

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042131.D
 Acq On : 29 Sep 2023 01:03
 Operator : MA/JU
 Sample : 04417-34DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYN3DL

Quant Time: Sep 29 04:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

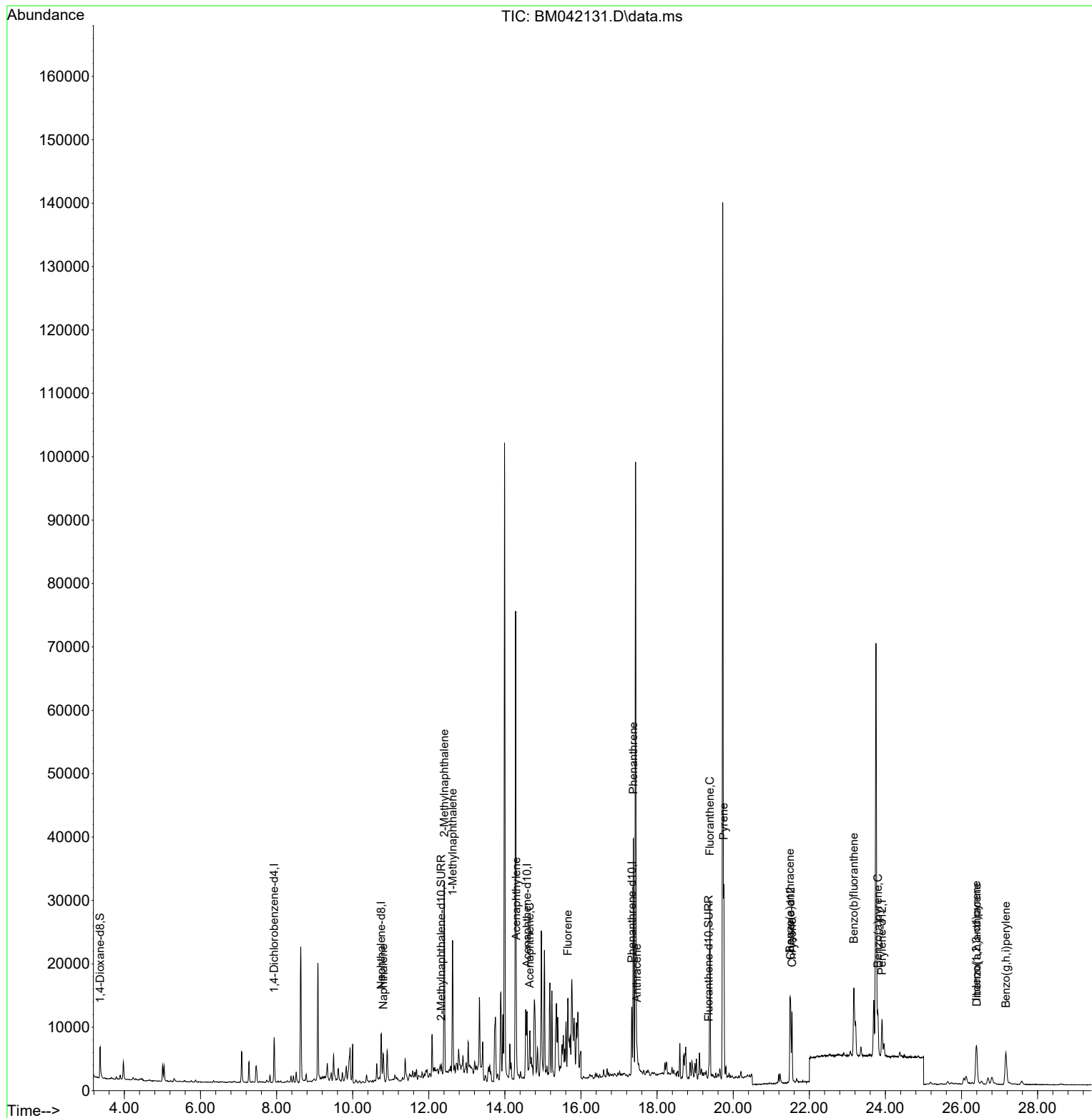
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	9437	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5628	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11863	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.509	240	7778	0.400	ng/ul	# 0.00
23) Perylene-d12	23.909	264	7870	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3333	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	822	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	1645	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	5431	0.172	ng/ul	95
7) 2-Methylnaphthalene	12.407	142	21460	1.139	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	13208	0.690	ng/ul	98
10) Acenaphthylene	14.300	152	2555	0.068	ng/ul#	10
11) Acenaphthene	14.652	153	2880	0.100	ng/ul#	57
12) Fluorene	15.651	166	1233	0.038	ng/ul#	1
15) Phenanthrene	17.379	178	40667	0.739	ng/ul	99
16) Anthracene	17.472	178	2898	0.061	ng/ul#	62
19) Fluoranthene	19.389	202	22871	0.260	ng/ul	99
20) Pyrene	19.752	202	22964	0.266	ng/ul	98
21) Benzo(a)anthracene	21.492	228	10199	0.173	ng/ul	97
22) Chrysene	21.545	228	11842	0.194	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	18908	0.312	ng/ul	94
26) Benzo(a)pyrene	23.801	252	8953	0.180	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.391	276	11117	0.163	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.404	278	2529	0.051	ng/ul#	58
29) Benzo(g,h,i)perylene	27.165	276	10859	0.189	ng/ul	97

