

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041062.D
 Acq On : 22 Jul 2023 20:03
 Operator : MA/JU
 Sample : 03504-10
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 22:38:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

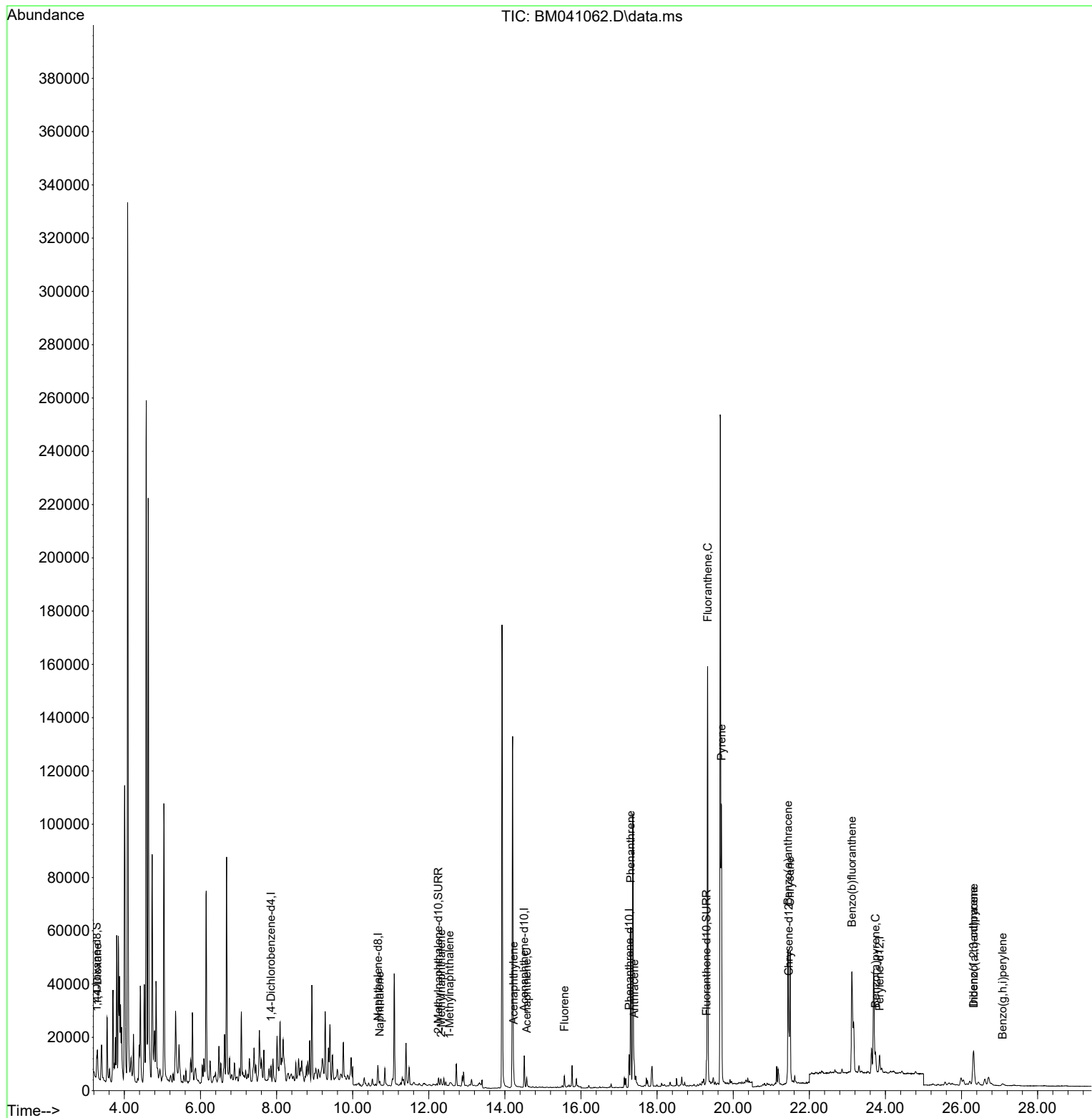
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	2968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	10813	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	6589	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	15580	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	10031	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	8683	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4912	1.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4438	0.308	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	9688	0.230	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	1655	0.322	ng/ul#	1
5) Naphthalene	10.713	128	2169	0.073	ng/ul#	82
7) 2-Methylnaphthalene	12.330	142	658	0.041	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	658	0.038	ng/ul#	80
10) Acenaphthylene	14.231	152	3119	0.113	ng/ul#	88
11) Acenaphthene	14.574	153	2737	0.113	ng/ul	99
12) Fluorene	15.564	166	2811	0.112	ng/ul#	97
15) Phenanthrene	17.308	178	64082	1.376	ng/ul	98
16) Anthracene	17.400	178	6099	0.168	ng/ul	95
19) Fluoranthene	19.329	202	137751	2.660	ng/ul#	92
20) Pyrene	19.692	202	89820	1.698	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	42503	1.391	ng/ul	98
22) Chrysene	21.495	228	52186	1.494	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	65807	1.975	ng/ul	89
26) Benzo(a)pyrene	23.740	252	10064	0.350	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.317	276	22857	0.598	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.320	278	7033	0.243	ng/ul#	87
29) Benzo(g,h,i)perylene	27.078	276	1785	0.051	ng/ul#	51

