

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042130.D
 Acq On : 29 Sep 2023 00:27
 Operator : MA/JU
 Sample : 04417-29DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF5DL

Quant Time: Sep 29 04:42:24 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)

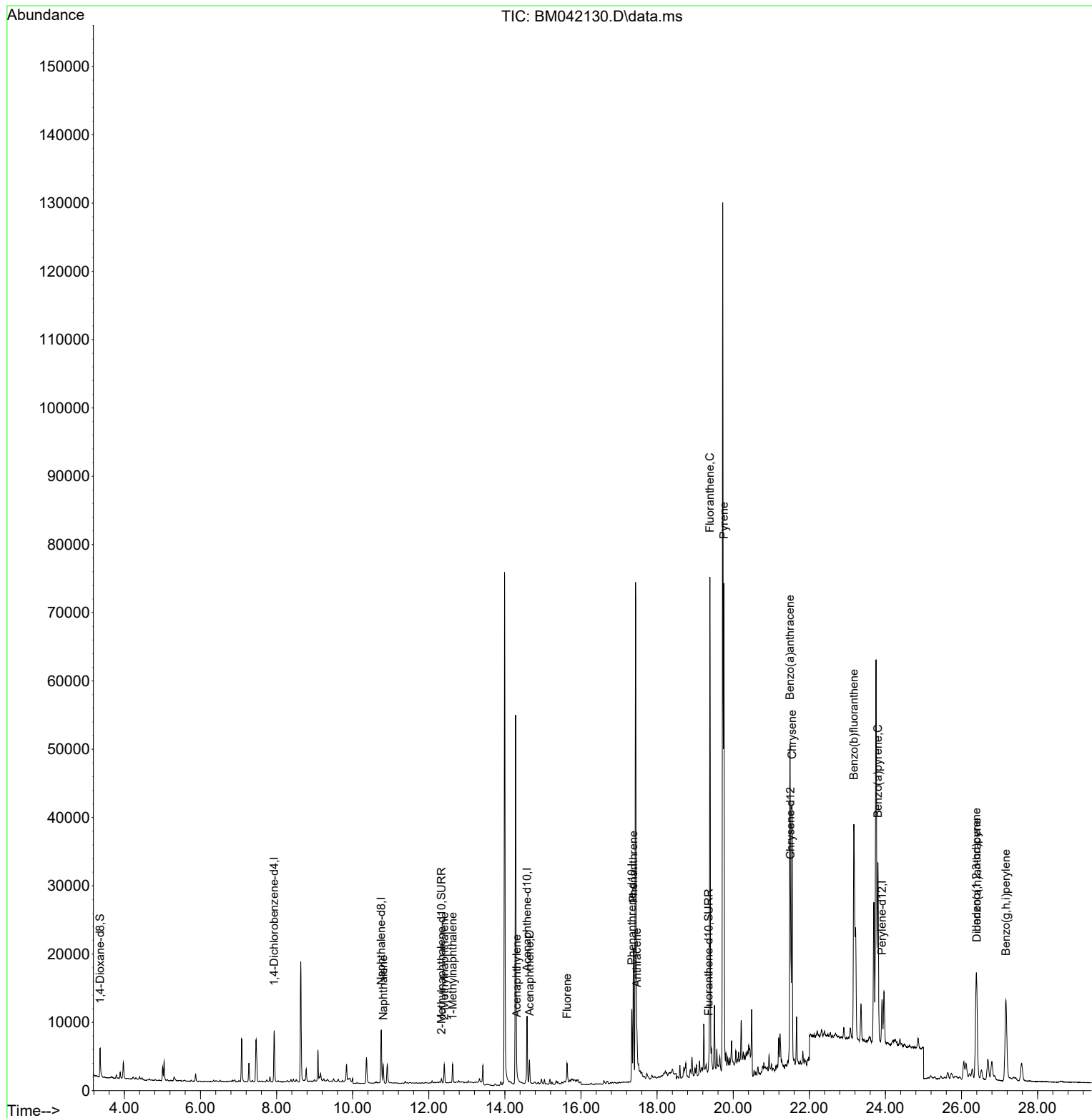
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	10063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11646	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	8920	0.400	ng/ul	# 0.00
23) Perylene-d12	23.909	264	8374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2794	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	721	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	1455	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	3712	0.110	ng/ul#	94
7) 2-Methylnaphthalene	12.407	142	2045	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	1836	0.090	ng/ul	100
10) Acenaphthylene	14.310	152	738	0.021	ng/ul#	62
11) Acenaphthene	14.648	153	2096	0.079	ng/ul	98
12) Fluorene	15.633	166	1805	0.060	ng/ul#	95
15) Phenanthrene	17.379	178	21412	0.396	ng/ul	99
16) Anthracene	17.472	178	4006	0.086	ng/ul#	90
19) Fluoranthene	19.389	202	59094	0.586	ng/ul	98
20) Pyrene	19.757	202	59140	0.597	ng/ul	96
21) Benzo(a)anthracene	21.492	228	39229	0.580	ng/ul	97
22) Chrysene	21.545	228	38477	0.551	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	55211	0.857	ng/ul	97
26) Benzo(a)pyrene	23.801	252	37765	0.713	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.391	276	27312	0.375	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.401	278	6245	0.119	ng/ul#	76
29) Benzo(g,h,i)perylene	27.166	276	25840	0.422	ng/ul	96

