

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041698.D
 Acq On : 07 Sep 2023 17:03
 Operator : MA/JU
 Sample : 04113-03DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH6DL

Quant Time: Sep 08 02:54:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

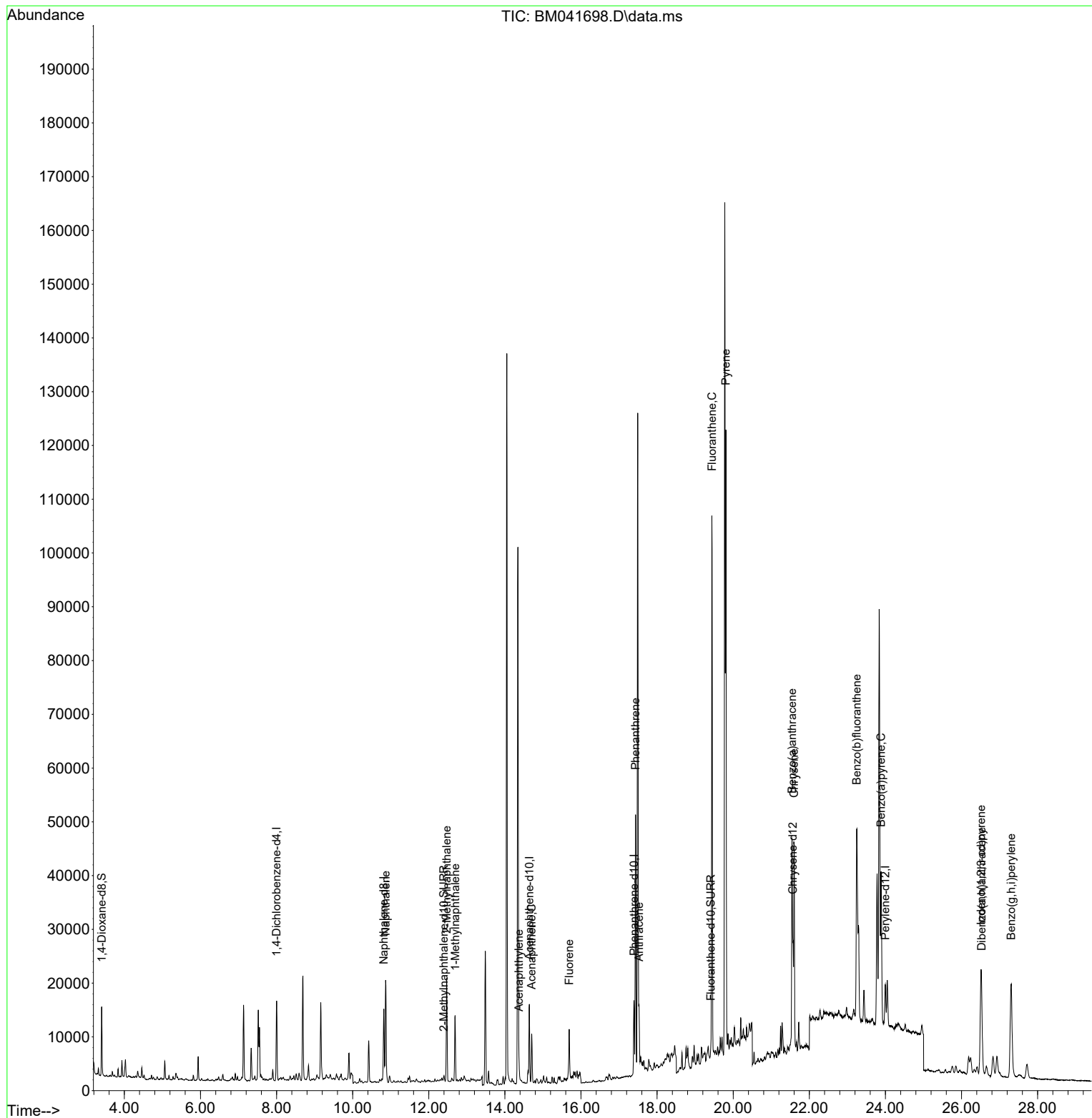
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	17319	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	7567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	14953	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	7749	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	10012	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7088	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	923	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	1368	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	25948	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	13486	0.418	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	8127	0.251	ng/ul	98
10) Acenaphthylene	14.370	152	2687	0.057	ng/ul#	83
11) Acenaphthene	14.703	153	5353	0.147	ng/ul	99
12) Fluorene	15.688	166	6116	0.150	ng/ul	96
15) Phenanthrene	17.434	178	49622	0.786	ng/ul	98
16) Anthracene	17.527	178	10941	0.202	ng/ul#	93
19) Fluoranthene	19.441	202	82135	0.898	ng/ul	98
20) Pyrene	19.808	202	92228	1.015	ng/ul	98
21) Benzo(a)anthracene	21.545	228	32845	0.520	ng/ul#	93
22) Chrysene	21.600	228	42441	0.622	ng/ul#	91
24) Benzo(b)fluoranthene	23.246	252	62699	0.700	ng/ul	88
26) Benzo(a)pyrene	23.886	252	40360	0.554	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.515	276	35475	0.355	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.532	278	8634	0.123	ng/ul#	64
29) Benzo(g,h,i)perylene	27.303	276	39449	0.446	ng/ul	100