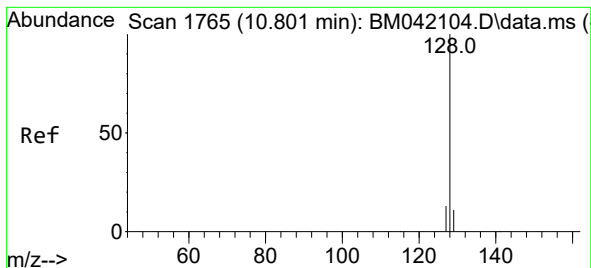
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.172 ng/ul

RT: 10.801 min Scan# 1765

Delta R.T. -0.000 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

ClientSampleId :

EZYN3DL

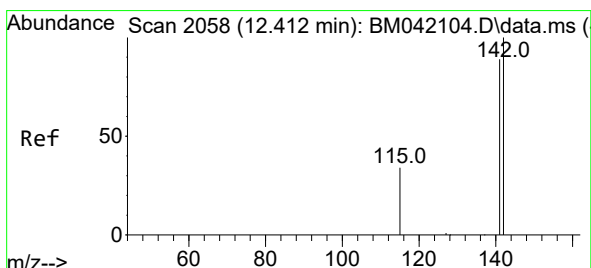
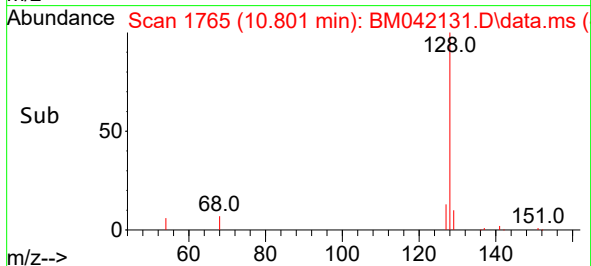
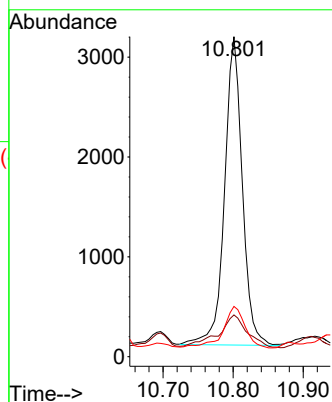
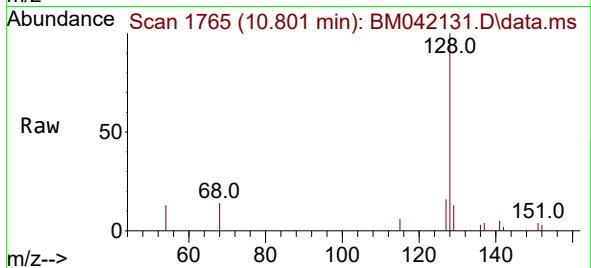
Tgt Ion:128 Resp: 5431

Ion Ratio Lower Upper

128 100

129 13.1 9.2 13.8

127 15.7 10.8 16.2



#7

2-Methylnaphthalene

Concen: 1.139 ng/ul

RT: 12.407 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BM042131.D

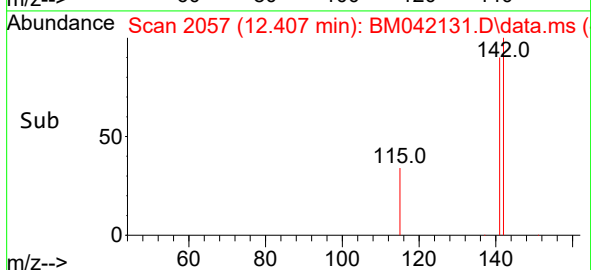
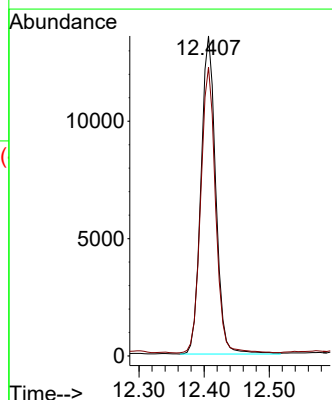
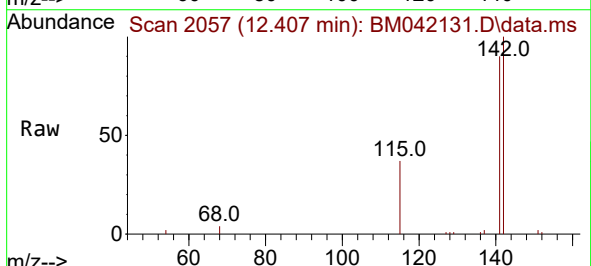
Acq: 29 Sep 2023 01:03

