

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038294.D
 Acq On : 25 Dec 2022 05:53
 Operator : CG/JU
 Sample : N6016-17
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 23:54:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

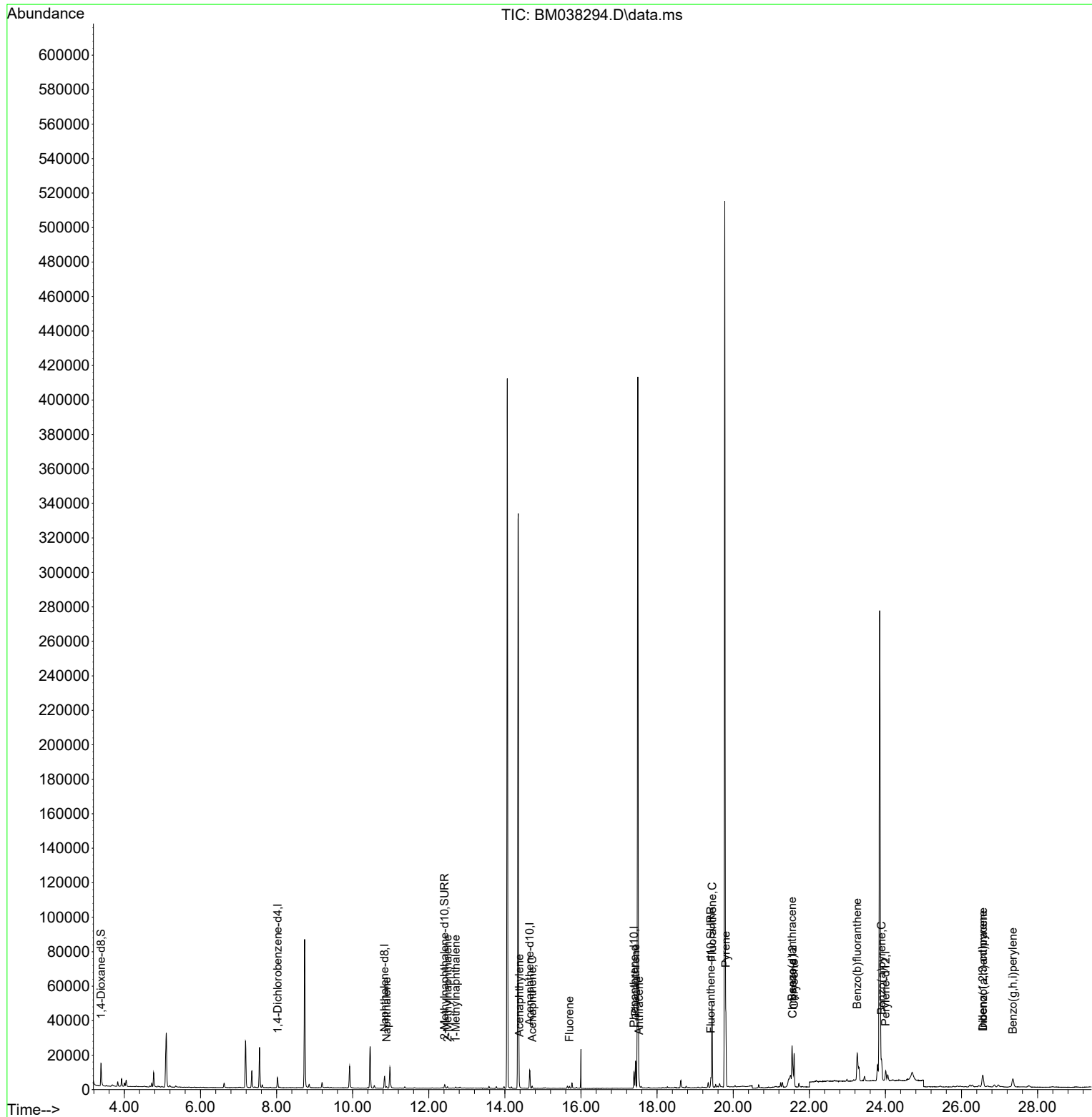
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2958	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	9057	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10966	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	8291	0.400	ng/ul	# 0.00
23) Perylene-d12	24.006	264	7724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	8276	2.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	2533	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5431	0.174	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.889	128	1137	0.043	ng/ul#	81
7) 2-Methylnaphthalene	12.495	142	572	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.709	142	433	0.026	ng/ul	99
10) Acenaphthylene	14.379	152	1364	0.045	ng/ul#	81
11) Acenaphthene	14.717	153	760	0.035	ng/ul	94
12) Fluorene	15.698	166	683	0.029	ng/ul#	93
15) Phenanthrene	17.434	178	16039	0.437	ng/ul	99
16) Anthracene	17.527	178	3728	0.106	ng/ul#	93
19) Fluoranthene	19.445	202	39879	0.878	ng/ul	98
20) Pyrene	19.808	202	36000	0.784	ng/ul	95
21) Benzo(a)anthracene	21.547	228	18361	0.505	ng/ul	95
22) Chrysene	21.600	228	19843	0.561	ng/ul	96
24) Benzo(b)fluoranthene	23.257	252	28575	0.836	ng/ul	98
26) Benzo(a)pyrene	23.898	252	16928	0.567	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.558	276	12317	0.298	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.565	278	3065	0.095	ng/ul#	51
29) Benzo(g,h,i)perylene	27.347	276	11132	0.320	ng/ul	98

