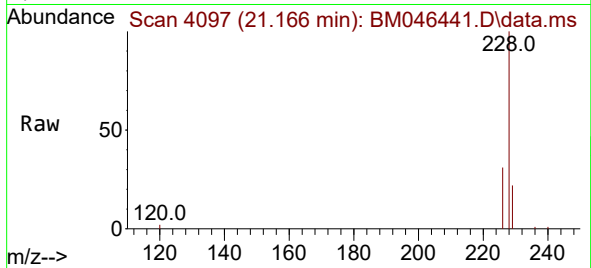
Tgt Ion:228 Resp: 45302

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 22.1 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.242 ng/ul

RT: 22.648 min Scan# 4604

Delta R.T. -0.015 min

Lab File: BM046441.D

Acq: 08 Jul 2024 18:14

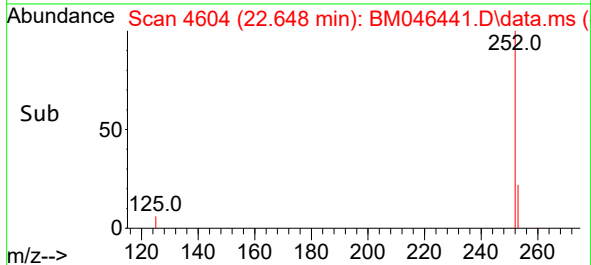
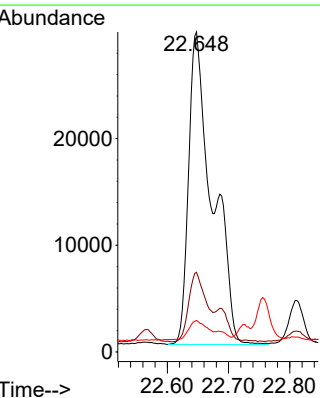
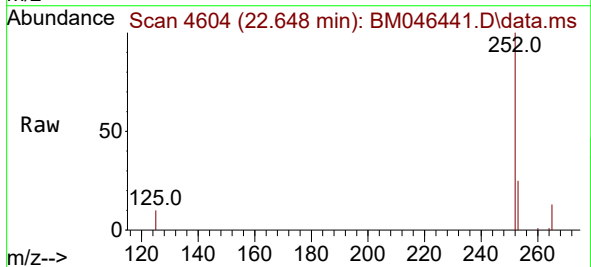
Tgt Ion:252 Resp: 78633

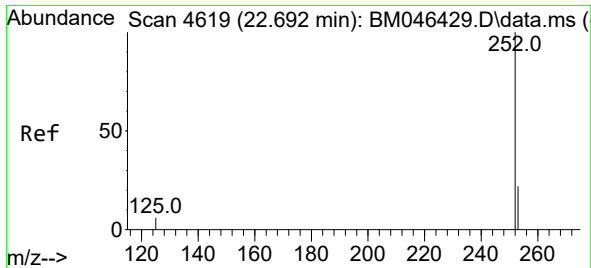
Ion Ratio Lower Upper

252 100

253 24.9 0.0 47.0

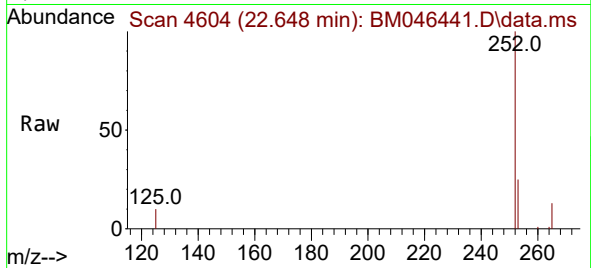
125 9.9 0.0 18.4



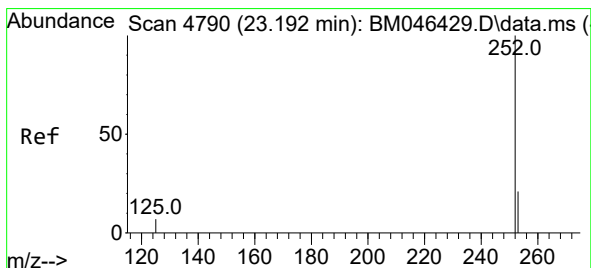
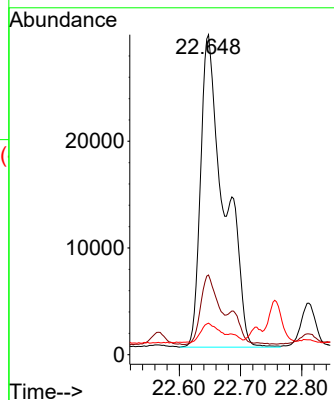