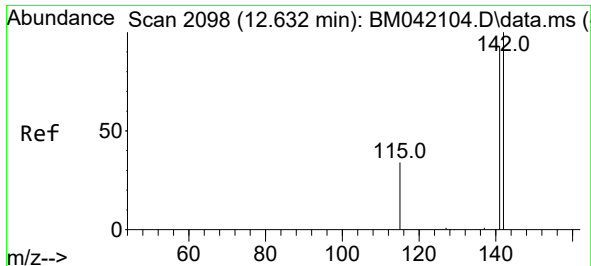
Tgt Ion:142 Resp: 21460

Ion Ratio Lower Upper

142 100

141 89.8 72.1 108.1

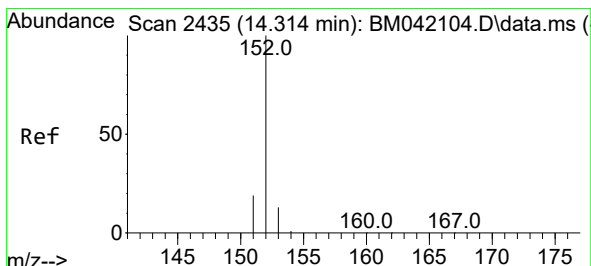
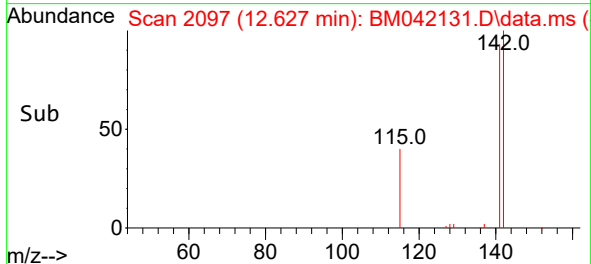
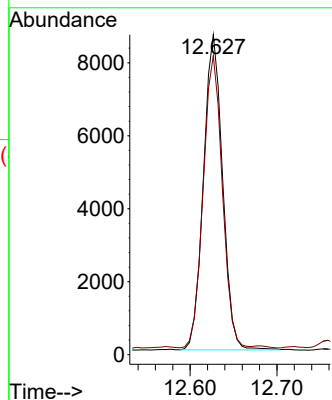
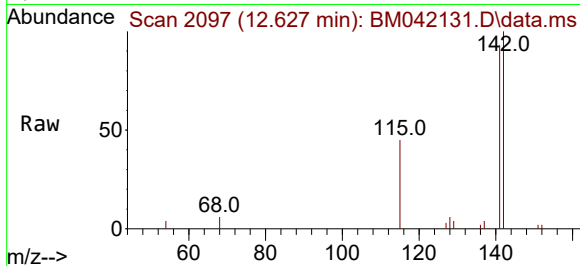




#8
1-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

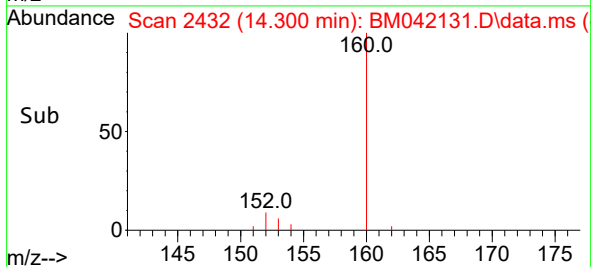
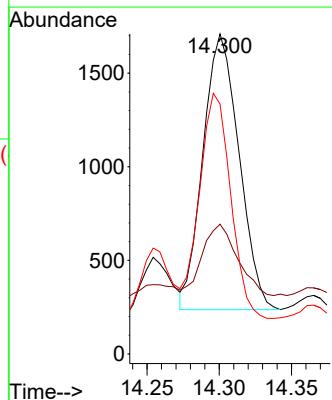
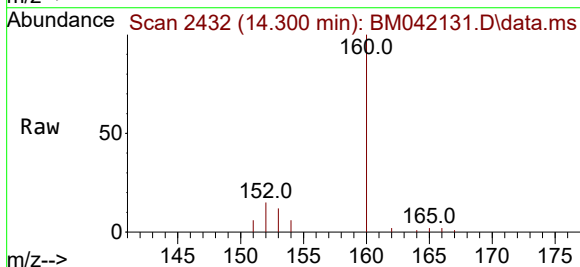
Instrument :
BNA_M
ClientSampleId :
EZYN3DL

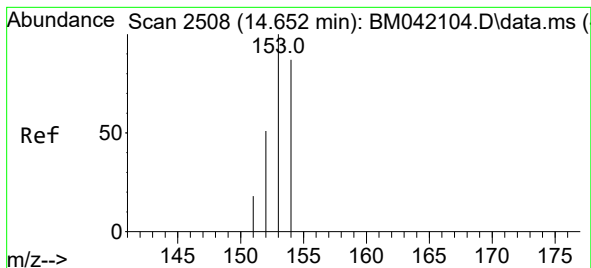
Tgt Ion:142 Resp: 13208
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7



#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.300 min Scan# 2432
Delta R.T. -0.014 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

Tgt Ion:152 Resp: 2555
Ion Ratio Lower Upper
152 100
151 40.6 16.2 24.4#
153 78.1 10.8 16.2#





#11

Acenaphthene

Concen: 0.100 ng/ul

RT: 14.652 min Scan# 21

Delta R.T. 0.004 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

ClientSampleId :