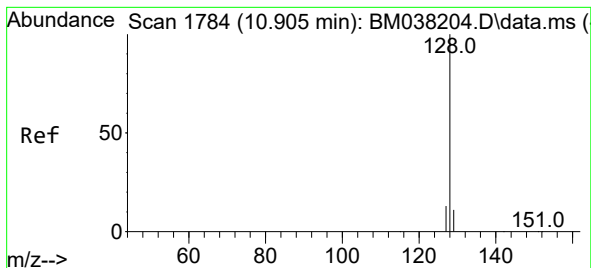
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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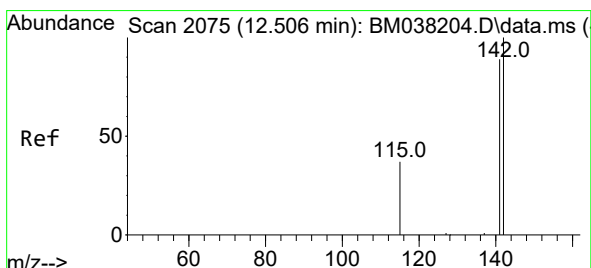
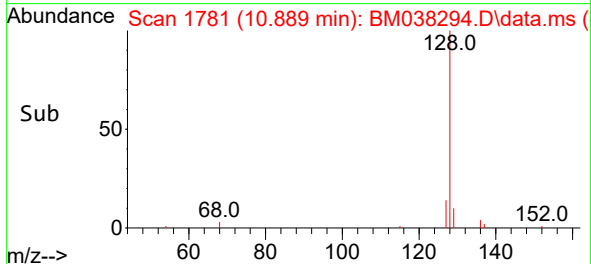
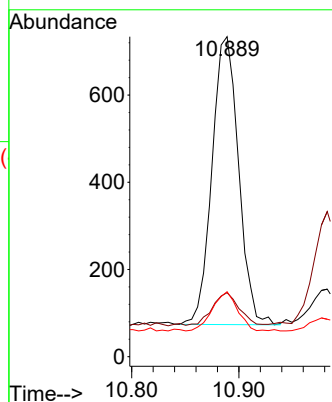
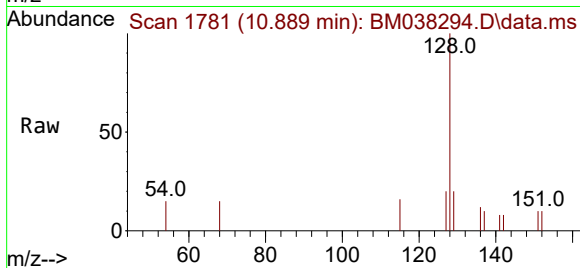




#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

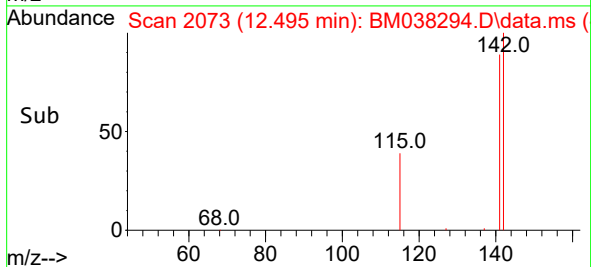
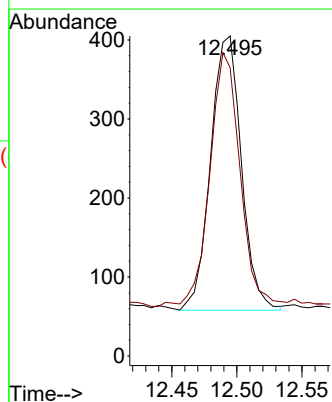
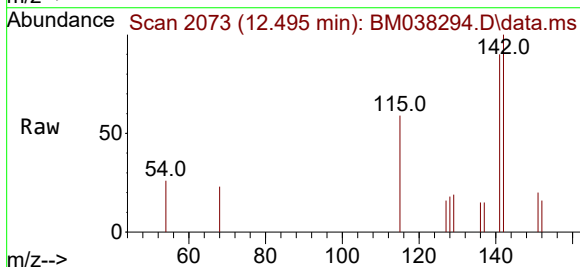
Instrument :
BNA_M
ClientSampleId :

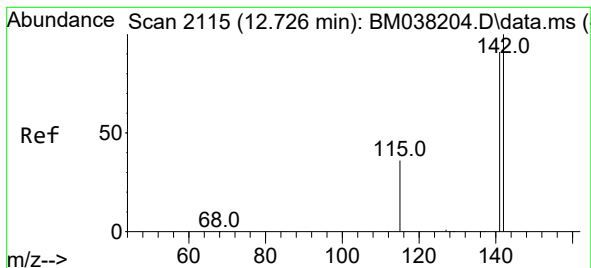
Tgt Ion:128 Resp: 1137
Ion Ratio Lower Upper
128 100
129 20.0 9.4 14.0#
127 20.3 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.709 min Scan# 2112

Delta R.T. -0.005 min

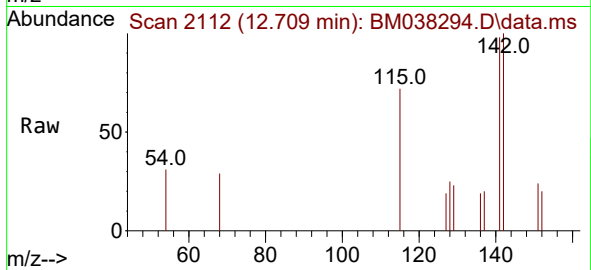
Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

Instrument :

BNA_M

ClientSampleId :