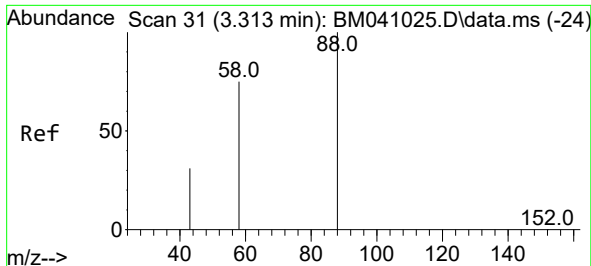
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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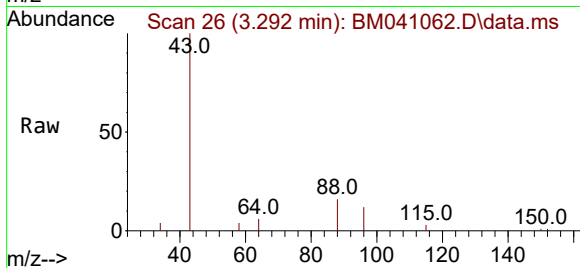
Quant Time: Jul 22 22:38:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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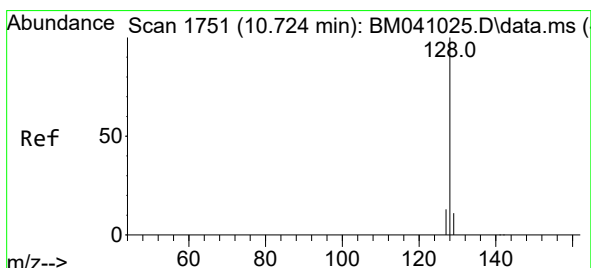
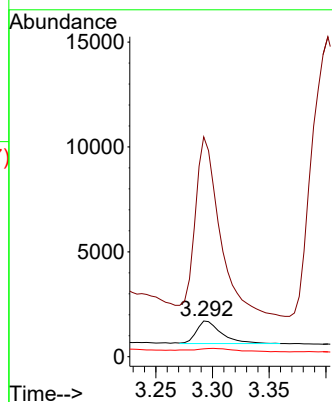
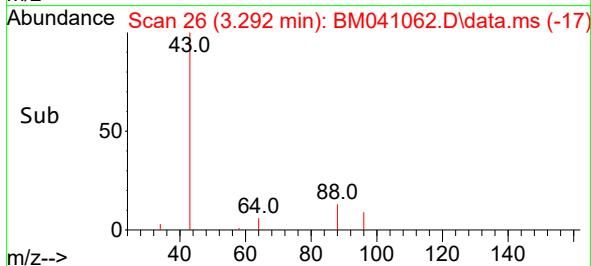


#2
1,4-Dioxane
Concen: 0.322 ng/ul
RT: 3.292 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

Instrument :
BNA_M
ClientSampleId :

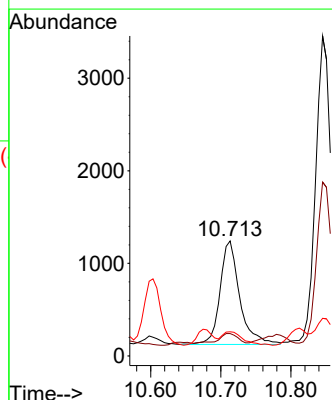
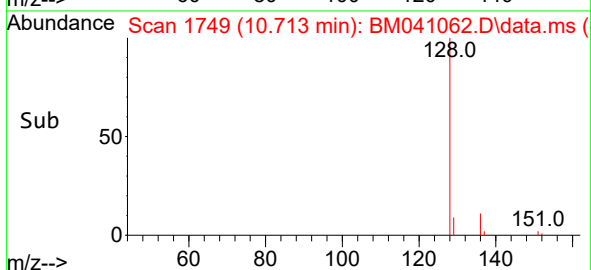
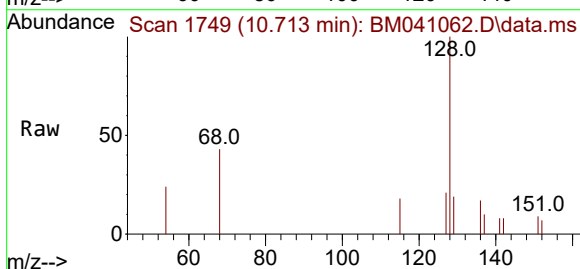


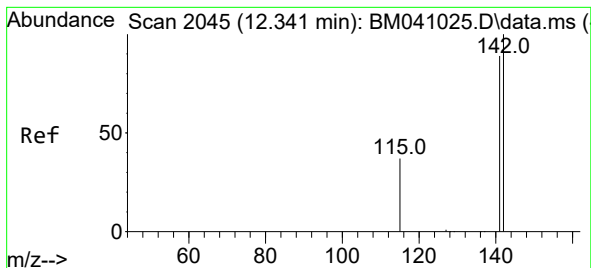
Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
43 615.0 46.7 70.1#
58 22.1 40.3 60.5#



#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

Tgt Ion: 128 Resp: 2169
Ion Ratio Lower Upper
128 100
129 19.5 9.8 14.8#
127 21.0 11.0 16.4#