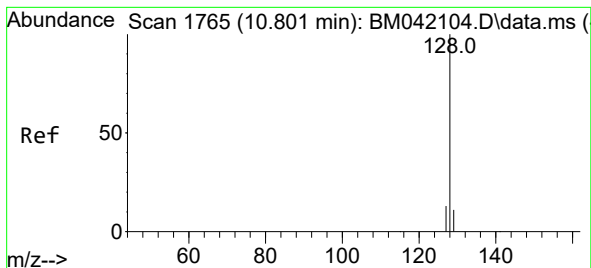
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.110 ng/ul

RT: 10.801 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

Instrument :

BNA_M

ClientSampleId :

EZYF5DL

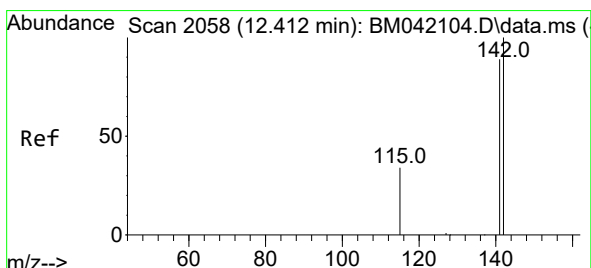
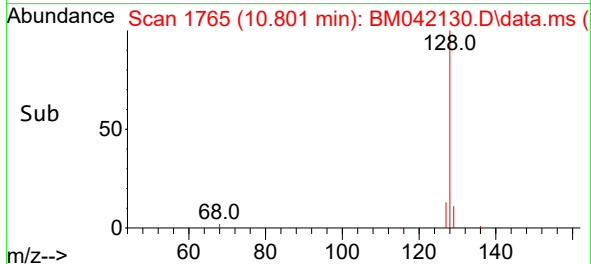
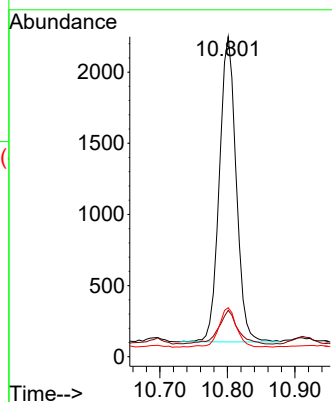
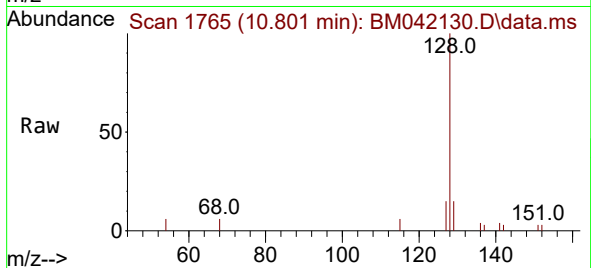
Tgt Ion:128 Resp: 3712

Ion Ratio Lower Upper

128 100

129 14.5 9.2 13.8#

127 15.3 10.8 16.2



#7

2-Methylnaphthalene

Concen: 0.102 ng/ul

RT: 12.407 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BM042130.D

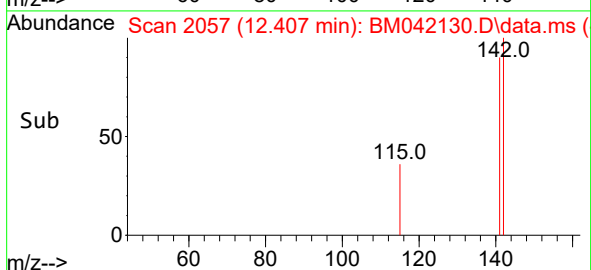
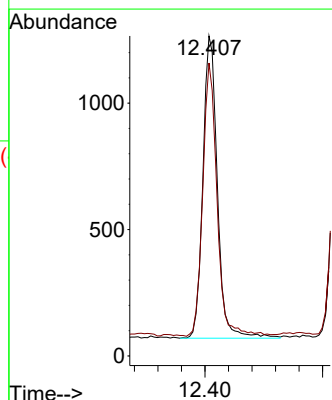
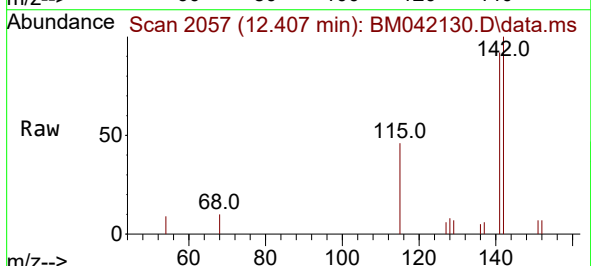
Acq: 29 Sep 2023 00:27

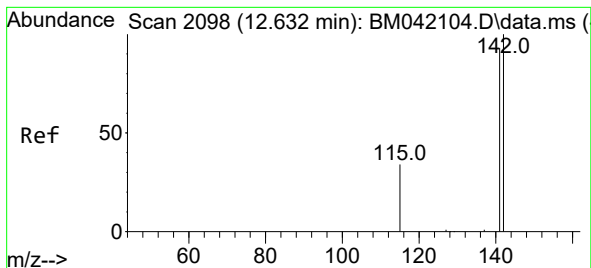
Tgt Ion:142 Resp: 2045

Ion Ratio Lower Upper

142 100

141 89.4 72.1 108.1





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.627 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

Instrument :

BNA_M

ClientSampleId :