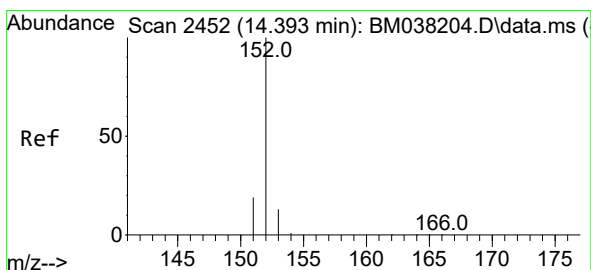
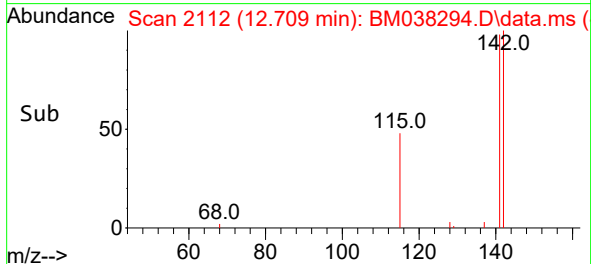
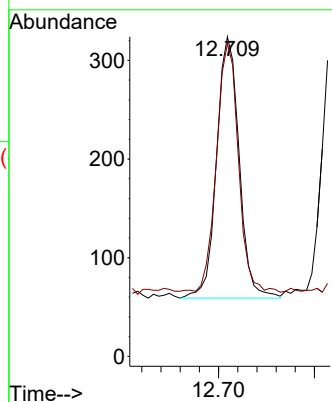


Tgt Ion:142 Resp: 433

Ion Ratio Lower Upper

142 100

141 92.1 74.7 112.1



#10

Acenaphthylene

Concen: 0.045 ng/ul

RT: 14.379 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

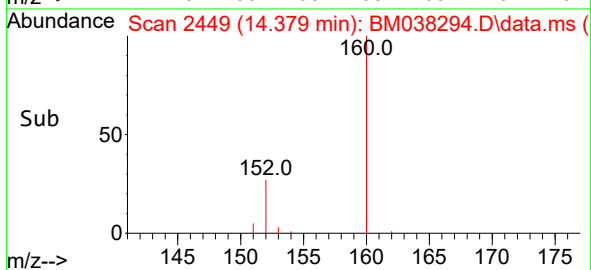
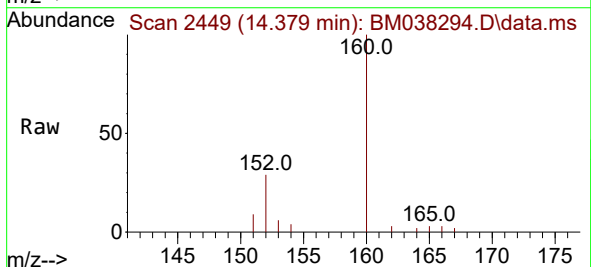
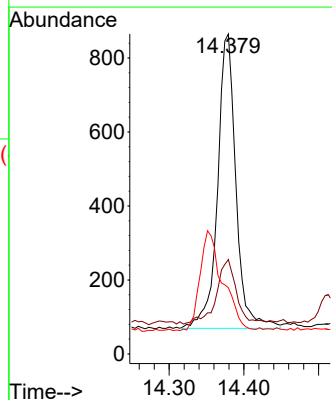
Tgt Ion:152 Resp: 1364

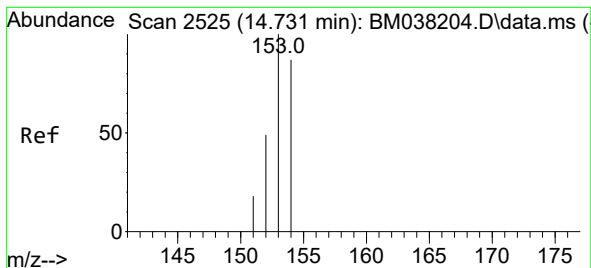
Ion Ratio Lower Upper

152 100

151 29.5 16.2 24.2#

153 20.7 10.7 16.1#





#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.717 min Scan# 21

Delta R.T. -0.005 min

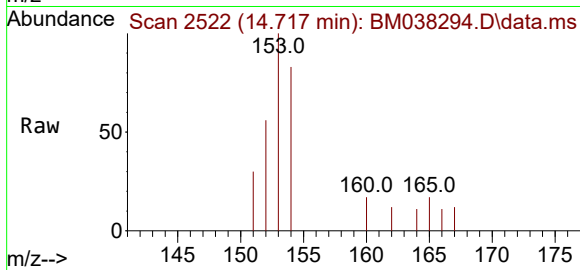
Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

Instrument :

BNA_M

ClientSampleId :