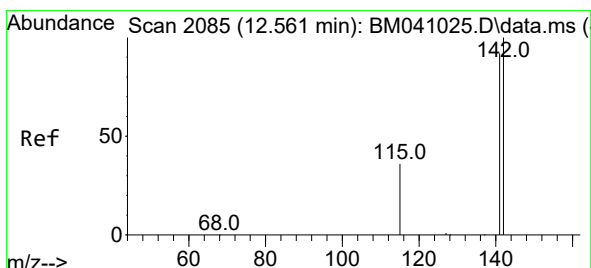
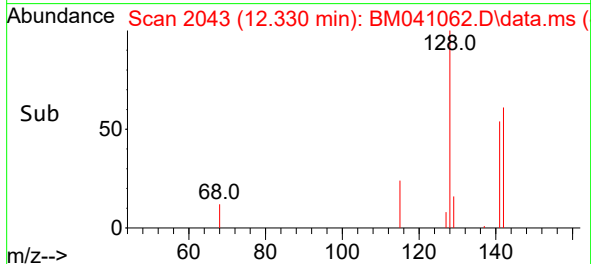
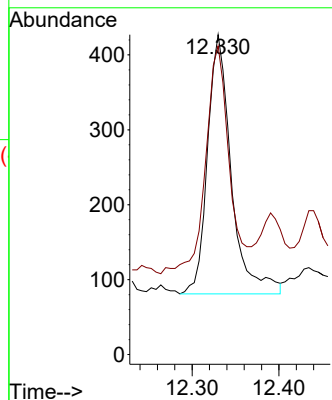
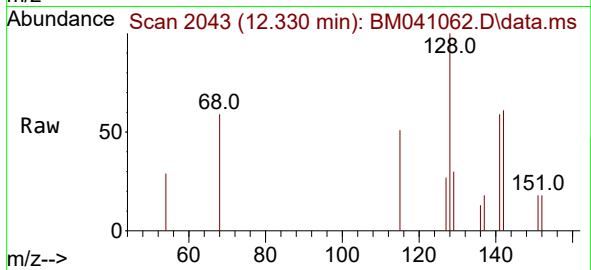




#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

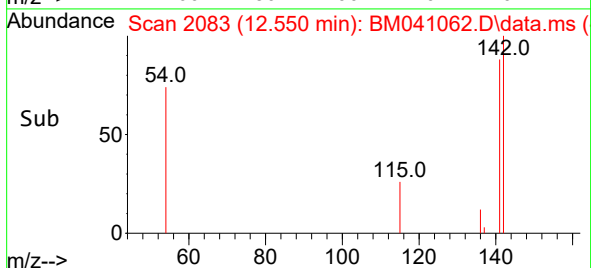
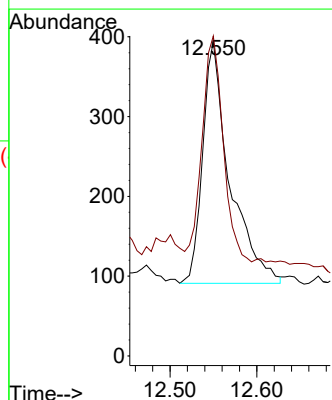
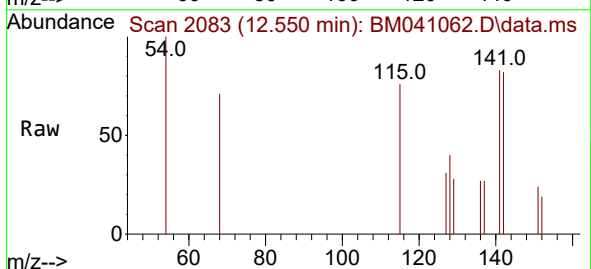
Instrument :
BNA_M
ClientSampleId :

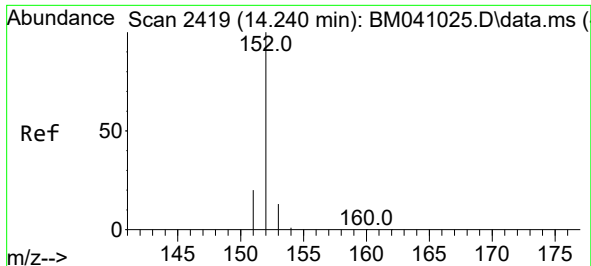
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 87.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 72.5 73.4 110.2#