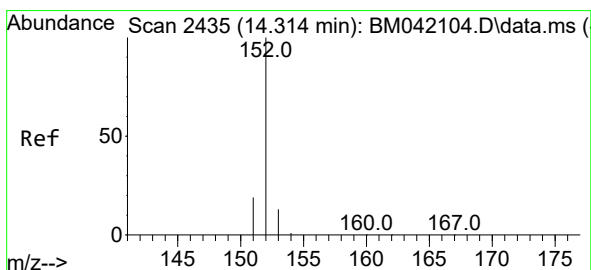
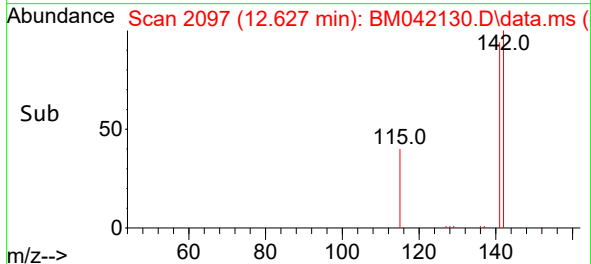
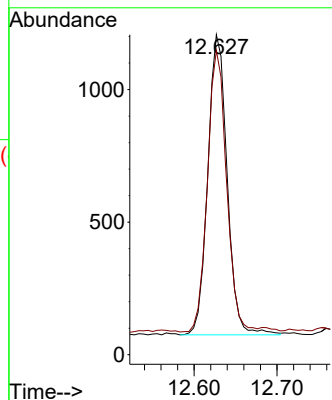
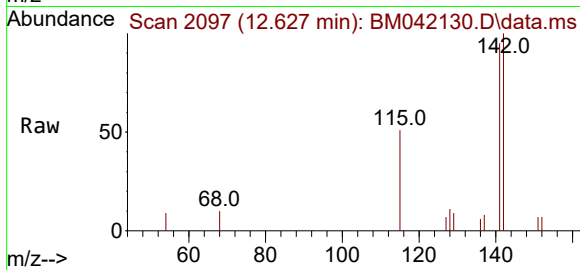
EZYF5DL

Tgt Ion:142 Resp: 1836

Ion Ratio Lower Upper

142 100

141 93.7 75.1 112.7



#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.310 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

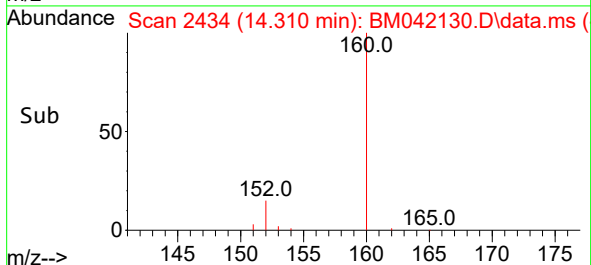
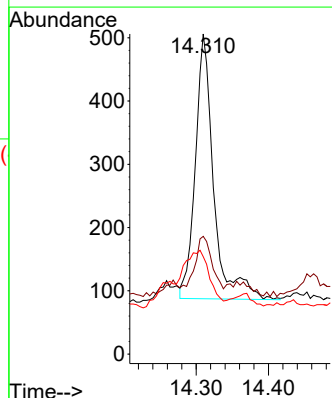
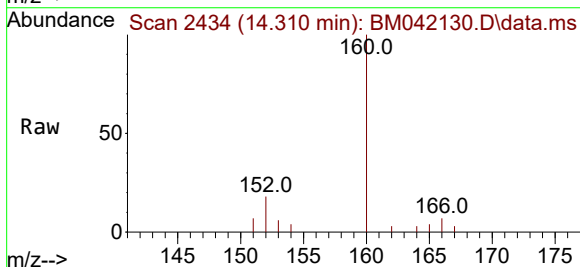
Tgt Ion:152 Resp: 738

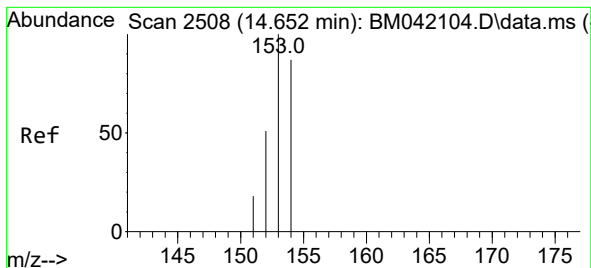
Ion Ratio Lower Upper

152 100

151 36.8 16.2 24.4#

153 30.4 10.8 16.2#





#11

Acenaphthene

Concen: 0.079 ng/ul

RT: 14.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

Instrument :

BNA_M

ClientSampleId :

EZYF5DL

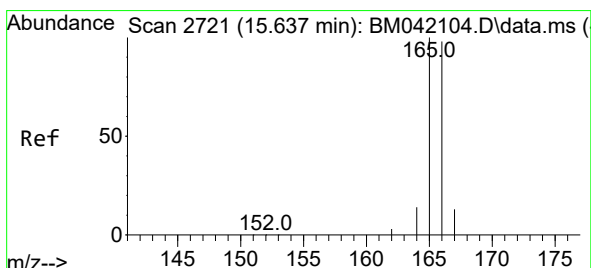
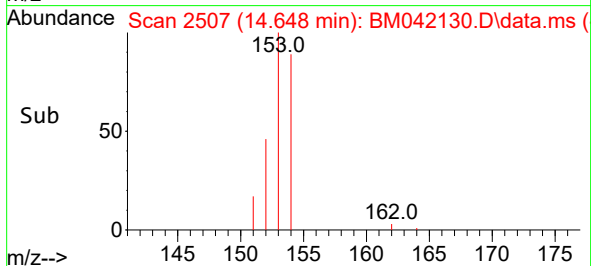
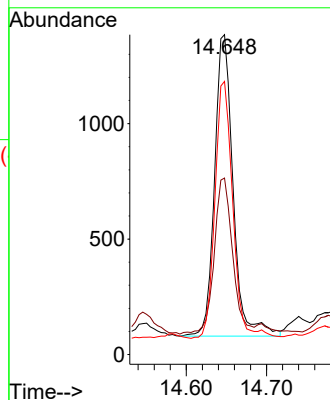
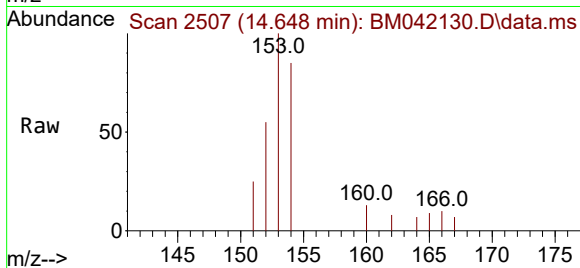
Tgt Ion:153 Resp: 2096