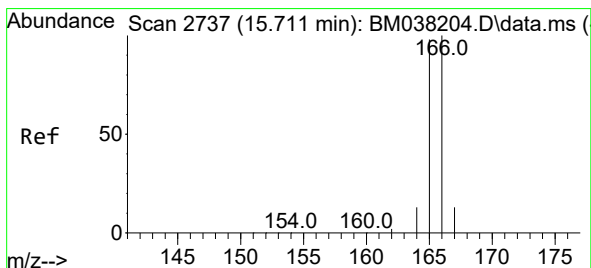
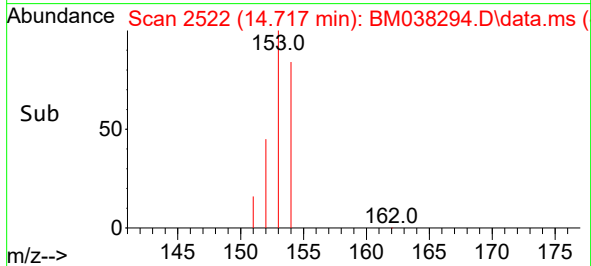
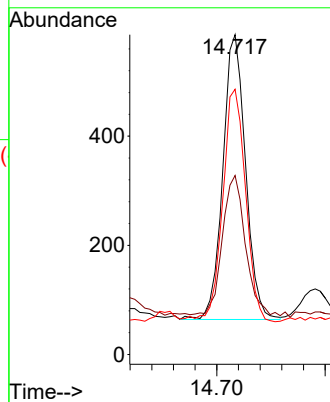
Tgt Ion:153 Resp: 760

Ion Ratio Lower Upper

153 100

152 56.0 39.4 59.0

154 82.9 69.0 103.4



#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.698 min Scan# 2734

Delta R.T. -0.005 min

Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

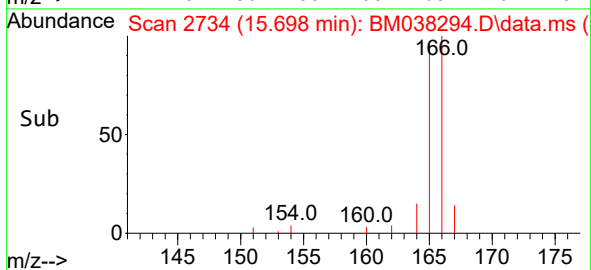
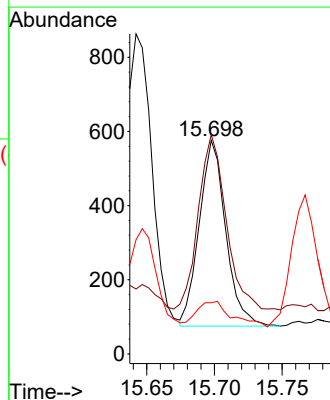
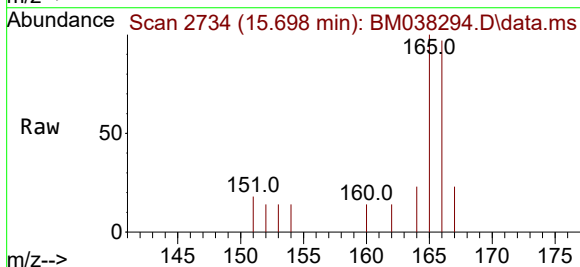
Tgt Ion:166 Resp: 683

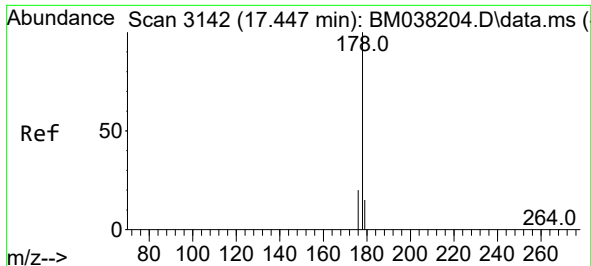
Ion Ratio Lower Upper

166 100

165 102.8 79.0 118.6

167 24.0 11.0 16.6#

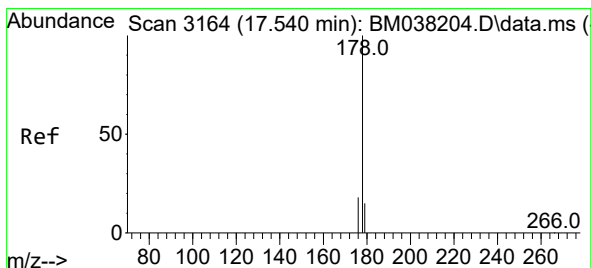
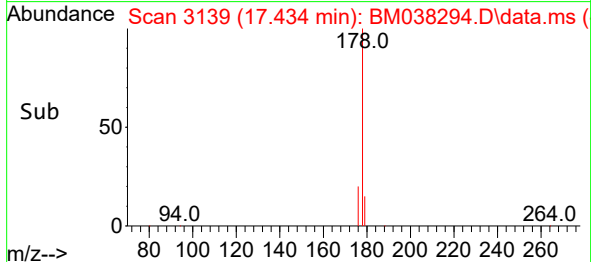
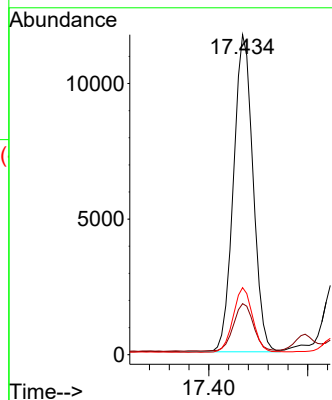
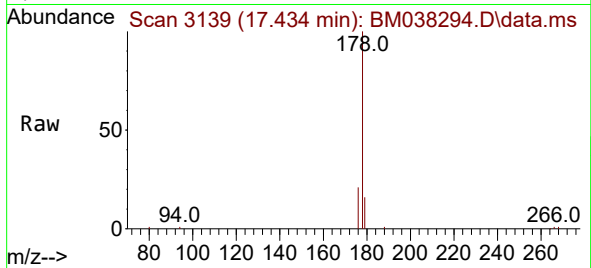




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.434 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