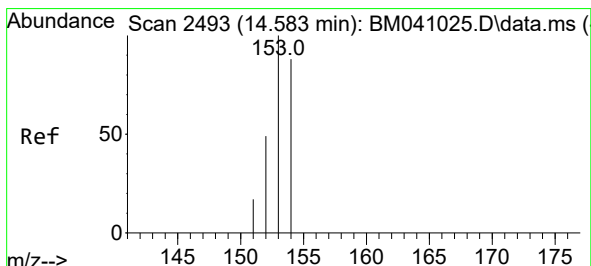
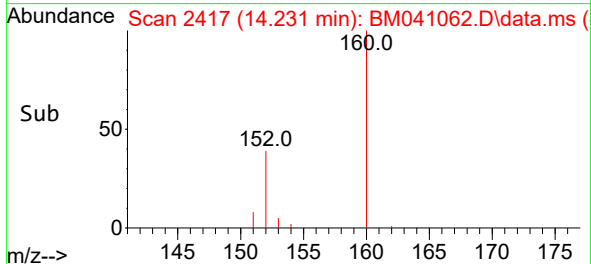
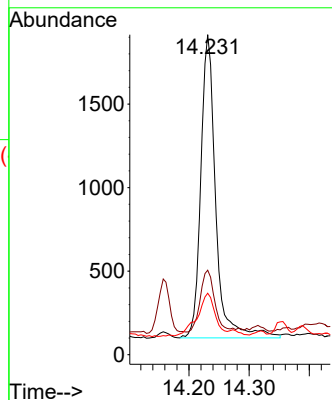
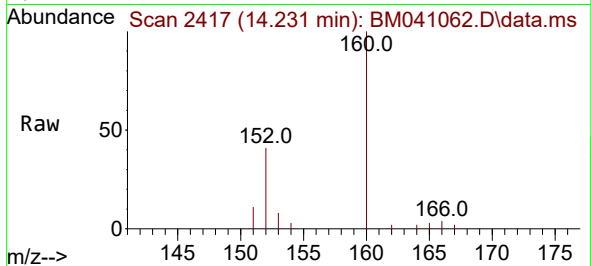




#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

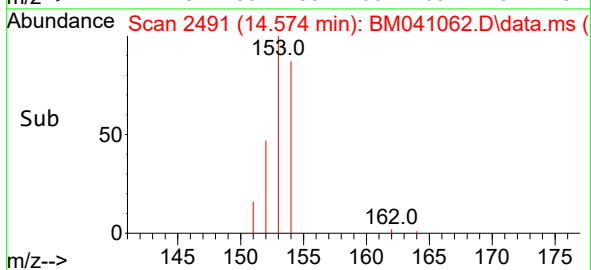
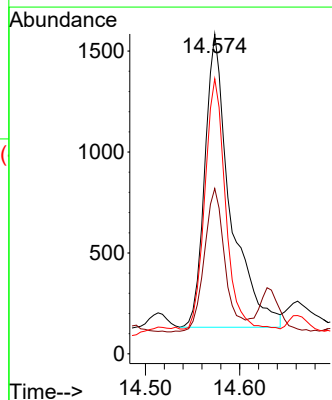
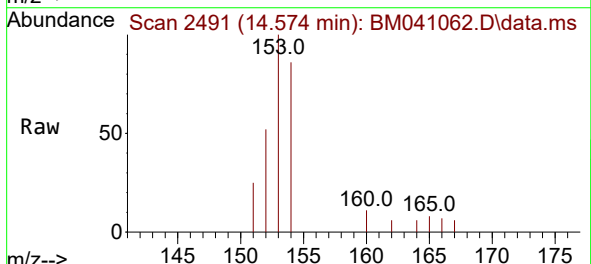
Instrument :
BNA_M
ClientSampleId :

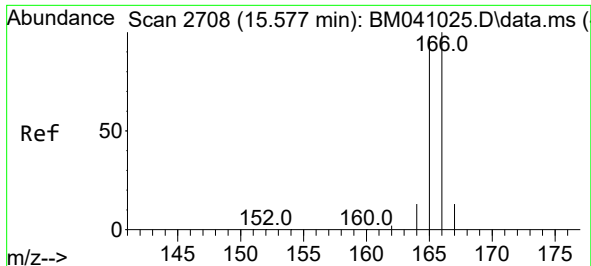
Tgt Ion:152 Resp: 3119
Ion Ratio Lower Upper
152 100
151 26.4 16.8 25.2#
153 19.2 11.6 17.4#



#11
Acenaphthene
Concen: 0.113 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

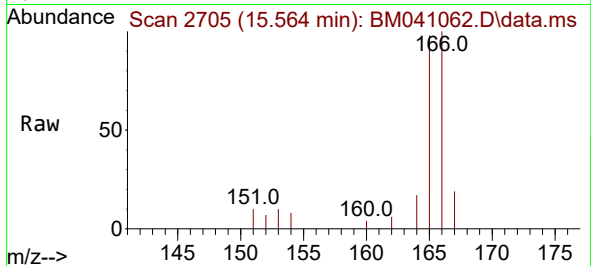
Tgt Ion:153 Resp: 2737
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.6
154 86.0 68.2 102.2



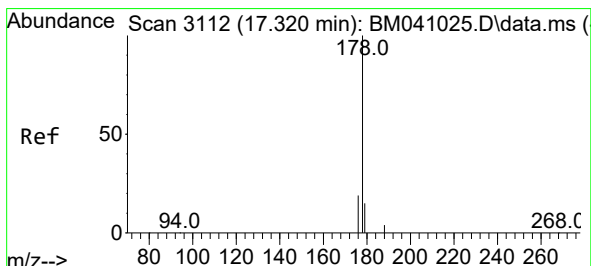
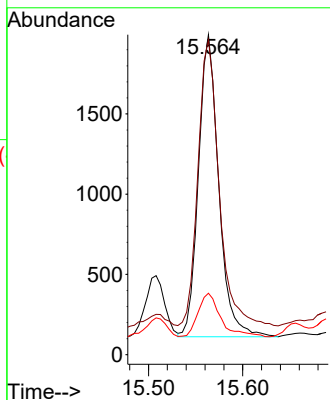
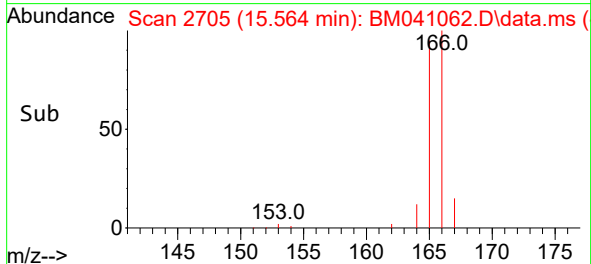