Ion Ratio Lower Upper

153 100

152 55.2 41.8 62.8

154 85.4 69.0 103.6



#12

Fluorene

Concen: 0.060 ng/ul

RT: 15.633 min Scan# 2720

Delta R.T. -0.005 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

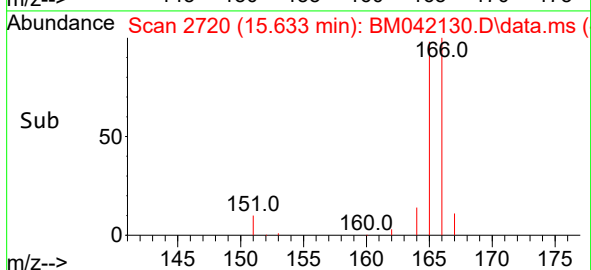
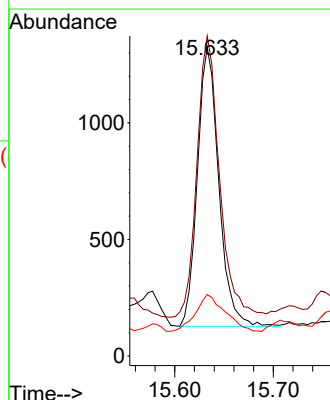
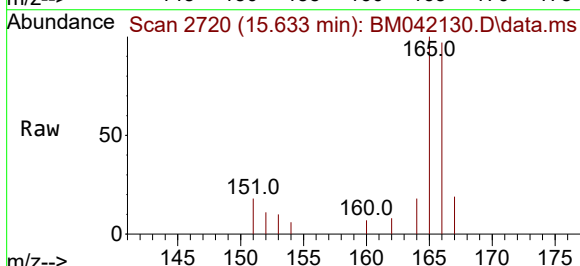
Tgt Ion:166 Resp: 1805

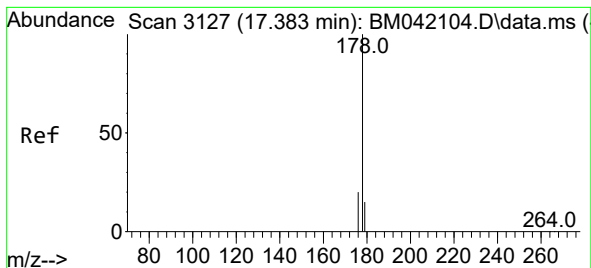
Ion Ratio Lower Upper

166 100

165 103.6 79.8 119.8

167 19.9 11.1 16.7#





#15

Phenanthrene

Concen: 0.396 ng/ul

RT: 17.379 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

Instrument :

BNA_M

ClientSampleId :

EZYF5DL

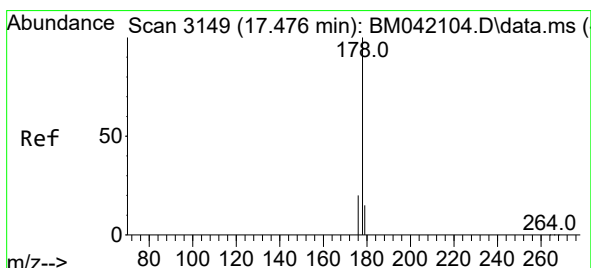
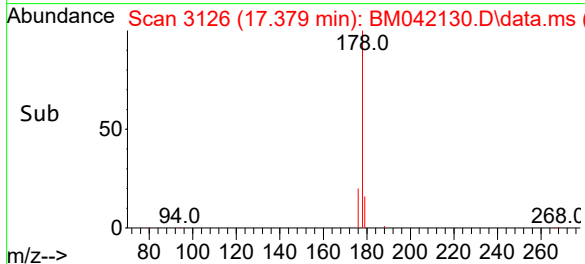
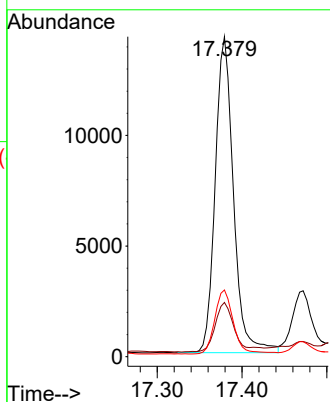
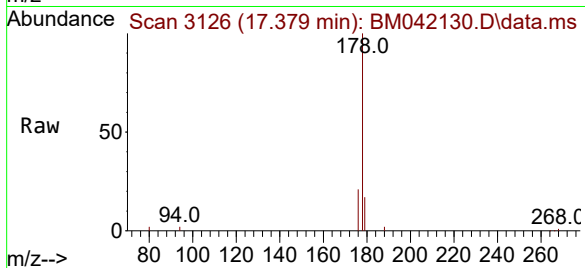
Tgt Ion:178 Resp: 21412