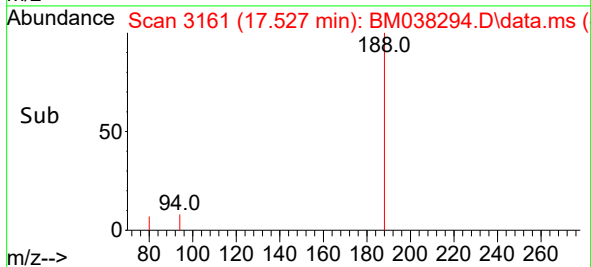
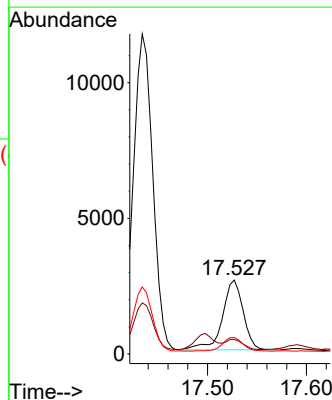
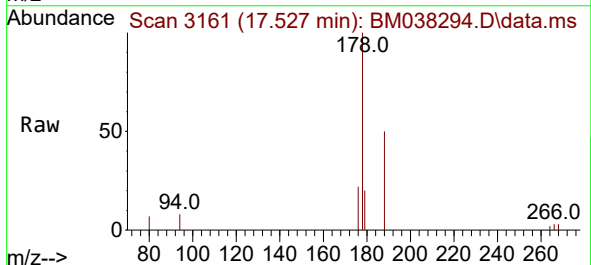
Instrument :
BNA_M
ClientSampleId :

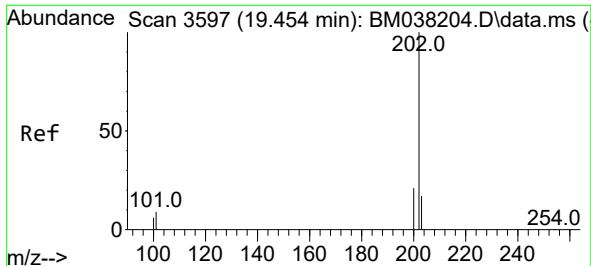
Tgt Ion:178 Resp: 16039
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 21.0 16.2 24.4



#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

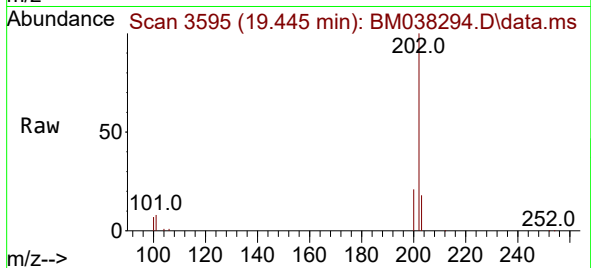
Tgt Ion:178 Resp: 3728
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.6#
176 22.2 15.6 23.4



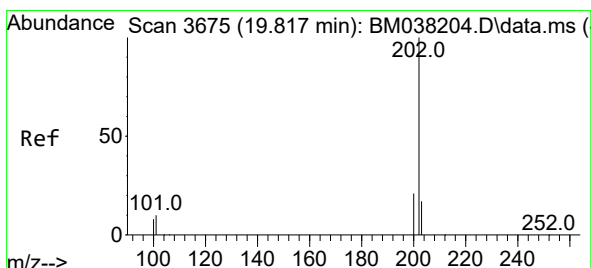
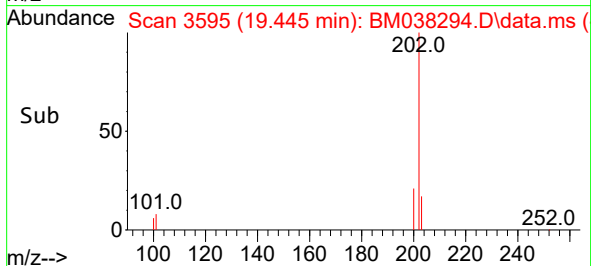
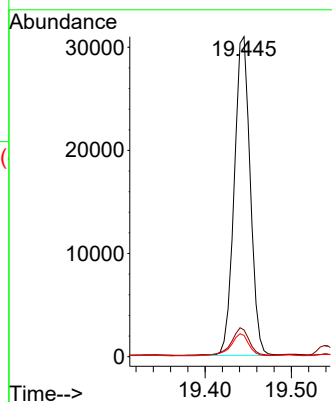


#19
Fluoranthene
Concen: 0.878 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Instrument :
BNA_M
ClientSampleId :

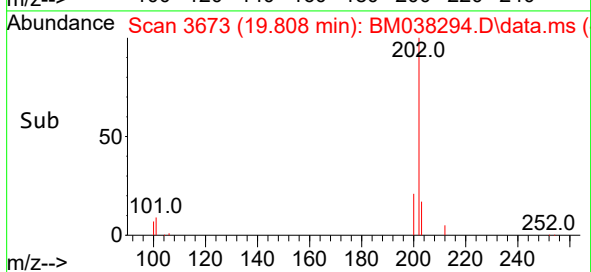
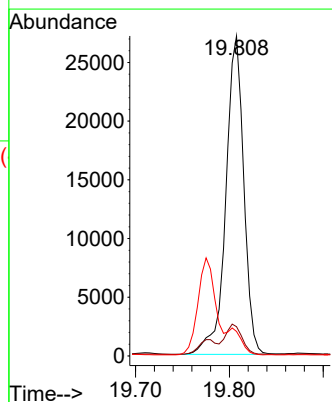
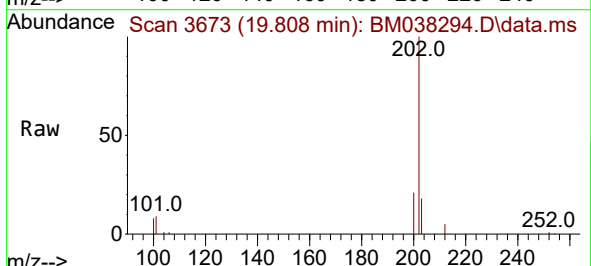