#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.564 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

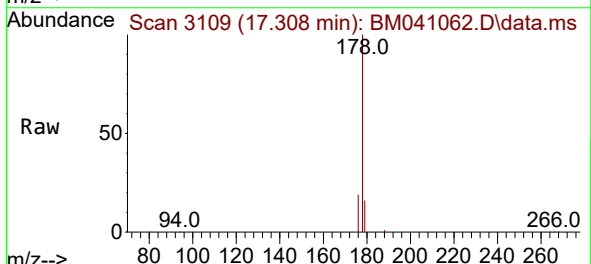
Instrument :
BNA_M
ClientSampleId :



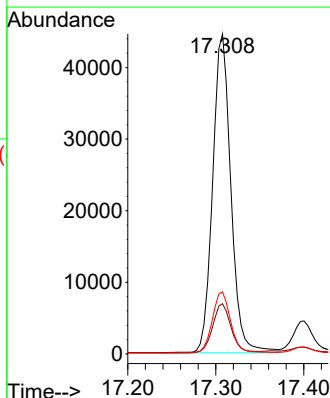
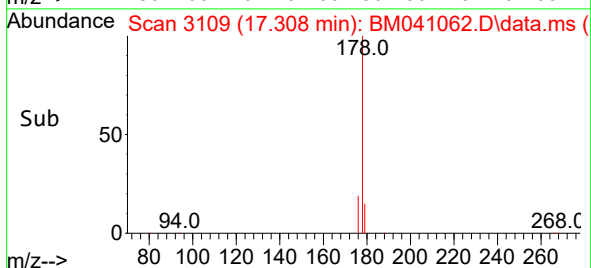
Tgt Ion:166 Resp: 2811
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 19.2 11.7 17.5#

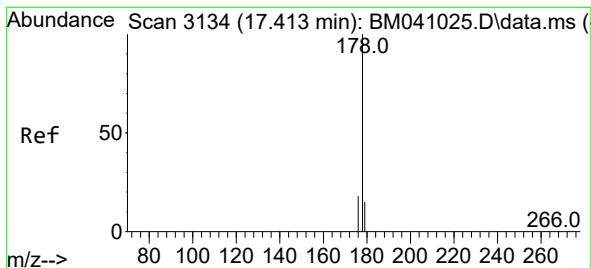


#15
Phenanthrene
Concen: 1.376 ng/ul
RT: 17.308 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03



Tgt Ion:178 Resp: 64082
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 16.2 24.4





#16

Anthracene

Concen: 0.168 ng/ul

RT: 17.400 min Scan# 3134

Delta R.T. -0.008 min

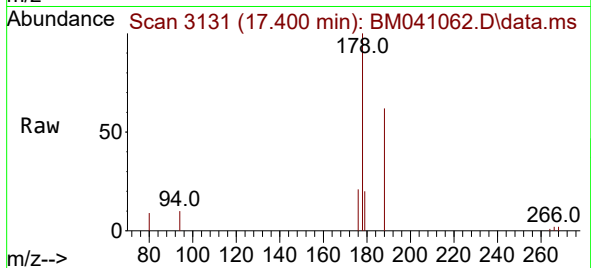
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Acq: 22 Jul 2023 20:03

Instrument :

BNA_M

ClientSampleId :



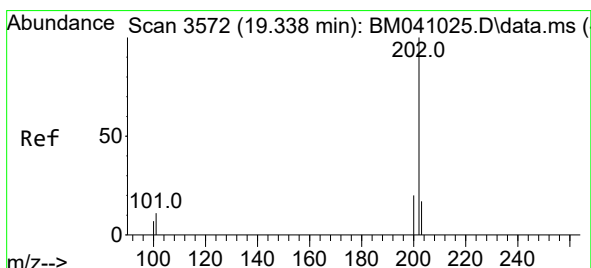
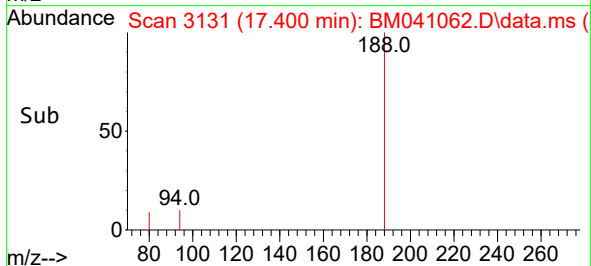
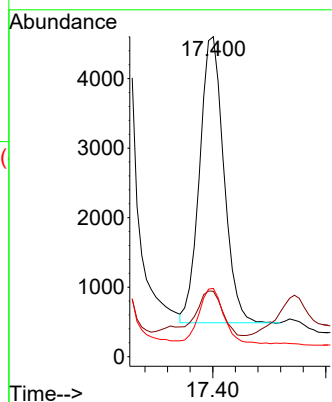
Tgt Ion:178 Resp: 6099