EZYN3DL

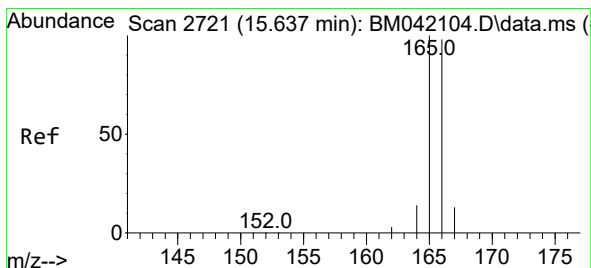
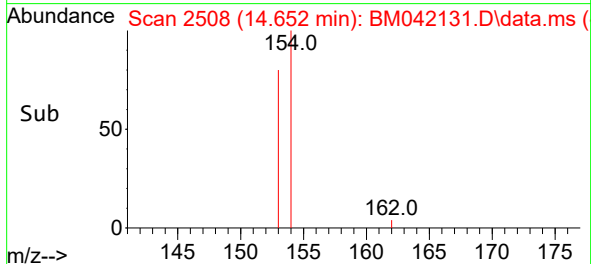
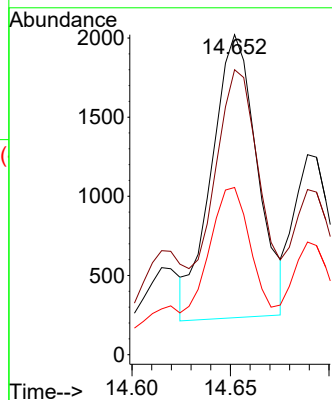
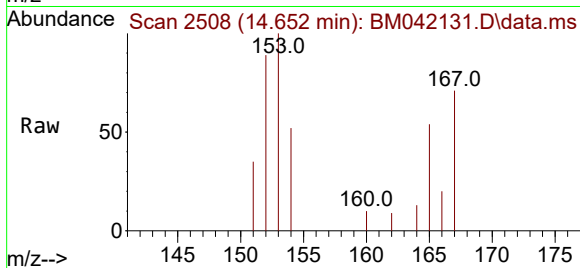
Tgt Ion:153 Resp: 2880

Ion Ratio Lower Upper

153 100

152 89.1 41.8 62.8#

154 52.3 69.0 103.6#



#12

Fluorene

Concen: 0.038 ng/ul

RT: 15.651 min Scan# 2724

Delta R.T. 0.014 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

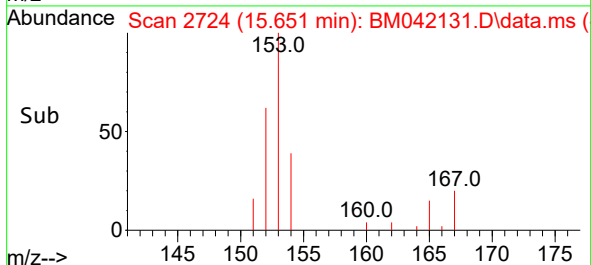
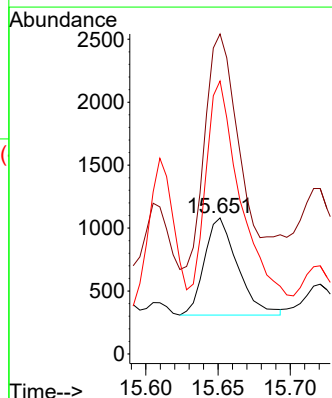
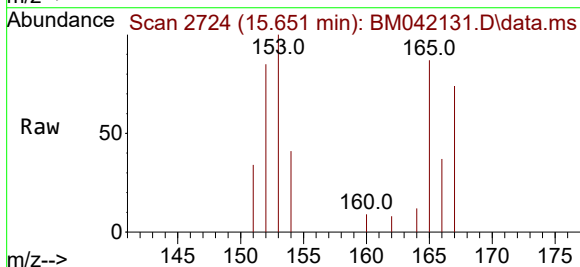
Tgt Ion:166 Resp: 1233

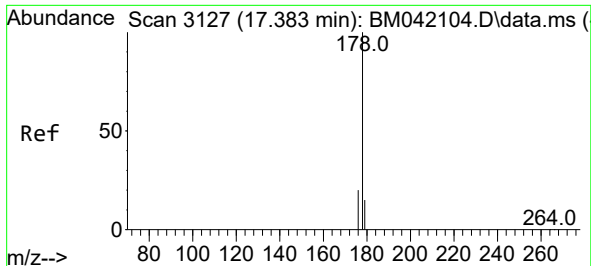
Ion Ratio Lower Upper

166 100

165 235.2 79.8 119.8#

167 200.6 11.1 16.7#

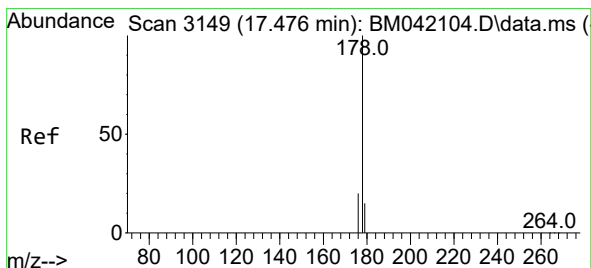
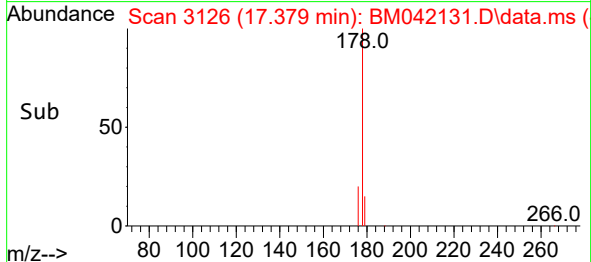
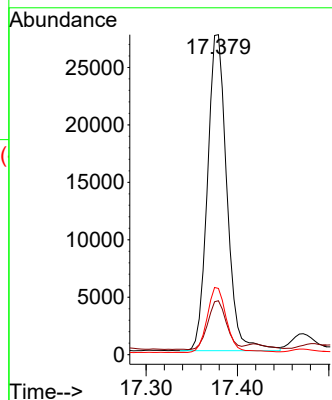
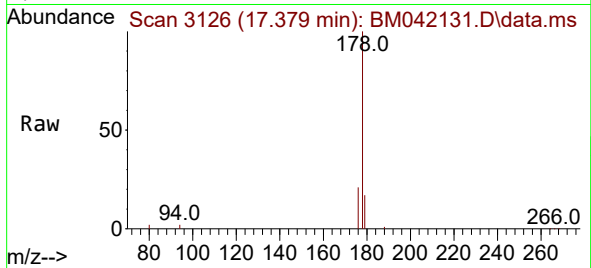