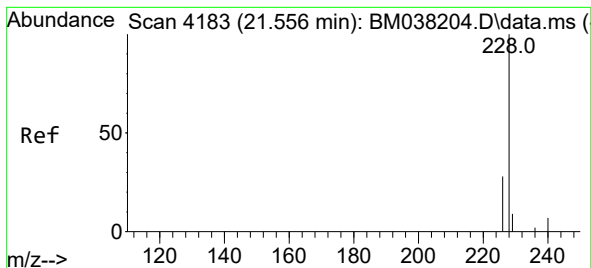
Tgt Ion:202 Resp: 39879
Ion Ratio Lower Upper
202 100
101 8.3 7.5 11.3
100 6.6 5.6 8.4



#20
Pyrene
Concen: 0.784 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Tgt Ion:202 Resp: 36000
Ion Ratio Lower Upper
202 100
101 9.2 8.9 13.3
100 7.6 7.4 11.0





#21

Benzo(a)anthracene

Concen: 0.505 ng/ul

RT: 21.547 min Scan# 41

Delta R.T. -0.003 min

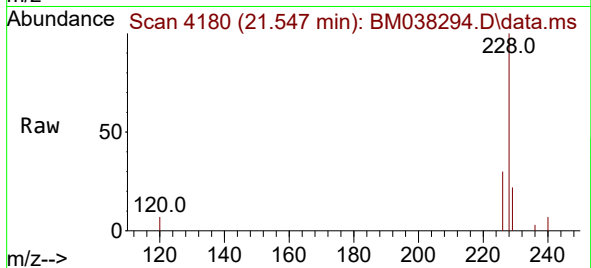
Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

Instrument :

BNA_M

ClientSampleId :



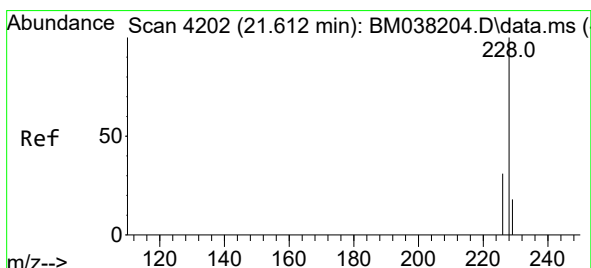
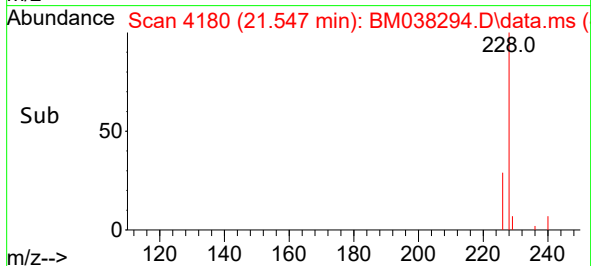
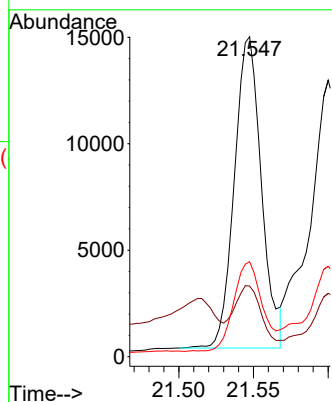
Tgt Ion:228 Resp: 18361

Ion Ratio Lower Upper

228 100

229 22.1 15.5 23.3

226 29.7 22.2 33.2



#22

Chrysene

Concen: 0.561 ng/ul

RT: 21.600 min Scan# 4198

Delta R.T. -0.006 min

Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

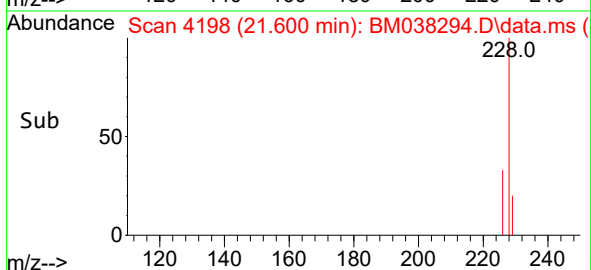
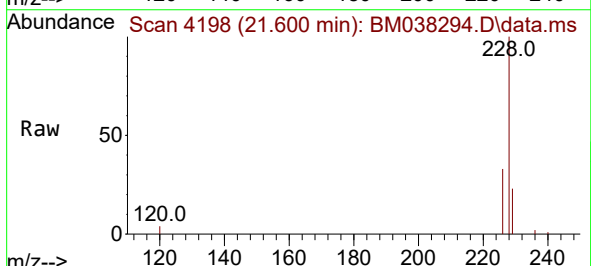
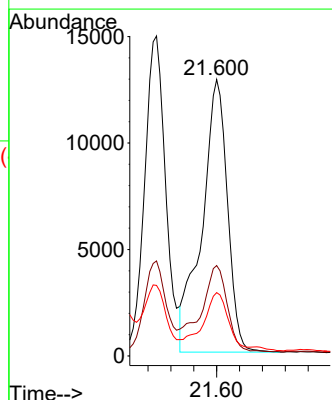
Tgt Ion:228 Resp: 19843