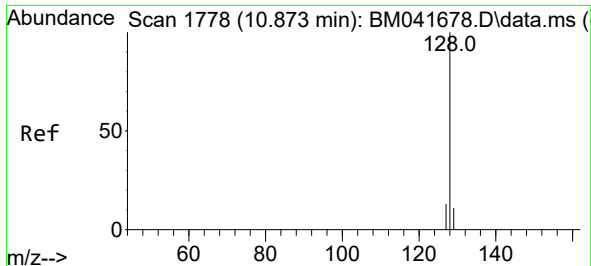
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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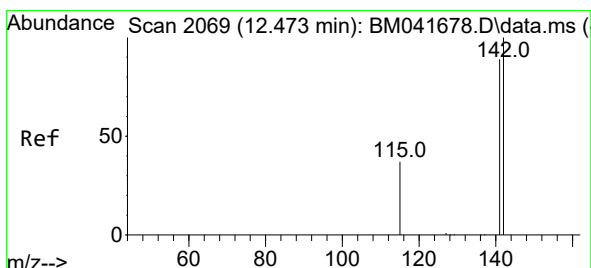
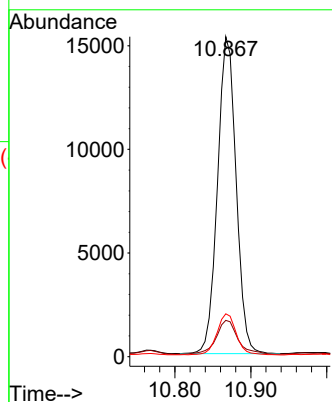
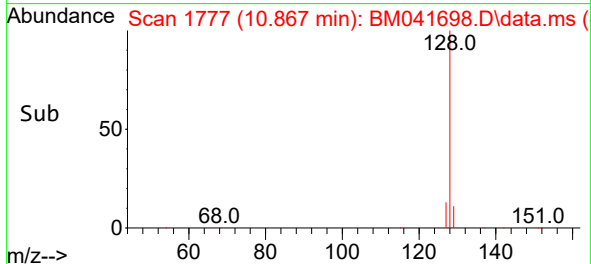
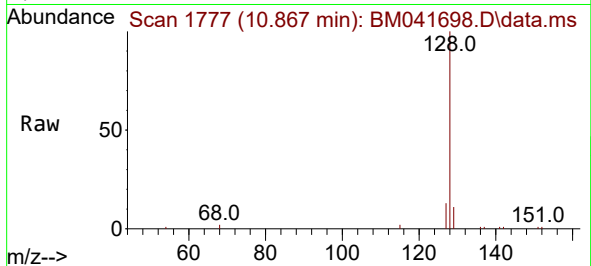




#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.867 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

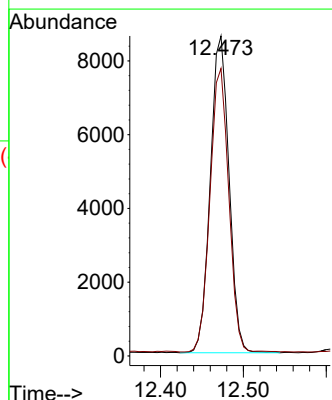
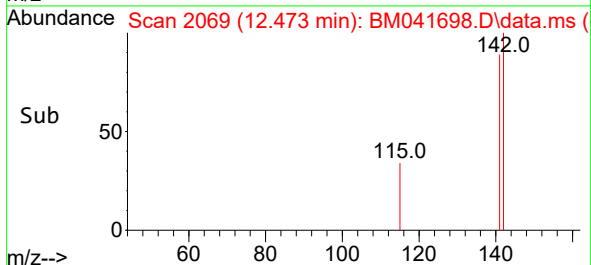
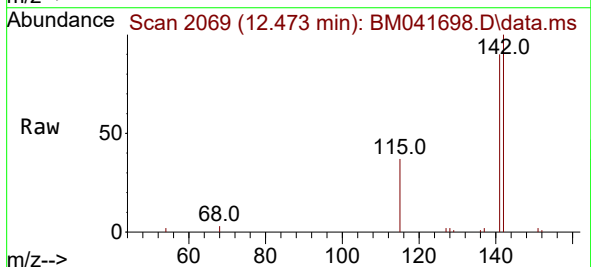
Instrument :
BNA_M
ClientSampleId :
EZYH6DL

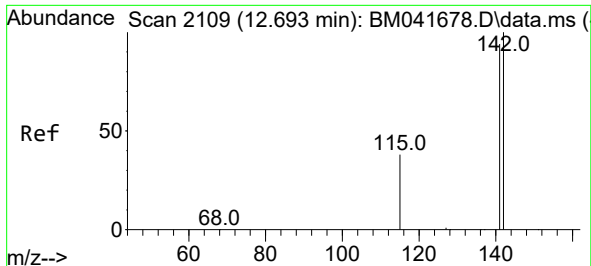
Tgt Ion:128 Resp: 25948
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.4 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:142 Resp: 13486
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2