#15
Phenanthrene
Concen: 0.739 ng/ul
RT: 17.379 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

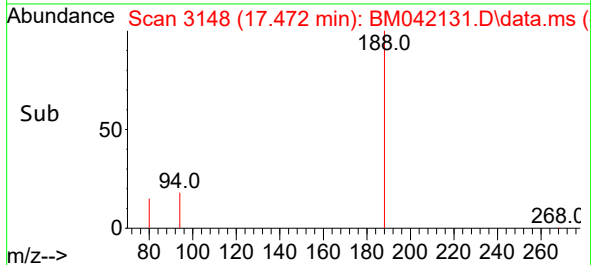
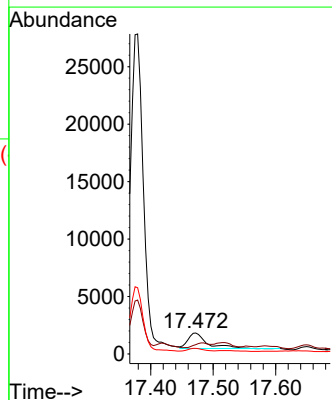
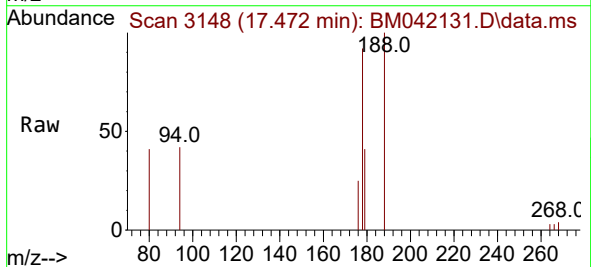
Instrument :
BNA_M
ClientSampleId :
EZYN3DL

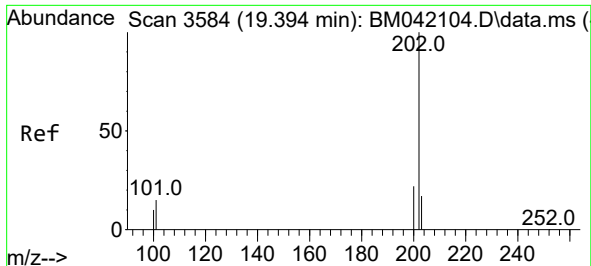
Tgt Ion:178 Resp: 40667
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 20.7 16.6 24.8



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

Tgt Ion:178 Resp: 2898
Ion Ratio Lower Upper
178 100
179 44.5 12.9 19.3#
176 27.1 16.2 24.2#

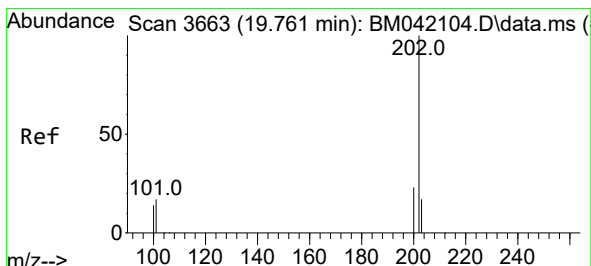
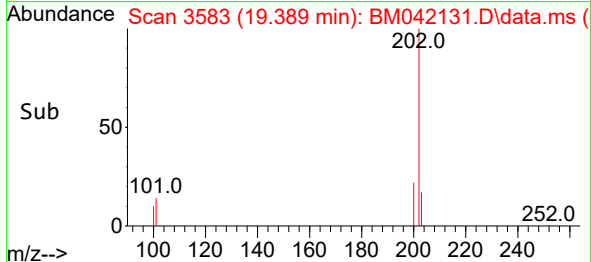
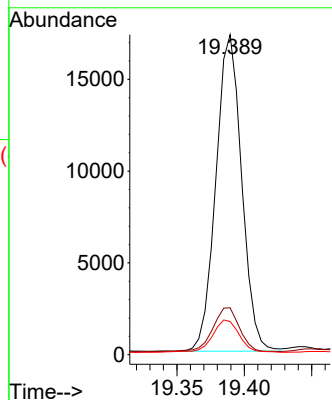
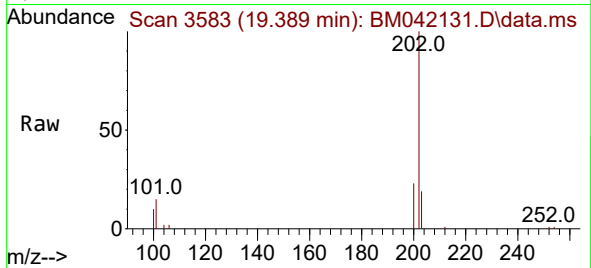