Ion Ratio Lower Upper

178 100

179 20.4 13.7 20.5

176 21.4 16.4 24.6



#19

Fluoranthene

Concen: 2.660 ng/ul

RT: 19.329 min Scan# 3570

Delta R.T. -0.004 min

Lab File: BM041062.D

Acq: 22 Jul 2023 20:03

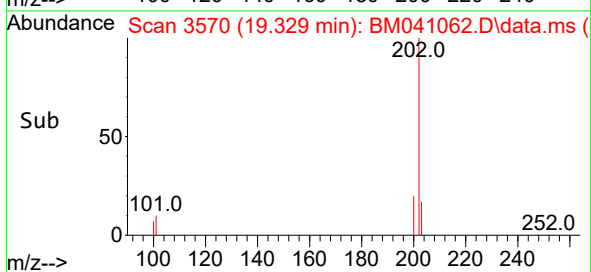
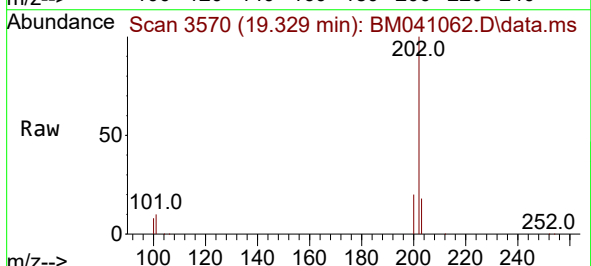
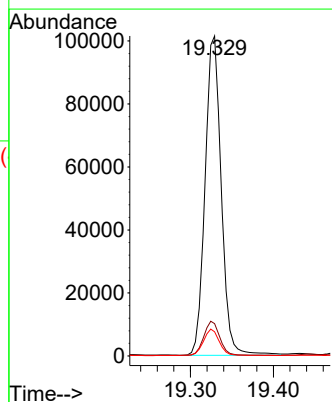
Tgt Ion:202 Resp: 137751

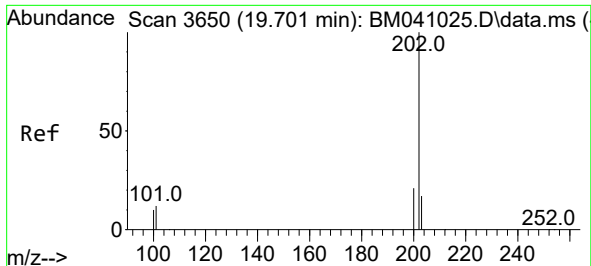
Ion Ratio Lower Upper

202 100

101 10.1 11.0 16.4#

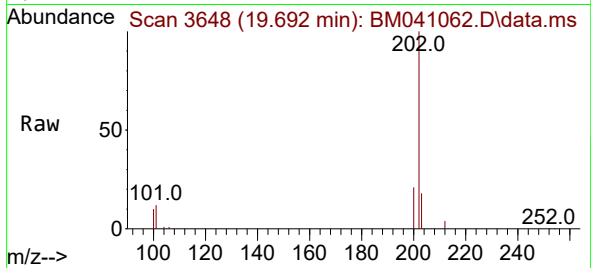
100 7.6 8.3 12.5#



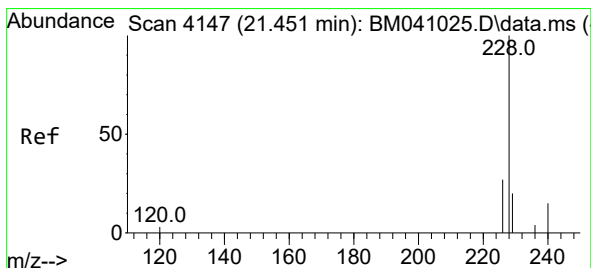
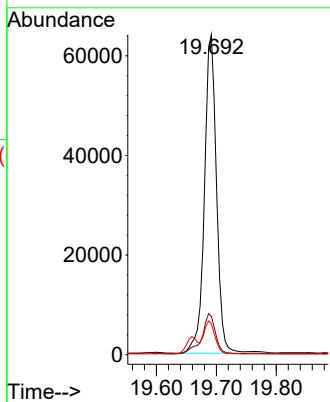
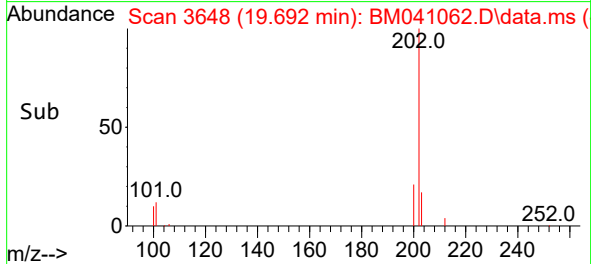


#20
 Pyrene
 Concen: 1.698 ng/ul
 RT: 19.692 min Scan# 3648
 Delta R.T. -0.004 min
 Lab File: BM041062.D
 Acq: 22 Jul 2023 20:03