Ion Ratio Lower Upper

178 100

179 16.9 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.086 ng/ul

RT: 17.472 min Scan# 3148

Delta R.T. -0.004 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

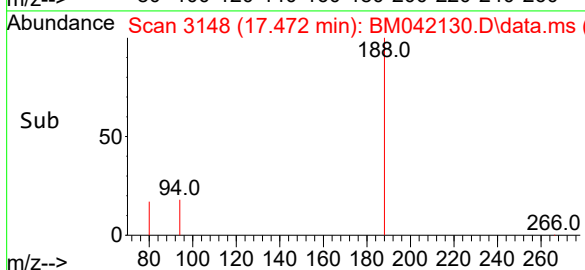
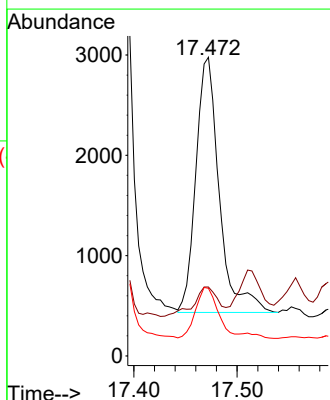
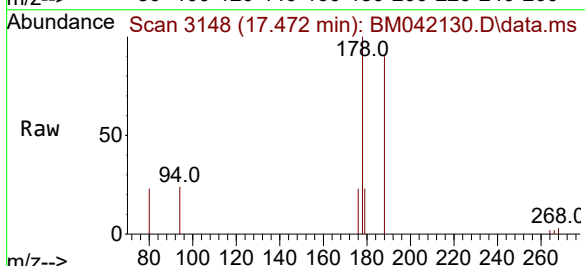
Tgt Ion:178 Resp: 4006

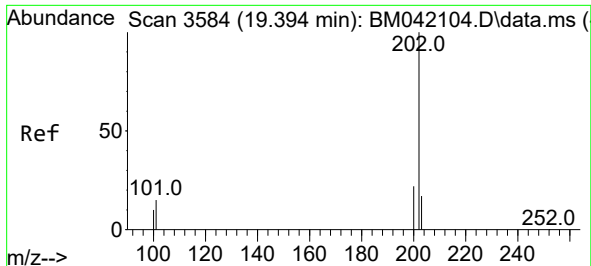
Ion Ratio Lower Upper

178 100

179 23.1 12.9 19.3#

176 22.7 16.2 24.2

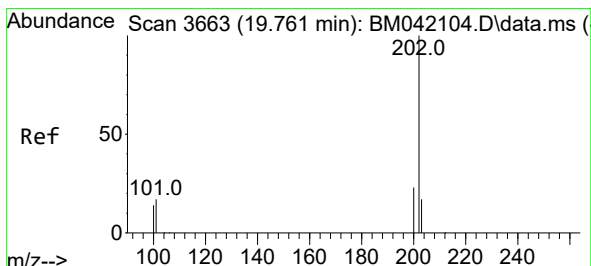
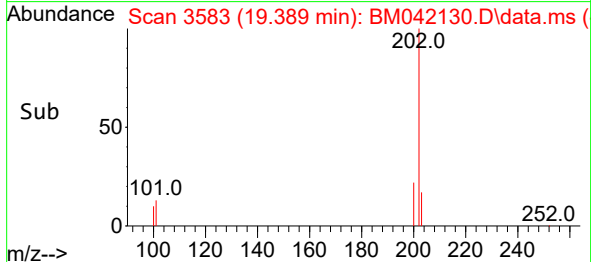
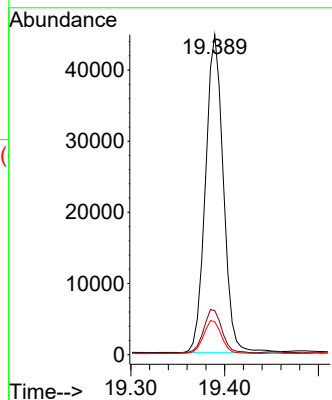
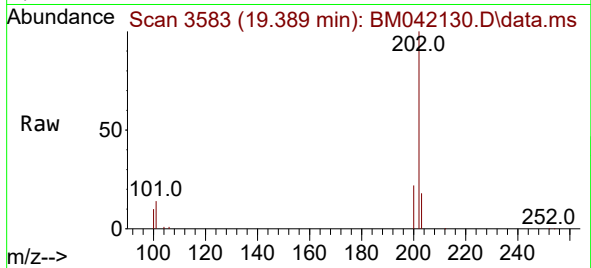




#19
Fluoranthene
Concen: 0.586 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