#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

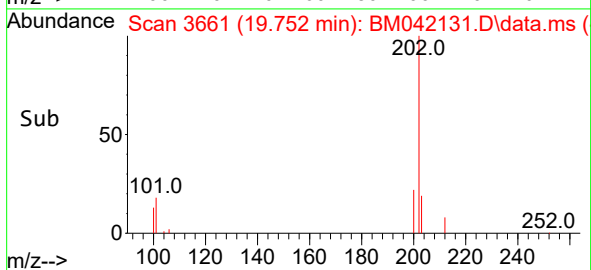
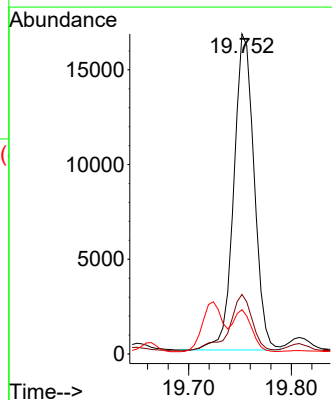
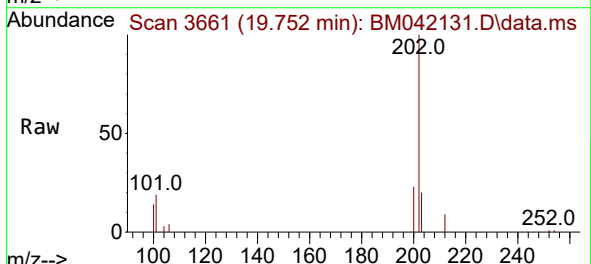
Instrument :
BNA_M
ClientSampleId :
EZYN3DL

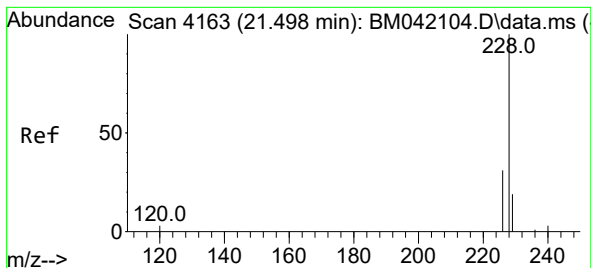
Tgt Ion:202 Resp: 22871
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.4 9.1 13.7



#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

Tgt Ion:202 Resp: 22964
Ion Ratio Lower Upper
202 100
101 18.6 14.1 21.1
100 13.9 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.173 ng/ul

RT: 21.492 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

ClientSampleId :

EZYN3DL

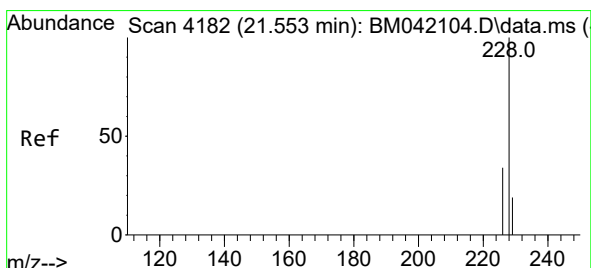
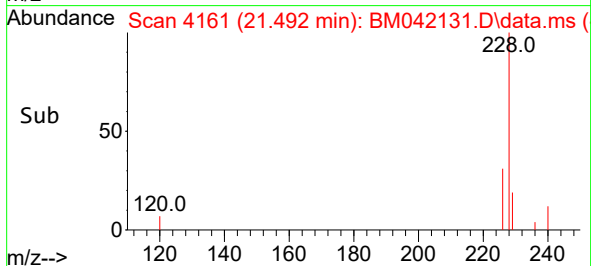
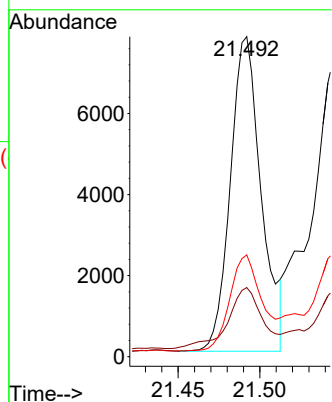
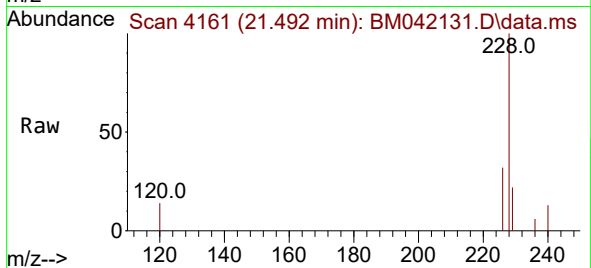
Tgt Ion:228 Resp: 10199

Ion Ratio Lower Upper

228 100

229 21.6 15.5 23.3

226 31.8 24.8 37.2



#22

Chrysene

Concen: 0.194 ng/ul

RT: 21.545 min Scan# 4179

Delta R.T. -0.006 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

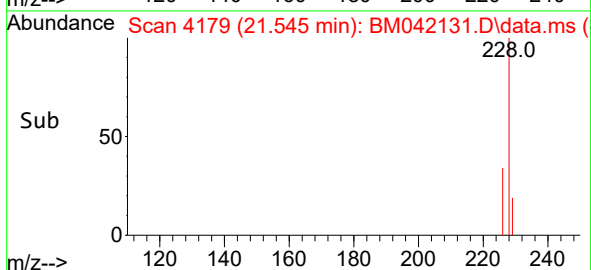
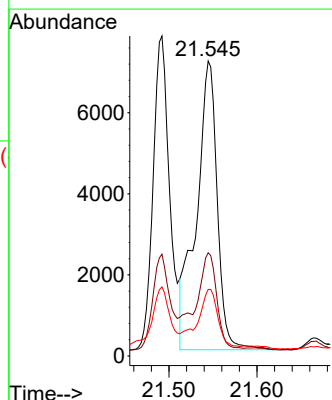
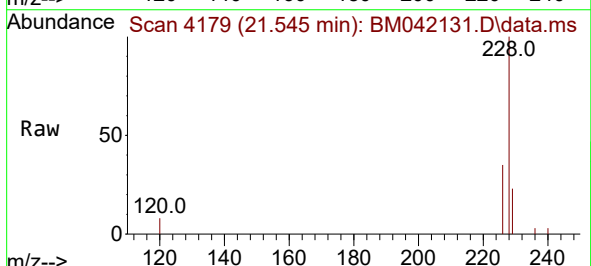
Tgt Ion:228 Resp: 11842