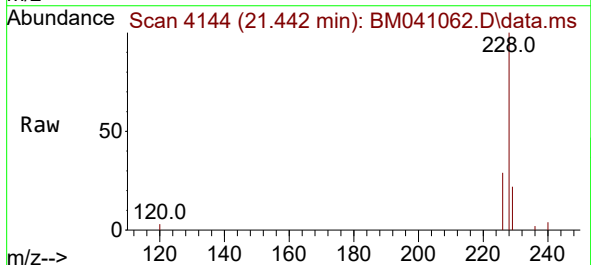
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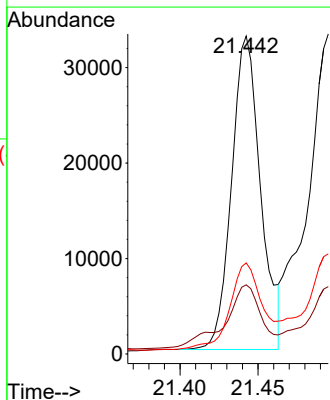
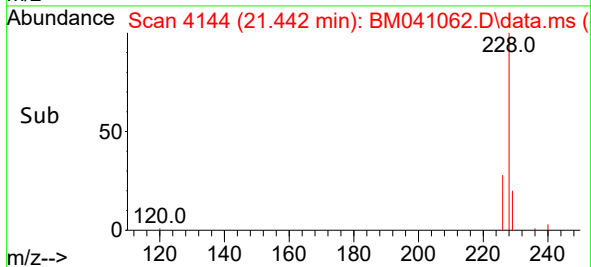
Tgt Ion:202 Resp: 89820
 Ion Ratio Lower Upper
 202 100
 101 12.0 12.5 18.7#
 100 9.7 10.0 15.0#

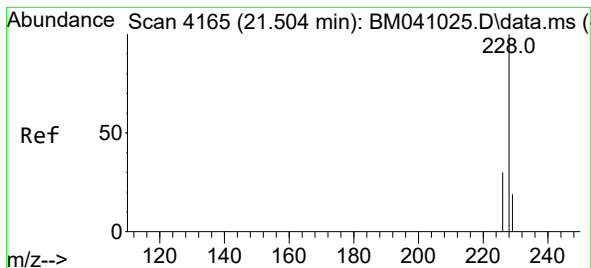


#21
 Benzo(a)anthracene
 Concen: 1.391 ng/ul
 RT: 21.442 min Scan# 4144
 Delta R.T. -0.006 min
 Lab File: BM041062.D
 Acq: 22 Jul 2023 20:03



Tgt Ion:228 Resp: 42503
 Ion Ratio Lower Upper
 228 100
 229 21.8 16.2 24.4
 226 28.6 22.3 33.5





#22

Chrysene

Concen: 1.494 ng/ul

RT: 21.495 min Scan# 41

Delta R.T. -0.006 min

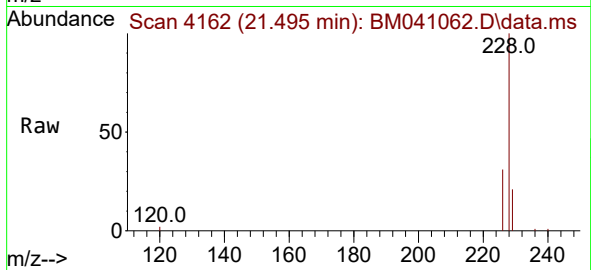
Lab File: BM041062.D

Acq: 22 Jul 2023 20:03

Instrument :

BNA_M

ClientSampleId :



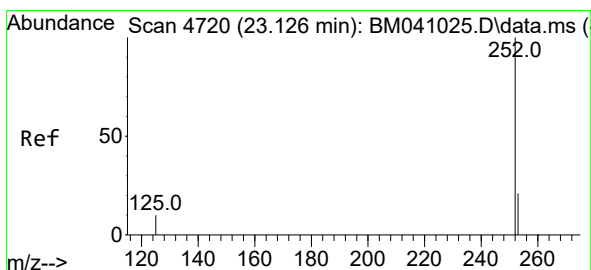
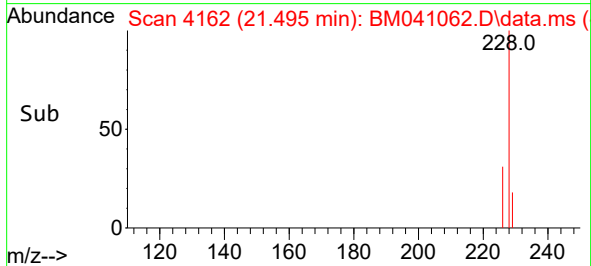
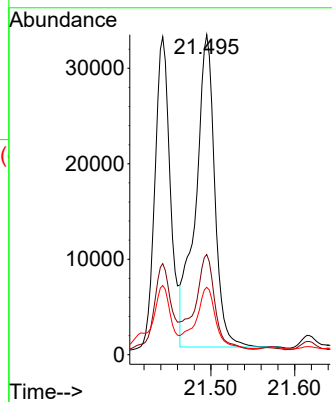
Tgt Ion:228 Resp: 52186