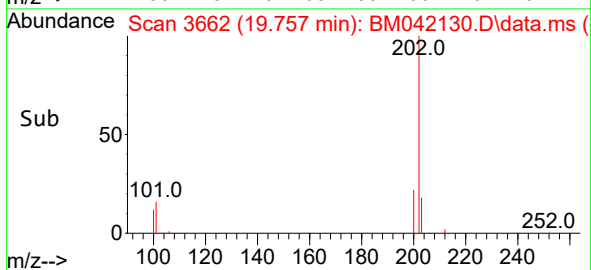
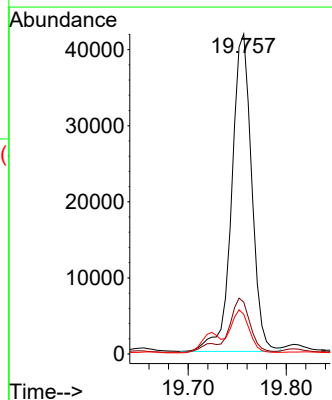
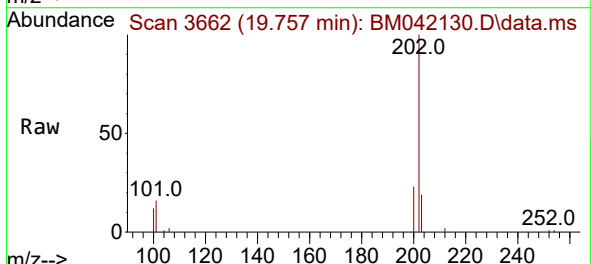
Instrument :
BNA_M
ClientSampleId :
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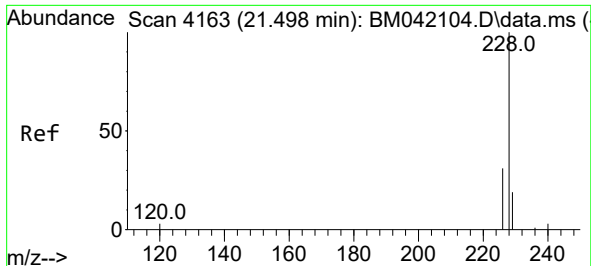
Tgt Ion:202 Resp: 59094
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.3 9.1 13.7



#20
Pyrene
Concen: 0.597 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

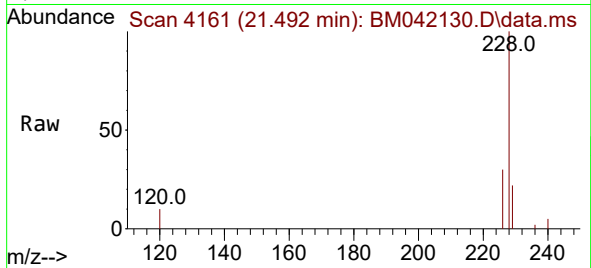
Tgt Ion:202 Resp: 59140
Ion Ratio Lower Upper
202 100
101 16.2 14.1 21.1
100 12.4 11.4 17.0



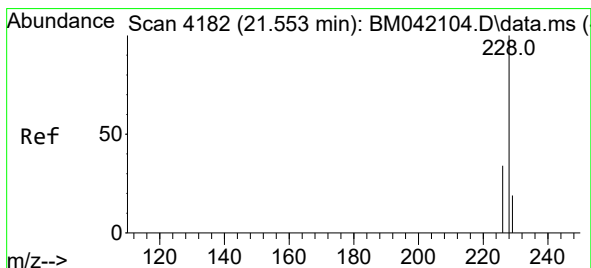
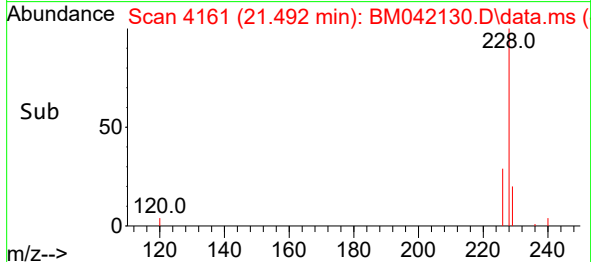
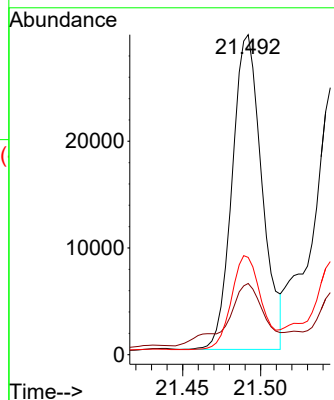


#21
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

Instrument :
BNA_M
ClientSampleId :
EZYF5DL

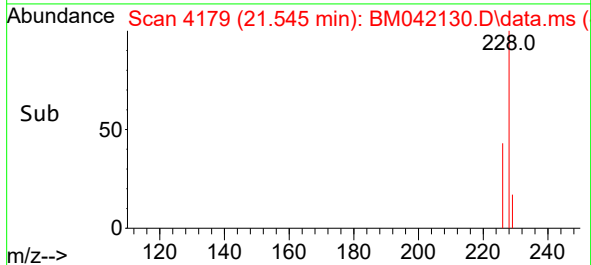
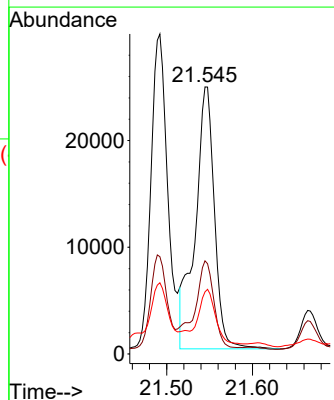
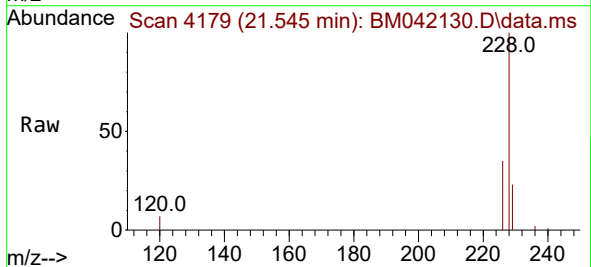