#25
Benzo(k)fluoranthene
Concen: 1.231 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.059 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4CW6DL

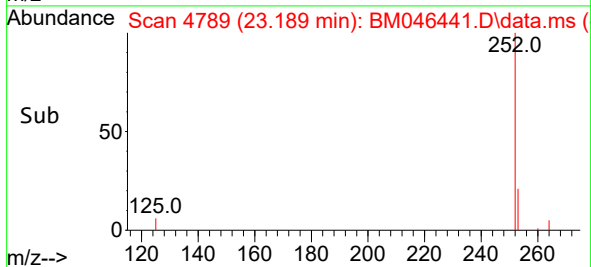
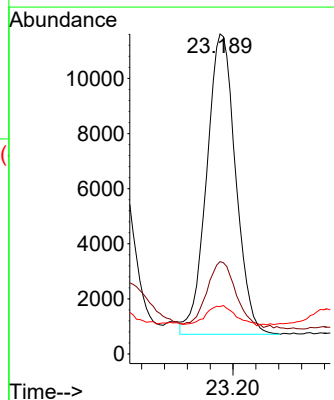
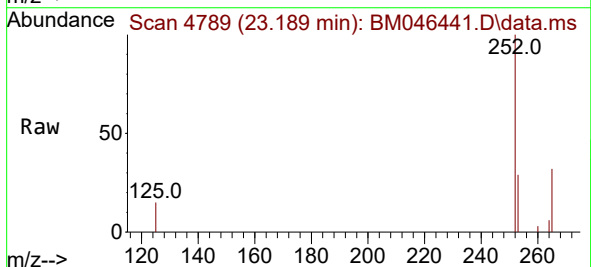


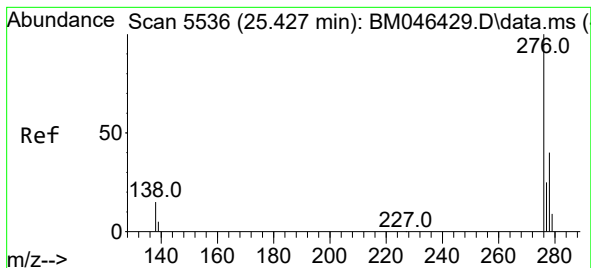
Tgt Ion:252 Resp: 78633
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 9.9 7.5 11.3



#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.189 min Scan# 4789
Delta R.T. -0.021 min
Lab File: BM046441.D
Acq: 08 Jul 2024 18:14

Tgt Ion:252 Resp: 19158
Ion Ratio Lower Upper
252 100
253 28.9 18.9 28.3#
125 14.8 8.1 12.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.304 ng/ul

RT: 25.420 min Scan# 5

Delta R.T. -0.027 min

Lab File: BM046441.D

Acq: 08 Jul 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4CW6DL

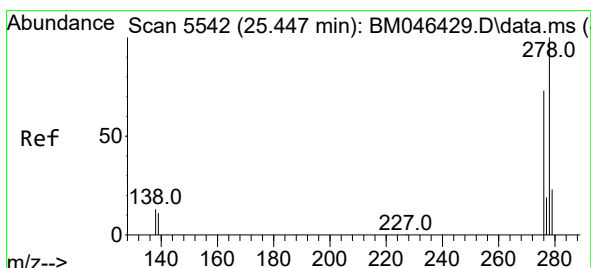
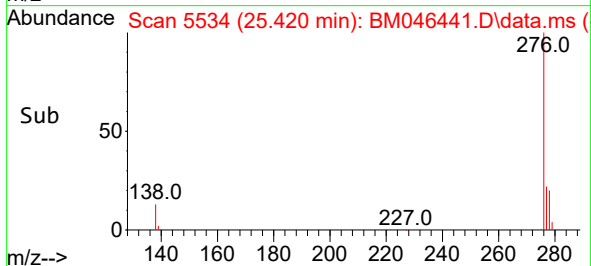
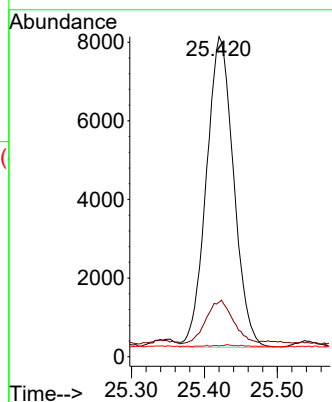
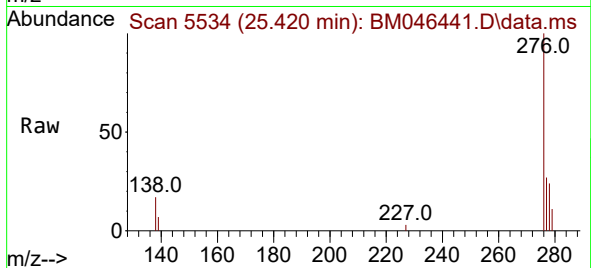
Tgt Ion:276 Resp: 20531