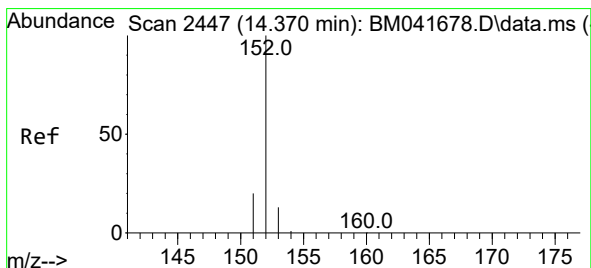
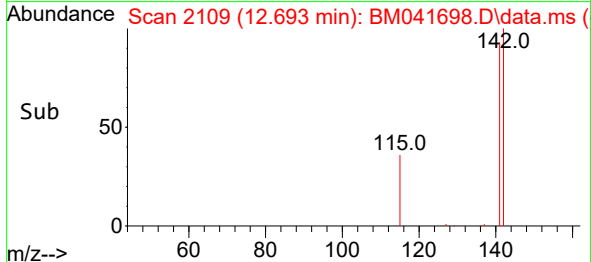
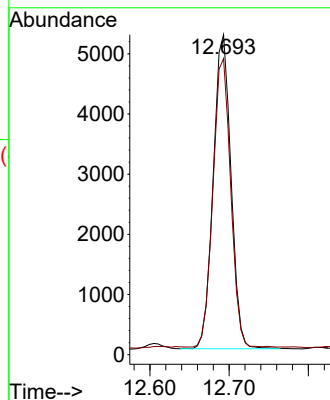
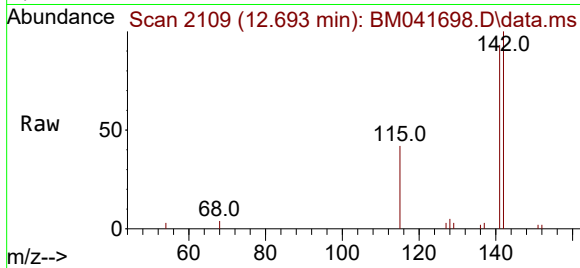




#8
1-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

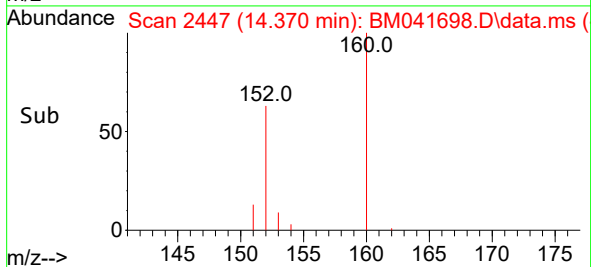
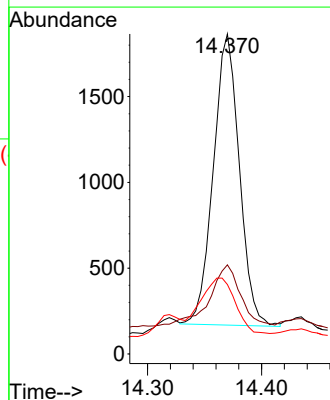
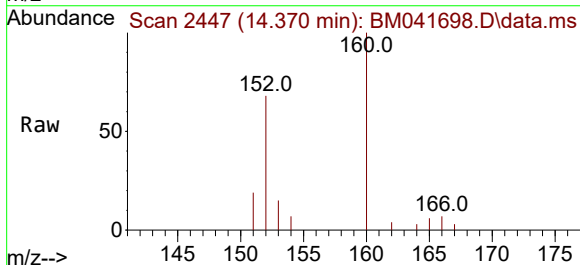
Instrument :
BNA_M
ClientSampleId :
EZYH6DL

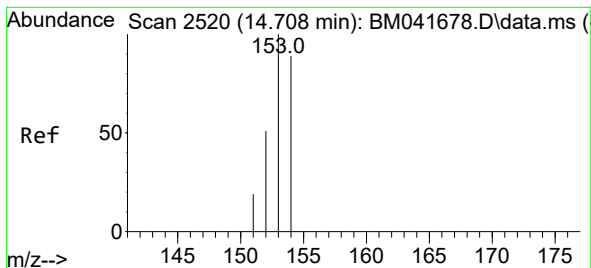
Tgt Ion:142 Resp: 8127
Ion Ratio Lower Upper
142 100
141 91.4 74.4 111.6



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:152 Resp: 2687
Ion Ratio Lower Upper
152 100
151 27.8 16.4 24.6#
153 21.7 11.1 16.7#





#11

Acenaphthene

Concen: 0.147 ng/ul

RT: 14.703 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

Instrument :

BNA_M

ClientSampleId :

EZYH6DL

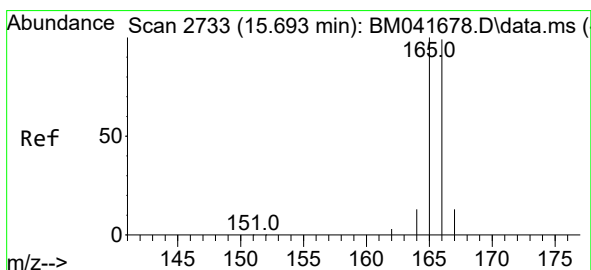
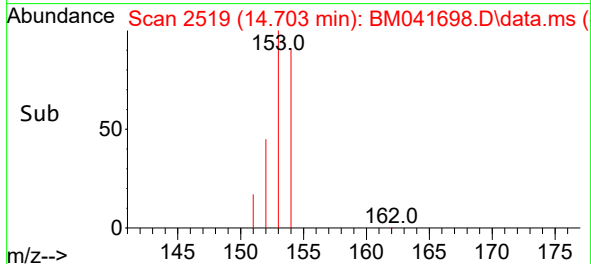
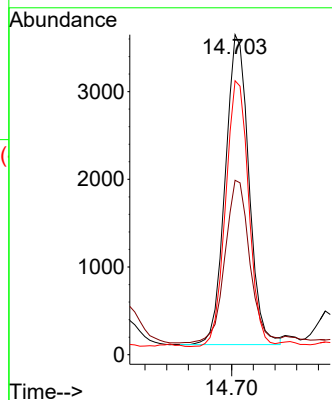
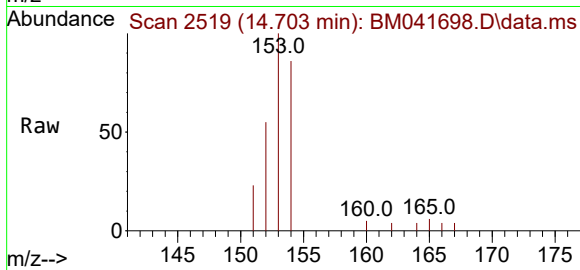
Tgt Ion:153 Resp: 5353