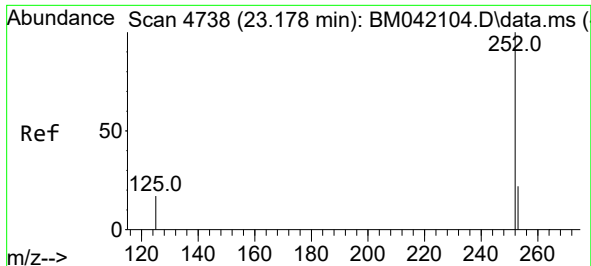
Tgt Ion:228 Resp: 39229
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 30.4 24.8 37.2



#22
Chrysene
Concen: 0.551 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

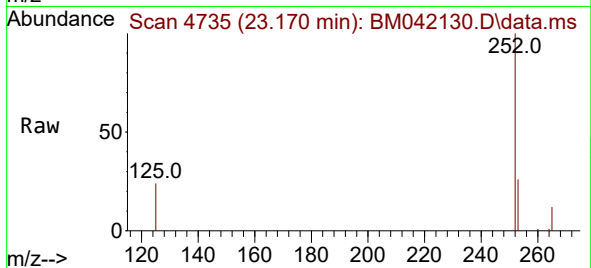
Tgt Ion:228 Resp: 38477
Ion Ratio Lower Upper
228 100
226 34.9 27.8 41.6
229 23.3 15.6 23.4



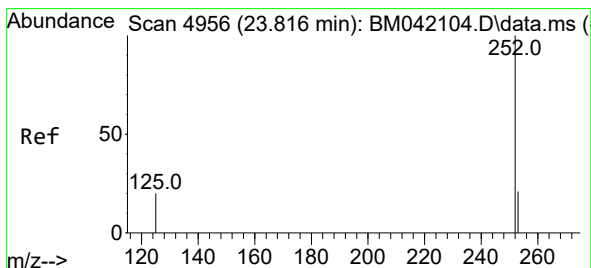
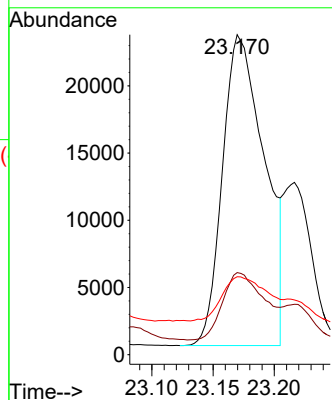


#24
Benzo(b)fluoranthene
Concen: 0.857 ng/ul
RT: 23.170 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

Instrument :
BNA_M
ClientSampleId :
EZYF5DL

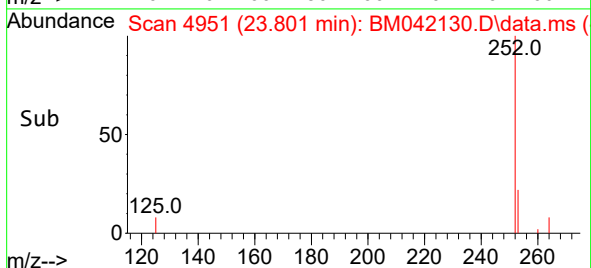
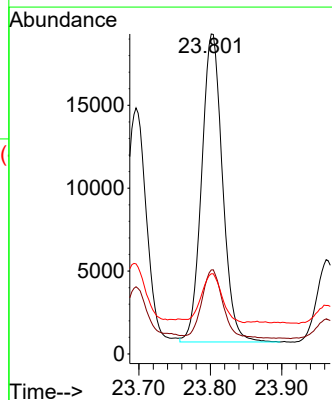
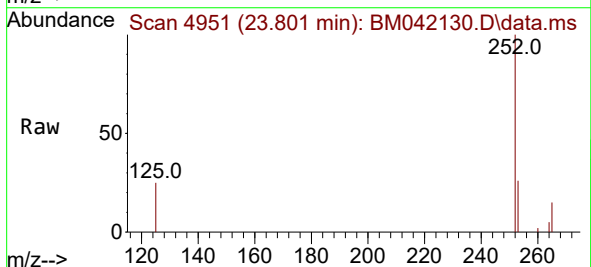


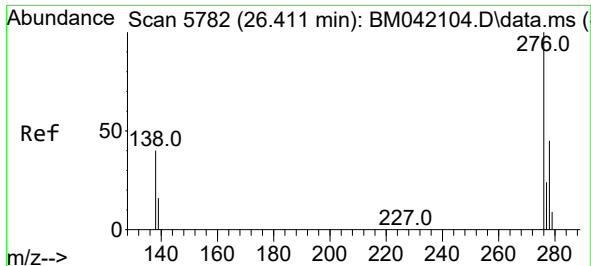
Tgt Ion:252 Resp: 55211
Ion Ratio Lower Upper
252 100
253 25.6 0.0 54.4
125 24.4 0.0 46.2



#26
Benzo(a)pyrene
Concen: 0.713 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

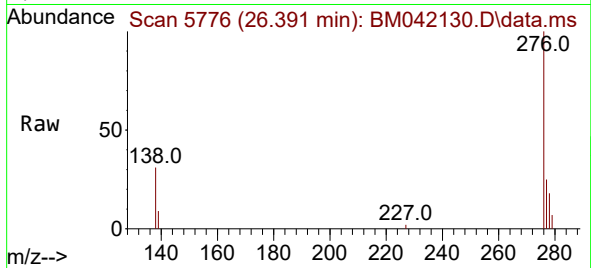
Tgt Ion:252 Resp: 37765
Ion Ratio Lower Upper
252 100
253 26.2 23.2 34.8
125 25.0 22.5 33.7