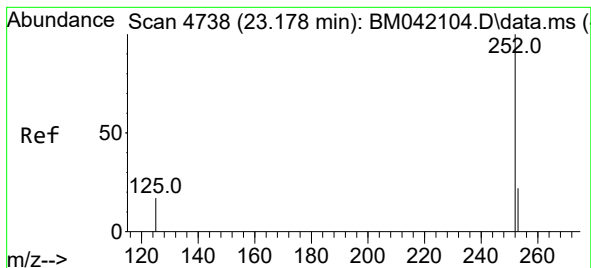
Ion Ratio Lower Upper

228 100

226 35.0 27.8 41.6

229 22.5 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.312 ng/ul

RT: 23.170 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM042131.D

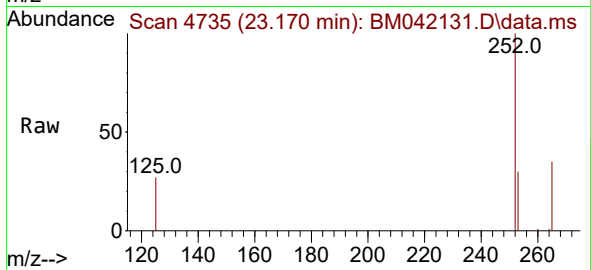
Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

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EZYN3DL



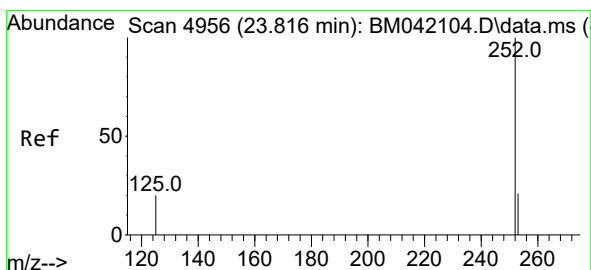
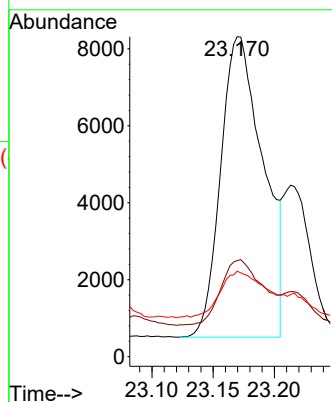
Tgt Ion:252 Resp: 18908

Ion Ratio Lower Upper

252 100

253 30.1 0.0 54.4

125 26.7 0.0 46.2



#26

Benzo(a)pyrene

Concen: 0.180 ng/ul

RT: 23.801 min Scan# 4951

Delta R.T. -0.006 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

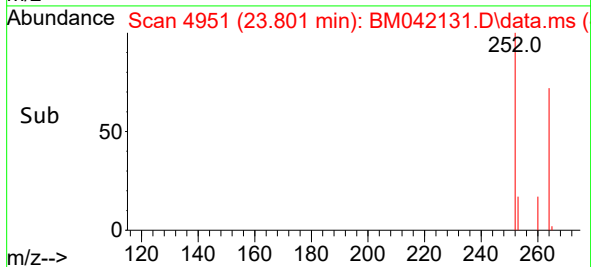
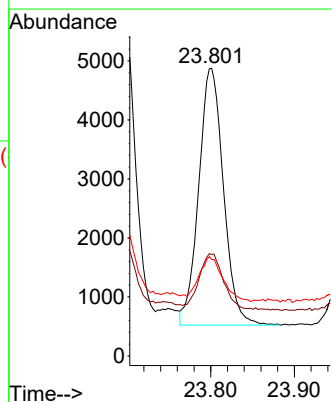
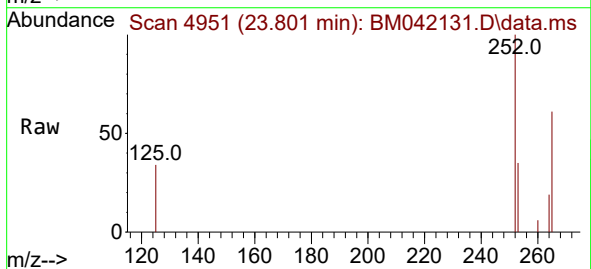
Tgt Ion:252 Resp: 8953

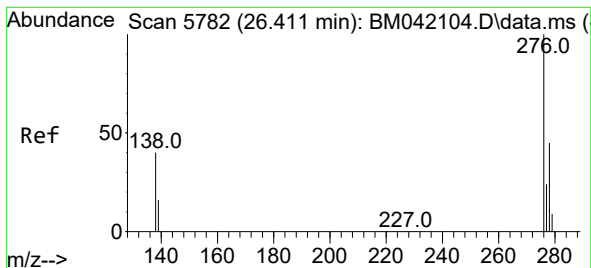
Ion Ratio Lower Upper

252 100

253 35.3 23.2 34.8#

125 33.5 22.5 33.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.163 ng/ul

RT: 26.391 min Scan# 5

Delta R.T. -0.014 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

ClientSampleId :