Ion Ratio Lower Upper

153 100

152 54.5 43.4 65.2

154 85.6 69.4 104.0



#12

Fluorene

Concen: 0.150 ng/ul

RT: 15.688 min Scan# 2732

Delta R.T. -0.009 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

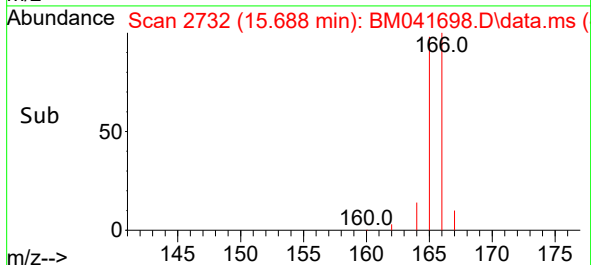
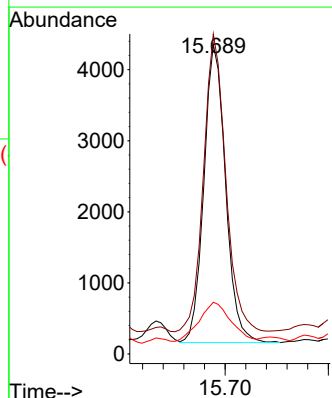
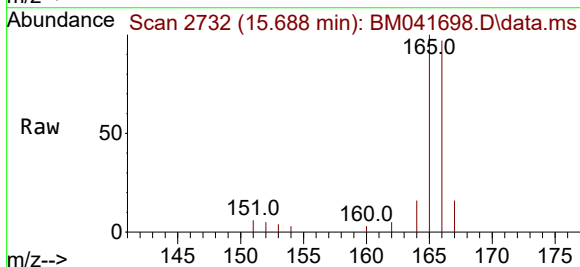
Tgt Ion:166 Resp: 6116

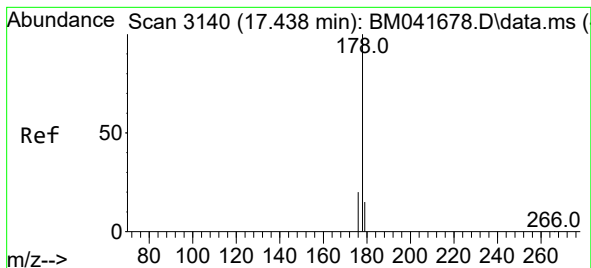
Ion Ratio Lower Upper

166 100

165 103.4 79.4 119.2

167 16.7 11.3 16.9





#15

Phenanthrene

Concen: 0.786 ng/ul

RT: 17.434 min Scan# 3140

Delta R.T. -0.008 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

Instrument :

BNA_M

ClientSampleId :

EZYH6DL

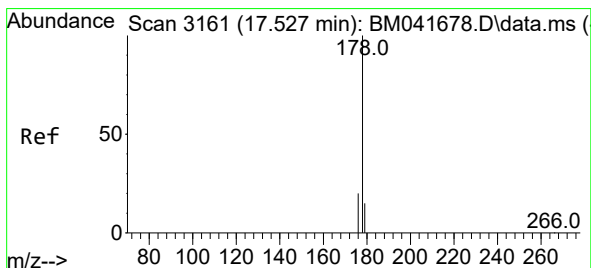
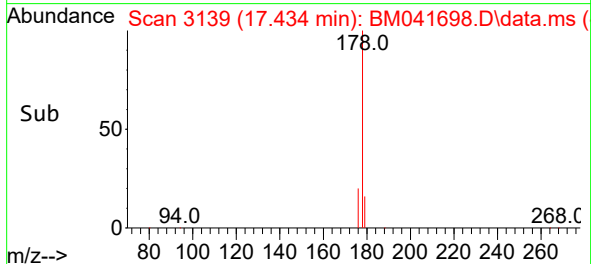
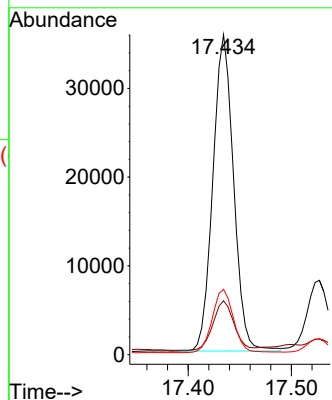
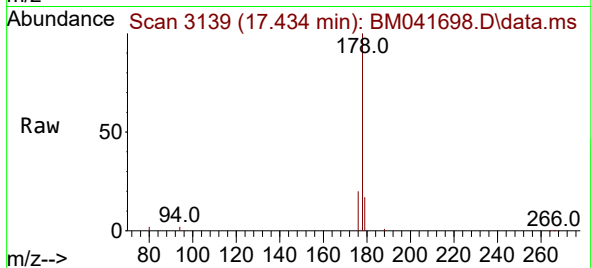
Tgt Ion:178 Resp: 49622

Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

176 20.4 16.9 25.3



#16

Anthracene

Concen: 0.202 ng/ul

RT: 17.527 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

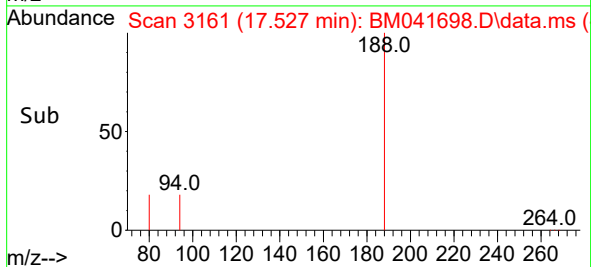
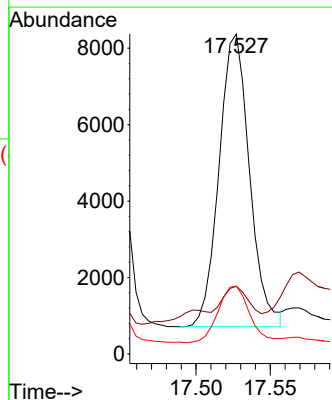
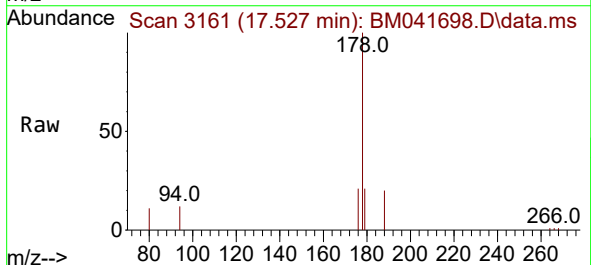
Tgt Ion:178 Resp: 10941

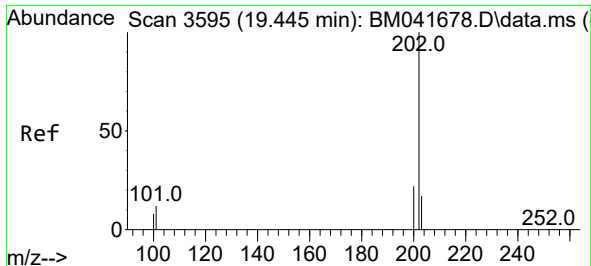
Ion Ratio Lower Upper

178 100

179 21.1 12.9 19.3#

176 21.2 15.8 23.8

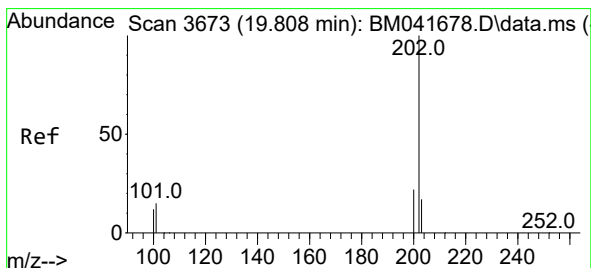
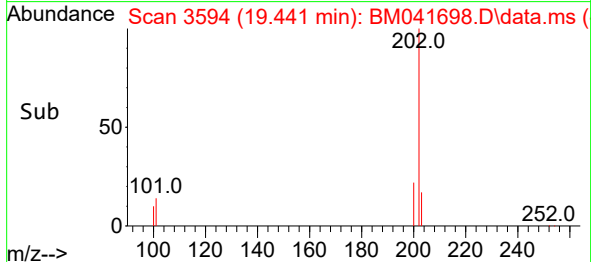
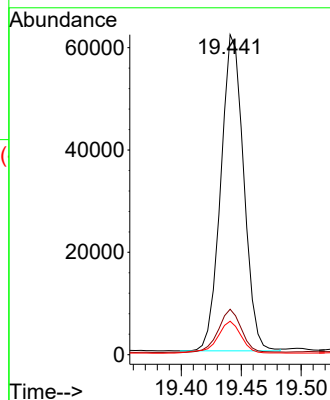
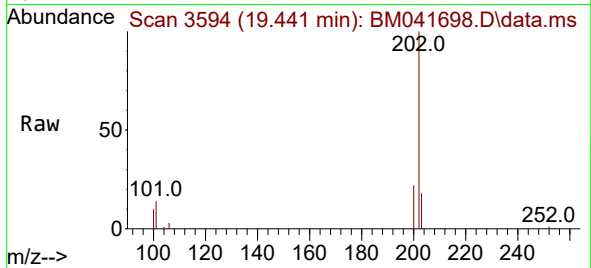




#19
Fluoranthene
Concen: 0.898 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