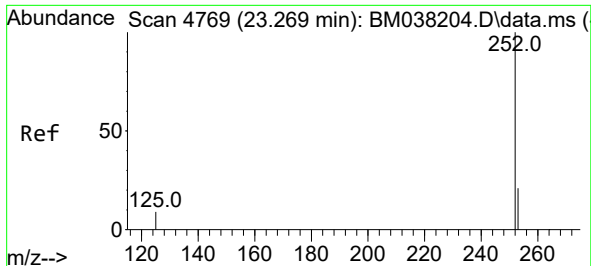
Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.4

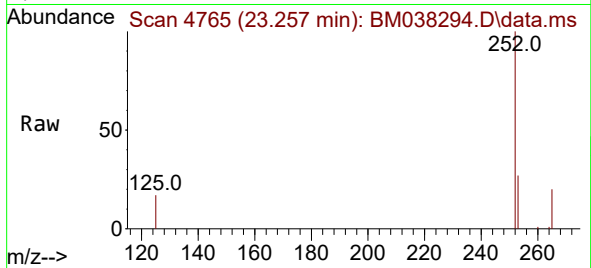
229 22.9 16.0 24.0



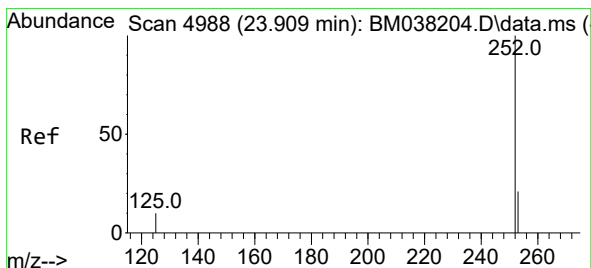
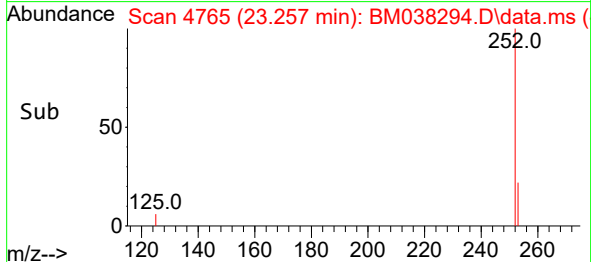
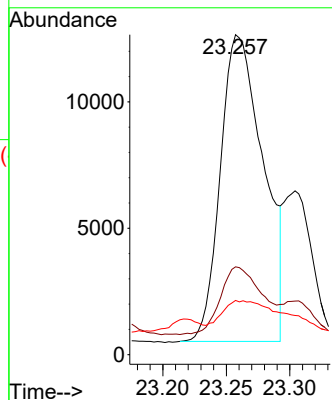


#24
Benzo(b)fluoranthene
Concen: 0.836 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Instrument :
BNA_M
ClientSampleId :

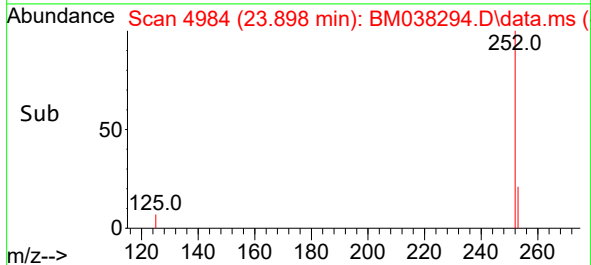
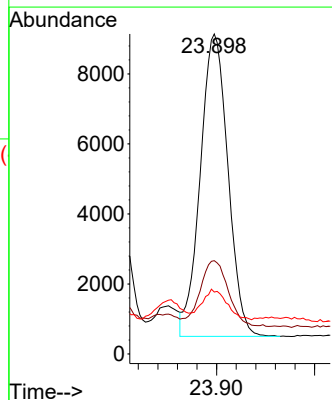
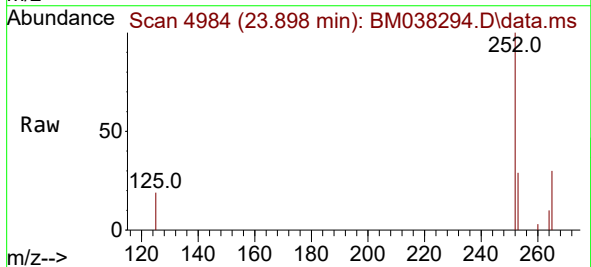


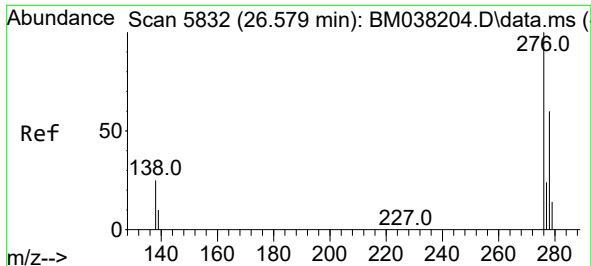
Tgt Ion:252 Resp: 28575
Ion Ratio Lower Upper
252 100
253 27.4 0.0 56.0
125 16.9 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.567 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Tgt Ion:252 Resp: 16928
Ion Ratio Lower Upper
252 100
253 29.2 24.2 36.4
125 19.4 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng/ul