Ion Ratio Lower Upper

276 100

138 13.8 15.7 23.5#

227 0.6 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.130 ng/ul

RT: 25.437 min Scan# 5539

Delta R.T. -0.037 min

Lab File: BM046441.D

Acq: 08 Jul 2024 18:14

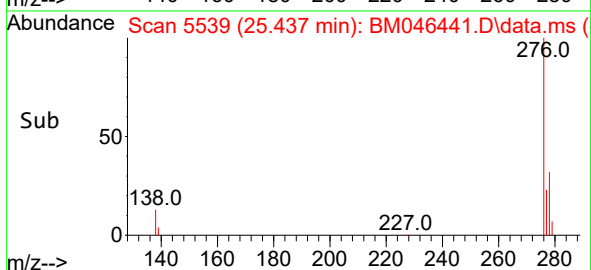
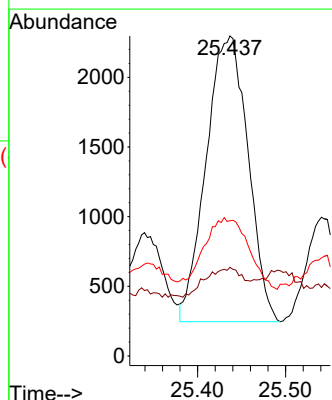
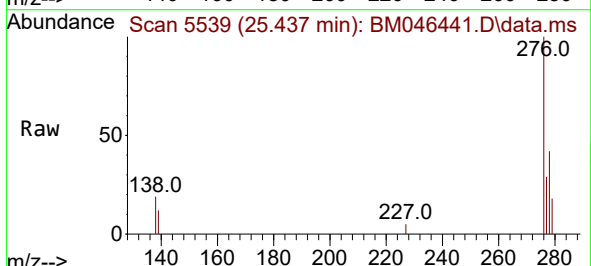
Tgt Ion:278 Resp: 6776

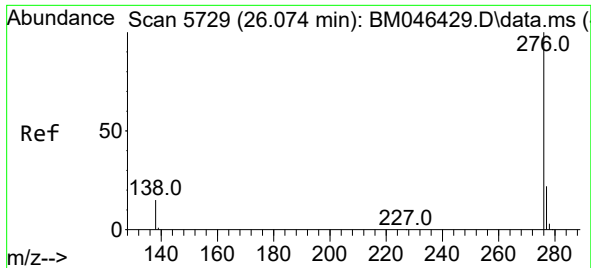
Ion Ratio Lower Upper

278 100

139 27.7 12.6 18.8#

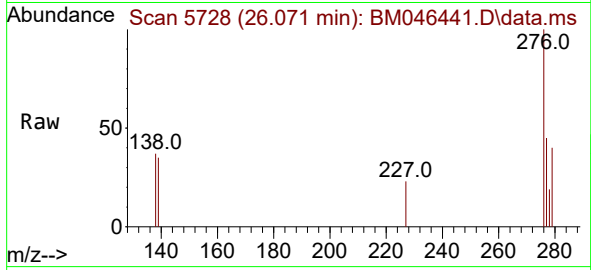
279 42.3 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.063 ng/ul
 RT: 26.071 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM046441.D
 Acq: 08 Jul 2024 18:14

Instrument :
 BNA_M
 ClientSampleId :
 A4CW6DL



Tgt Ion:276 Resp: 3370
 Ion Ratio Lower Upper
 276 100
 138 36.8 15.4 23.0#
 277 45.3 19.7 29.5#