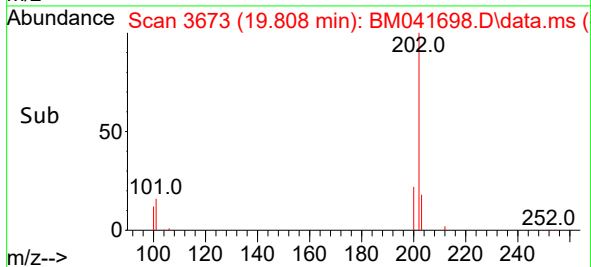
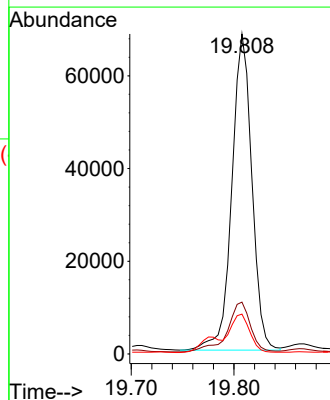
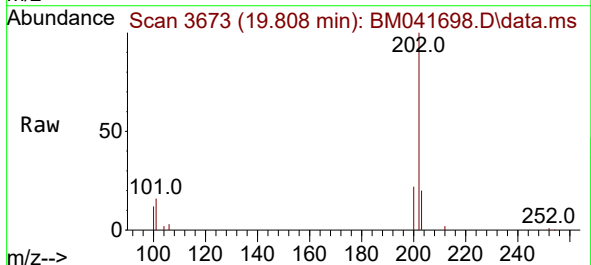
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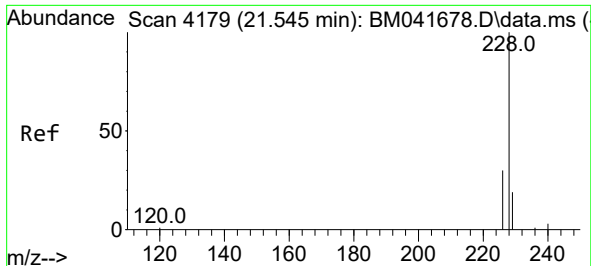
Tgt Ion:202 Resp: 82135
Ion Ratio Lower Upper
202 100
101 14.2 10.5 15.7
100 10.4 8.4 12.6



#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:202 Resp: 92228
Ion Ratio Lower Upper
202 100
101 16.2 11.8 17.8
100 12.5 9.8 14.6

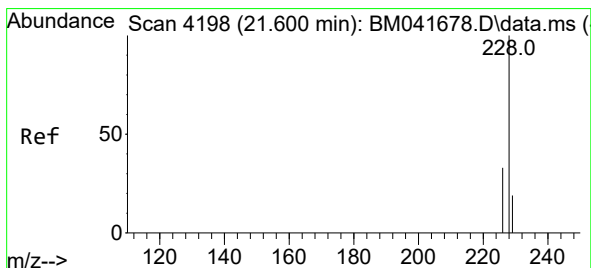
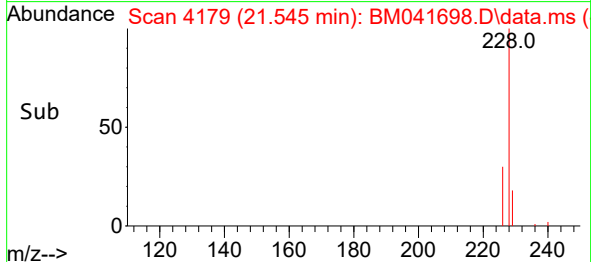
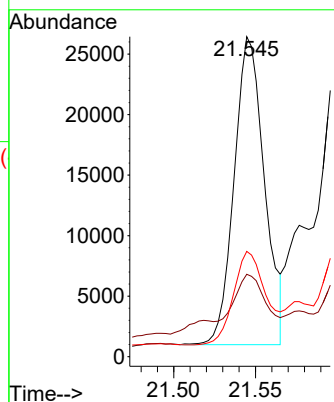
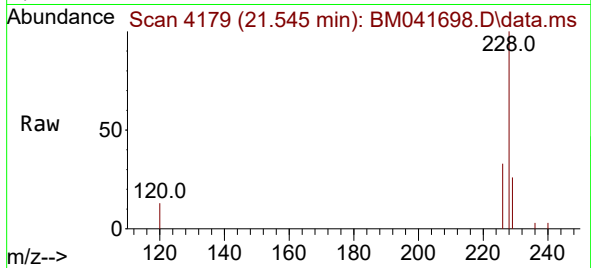




#21
Benzo(a)anthracene
Concen: 0.520 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

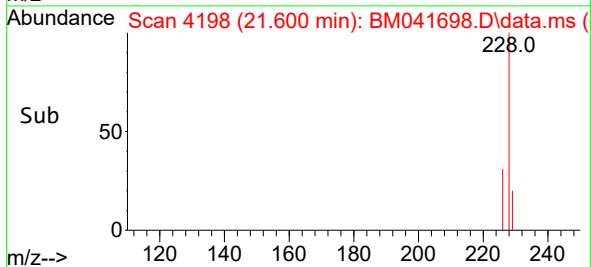
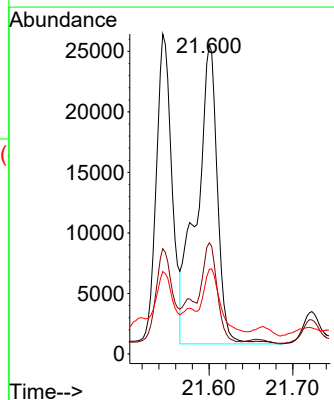
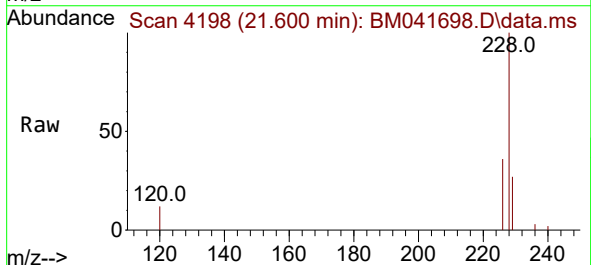
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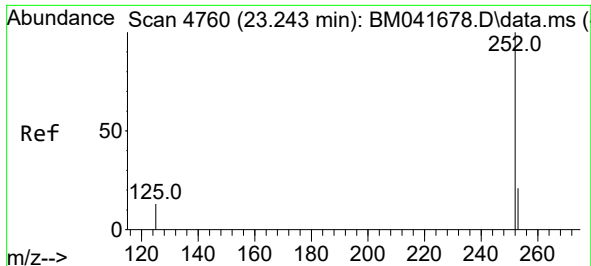
Tgt Ion:228 Resp: 32845
Ion Ratio Lower Upper
228 100
229 25.8 15.8 23.6#
226 32.9 24.8 37.2