RT: 26.558 min Scan# 5826

Delta R.T. -0.010 min

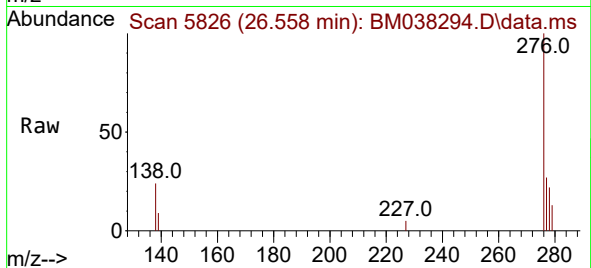
Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

Instrument :

BNA_M

ClientSampleId :



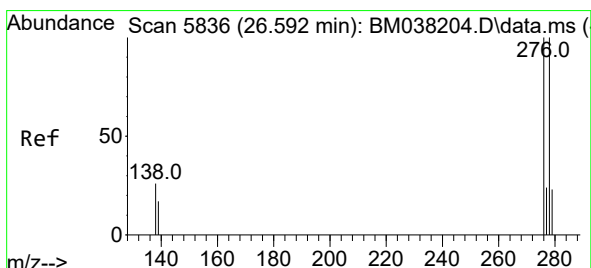
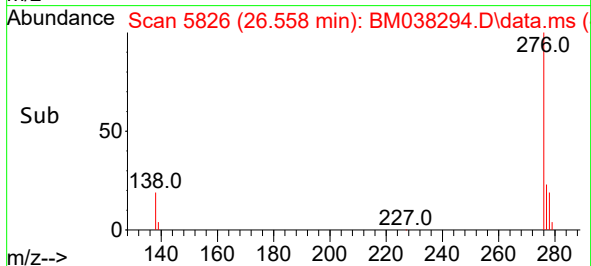
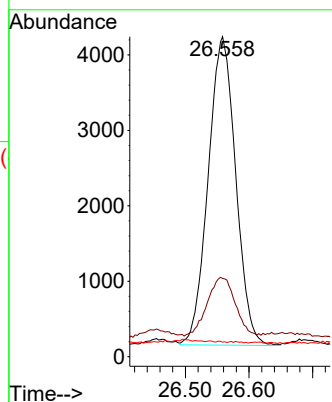
Tgt Ion:276 Resp: 12317

Ion Ratio Lower Upper

276 100

138 19.6 21.7 32.5#

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.095 ng/ul

RT: 26.565 min Scan# 5828

Delta R.T. -0.023 min

Lab File: BM038294.D

Acq: 25 Dec 2022 05:53

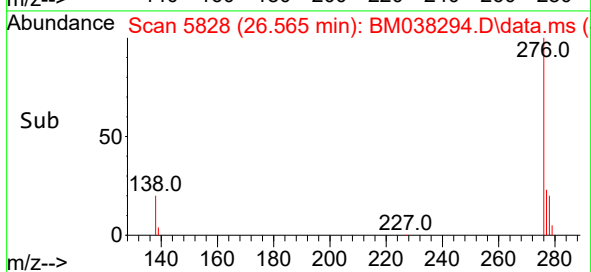
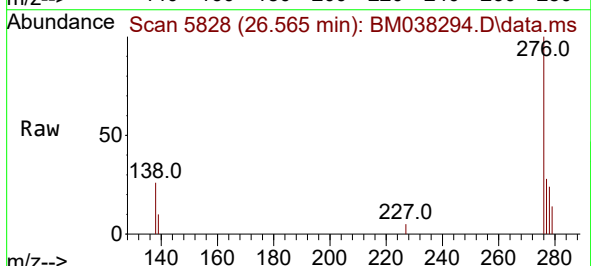
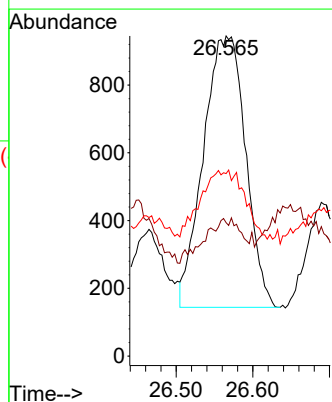
Tgt Ion:278 Resp: 3065

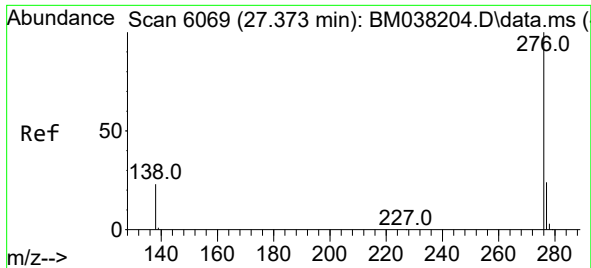
Ion Ratio Lower Upper

278 100

139 41.7 16.8 25.2#

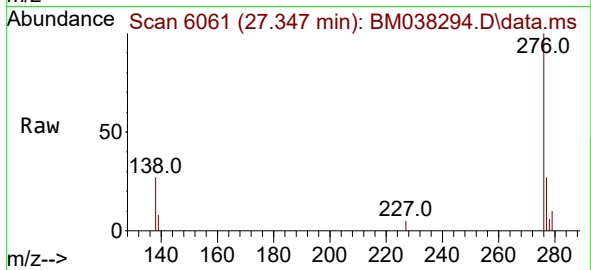
279 57.0 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 27.347 min Scan# 6061
Delta R.T. -0.013 min
Lab File: BM038294.D
Acq: 25 Dec 2022 05:53

Instrument :
BNA_M
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.8	31.2
277	26.8	20.5	30.7