EZYN3DL

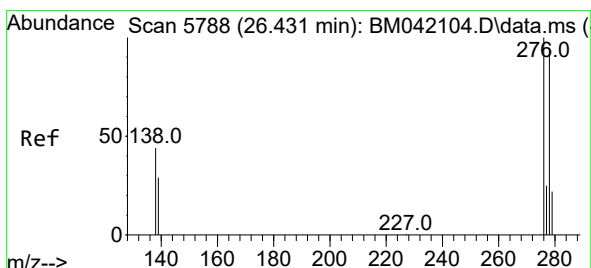
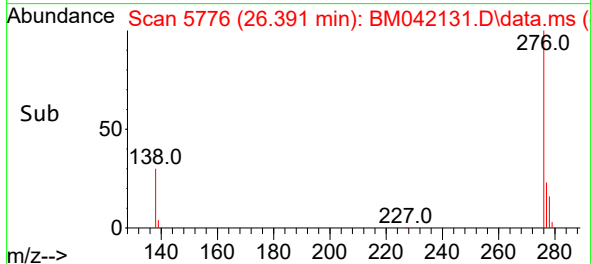
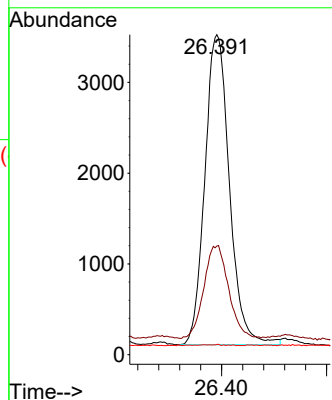
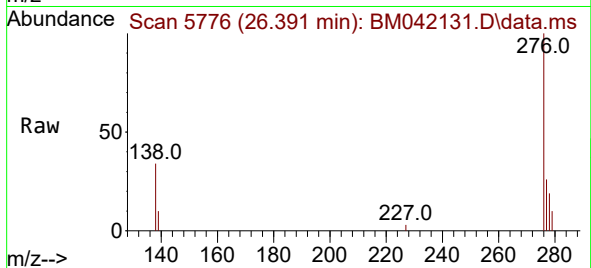
Tgt Ion:276 Resp: 11117

Ion Ratio Lower Upper

276 100

138 30.2 32.1 48.1#

227 0.1 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.051 ng/ul

RT: 26.404 min Scan# 5780

Delta R.T. -0.020 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

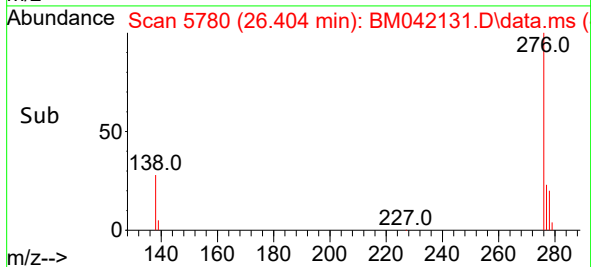
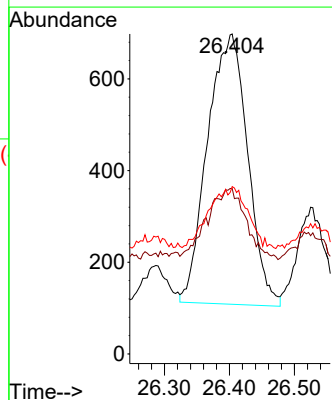
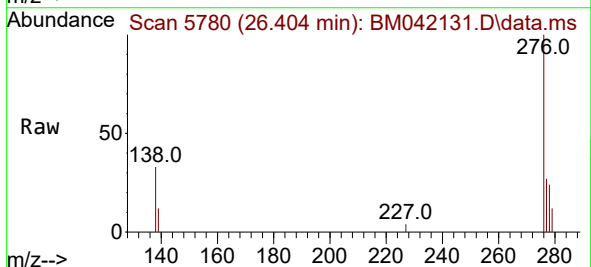
Tgt Ion:278 Resp: 2529

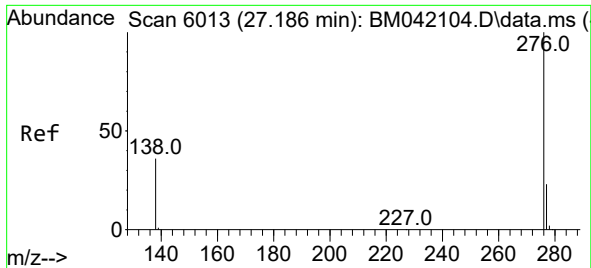
Ion Ratio Lower Upper

278 100

139 51.7 25.0 37.6#

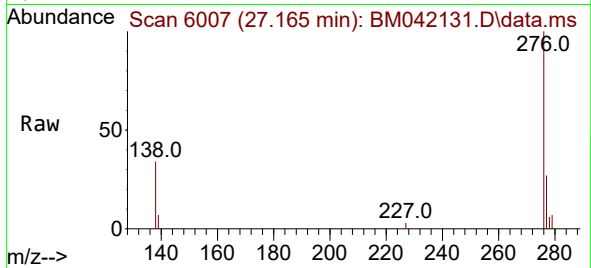
279 52.3 21.7 32.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.189 ng/ul
 RT: 27.165 min Scan# 6013
 Delta R.T. -0.014 min
 Lab File: BM042131.D
 Acq: 29 Sep 2023 01:03

Instrument :
 BNA_M
 ClientSampleId :
 EZYN3DL



Tgt Ion:	276	Resp:	10859
Ion	Ratio	Lower	Upper
276	100		
138	34.4	29.0	43.4
277	26.6	19.6	29.4