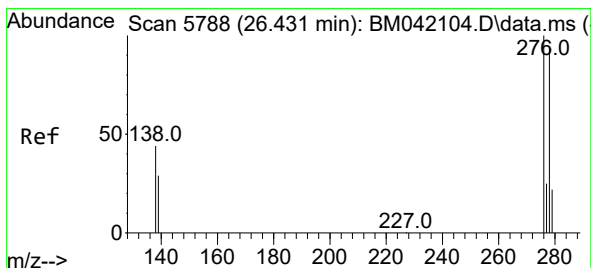
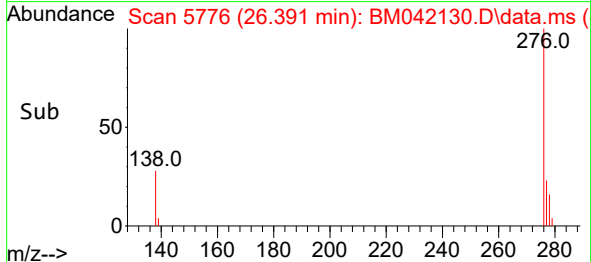
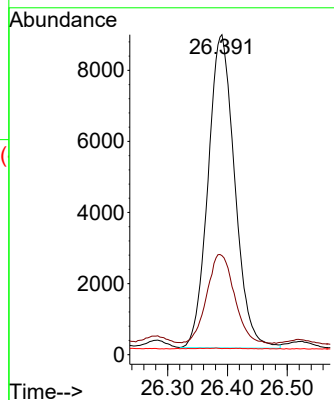


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng/ul
 RT: 26.391 min Scan# 5776
 Delta R.T. -0.013 min
 Lab File: BM042130.D
 Acq: 29 Sep 2023 00:27

Instrument :
 BNA_M
 ClientSampleId :
 EZYF5DL

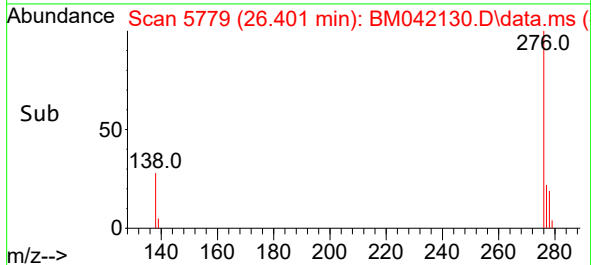
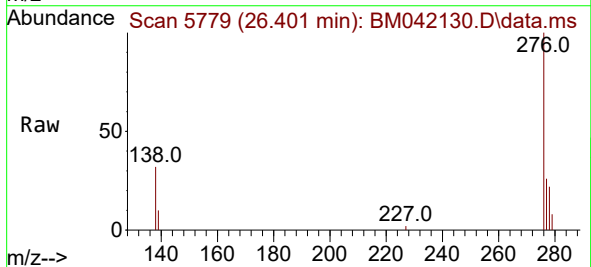
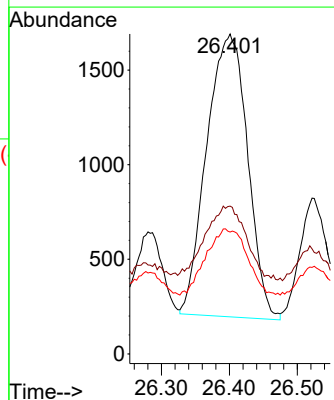


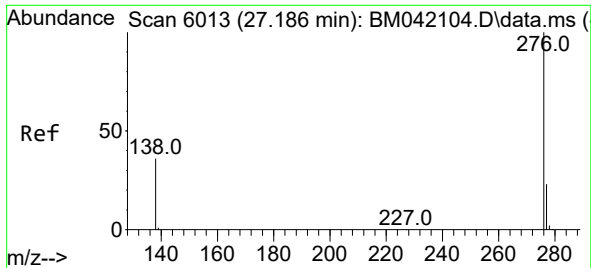
Tgt Ion:276 Resp: 27312
 Ion Ratio Lower Upper
 276 100
 138 29.6 32.1 48.1#
 227 0.3 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.119 ng/ul
 RT: 26.401 min Scan# 5779
 Delta R.T. -0.024 min
 Lab File: BM042130.D
 Acq: 29 Sep 2023 00:27

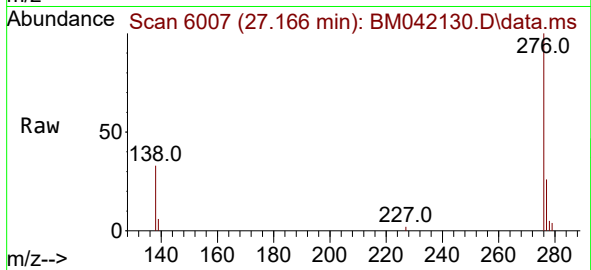
Tgt Ion:278 Resp: 6245
 Ion Ratio Lower Upper
 278 100
 139 46.2 25.0 37.6#
 279 38.1 21.7 32.5#





#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.166 min Scan# 6013
Delta R.T. -0.013 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

Instrument :
BNA_M
ClientSampleId :
EZYF5DL



Tgt Ion:	276	Resp:	25840
Ion	Ratio	Lower	Upper
276	100		
138	33.3	29.0	43.4
277	25.6	19.6	29.4