#22
Chrysene
Concen: 0.622 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:228 Resp: 42441
Ion Ratio Lower Upper
228 100
226 36.0 27.0 40.6
229 27.4 15.4 23.2#

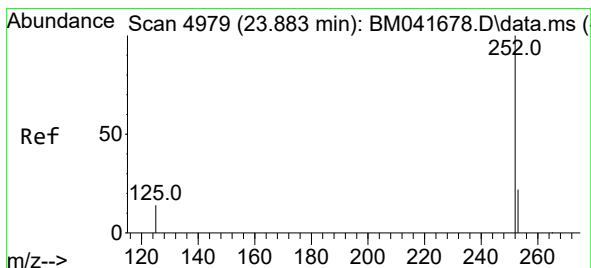
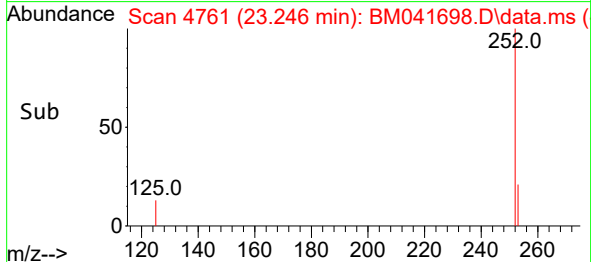
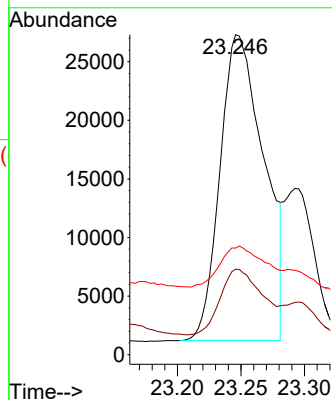
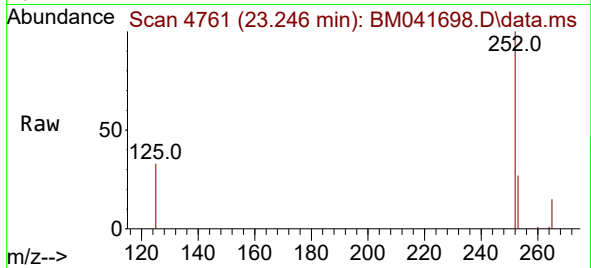




#24
Benzo(b)fluoranthene
Concen: 0.700 ng/ul
RT: 23.246 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

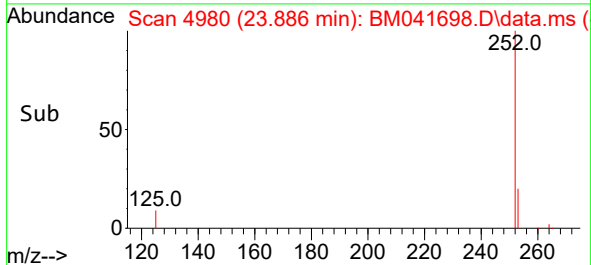
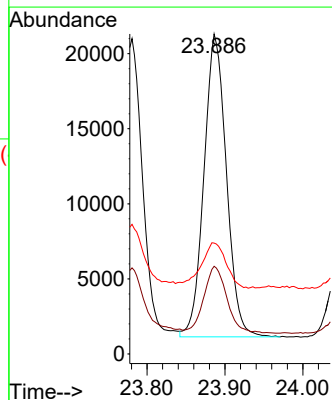
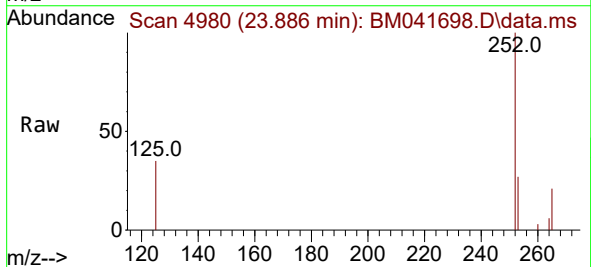
Instrument :
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ClientSampleId :
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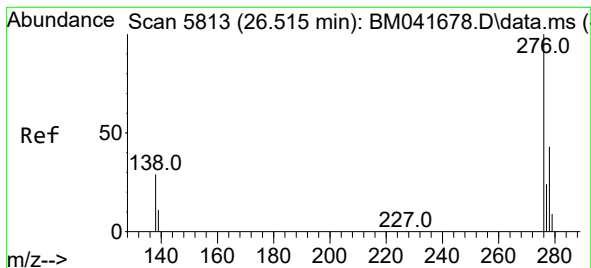
Tgt Ion:252 Resp: 62699
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.4
125 33.3 0.0 42.8



#26
Benzo(a)pyrene
Concen: 0.554 ng/ul
RT: 23.886 min Scan# 4980
Delta R.T. -0.012 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:252 Resp: 40360
Ion Ratio Lower Upper
252 100
253 27.4 22.4 33.6
125 34.6 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 26.515 min Scan# 5813

Delta R.T. -0.017 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

Instrument :

BNA_M

ClientSampleId :

EZYH6DL

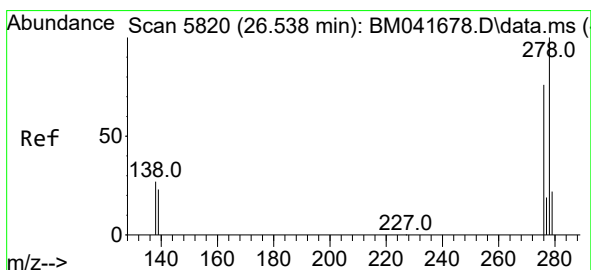
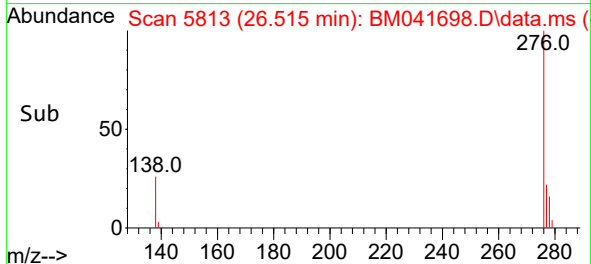
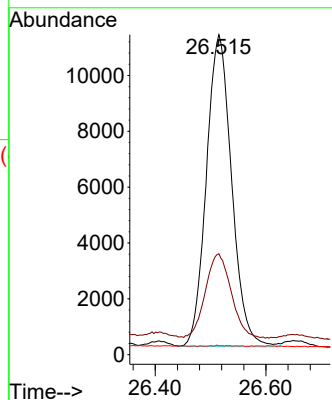
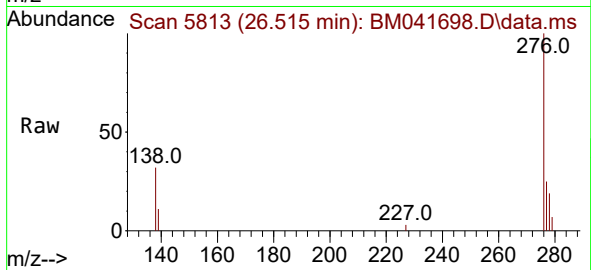
Tgt Ion:276 Resp: 35475

Ion Ratio Lower Upper

276 100

138 27.9 26.4 39.6

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.123 ng/ul

RT: 26.532 min Scan# 5818

Delta R.T. -0.020 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

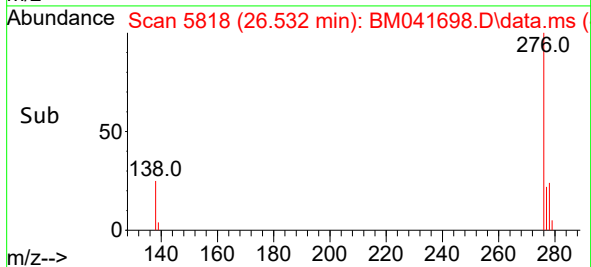
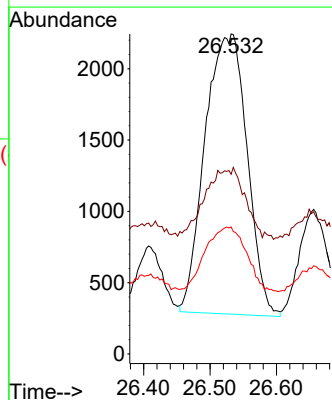
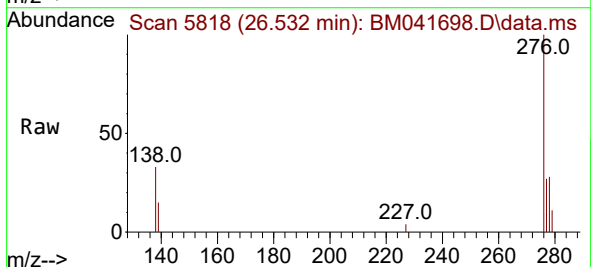
Tgt Ion:278 Resp: 8634

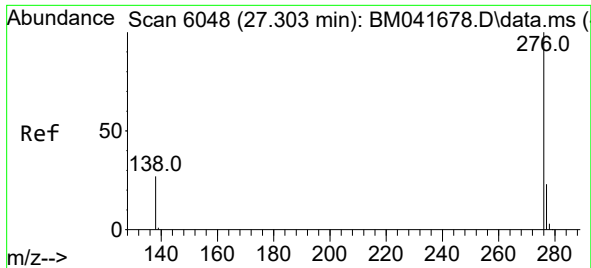
Ion Ratio Lower Upper

278 100

139 56.1 23.0 34.6#

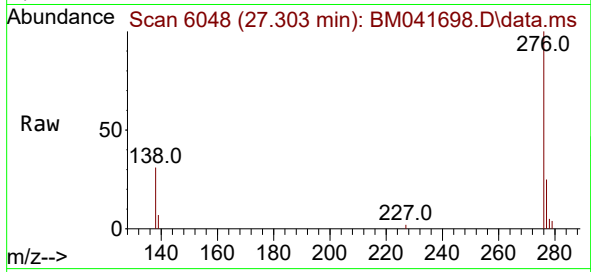
279 39.7 22.9 34.3#





#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.303 min Scan# 6048
Delta R.T. -0.013 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
EZYH6DL



Tgt Ion:	276	Resp:	39449
Ion Ratio	Lower	Upper	
276	100		
138	31.3	25.0	37.4
277	25.3	20.2	30.2