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

229 21.0 16.1 24.1



#24

Benzo(b)fluoranthene

Concen: 1.975 ng/ul

RT: 23.120 min Scan# 4718

Delta R.T. -0.006 min

Lab File: BM041062.D

Acq: 22 Jul 2023 20:03

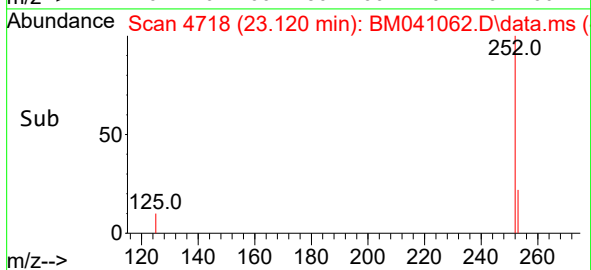
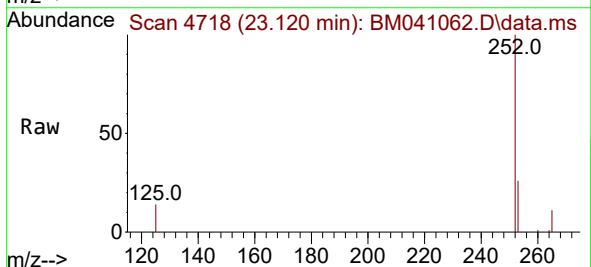
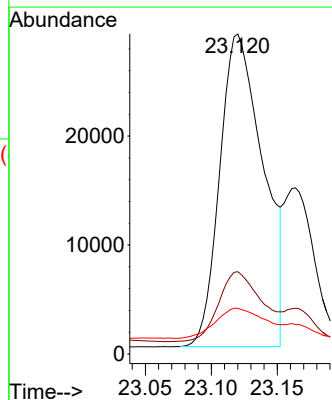
Tgt Ion:252 Resp: 65807

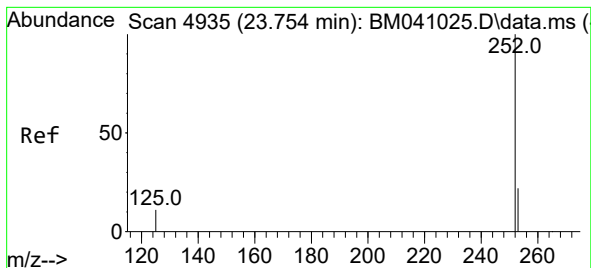
Ion Ratio Lower Upper

252 100

253 25.7 0.0 57.4

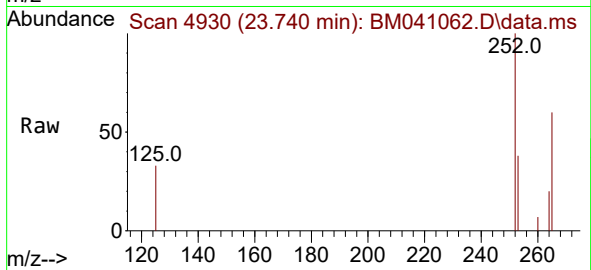
125 14.2 0.0 45.2



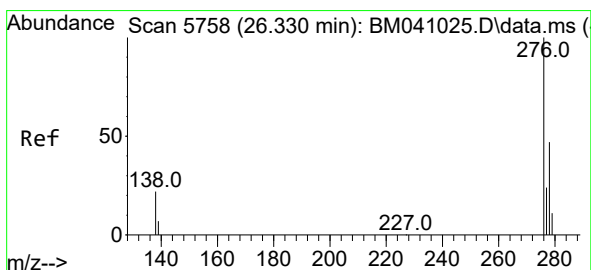
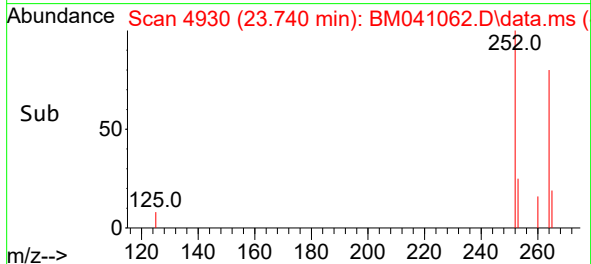
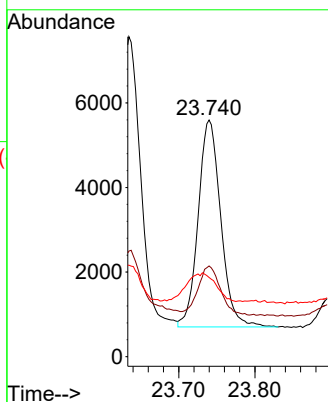


#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.740 min Scan# 4935
Delta R.T. -0.009 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

Instrument :
BNA_M
ClientSampleId :

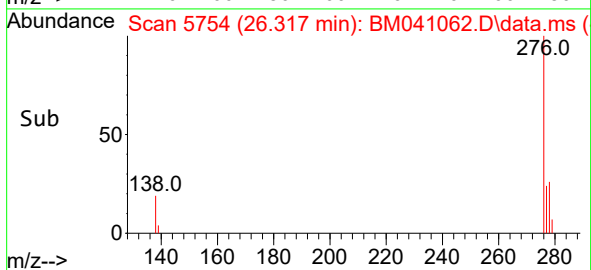
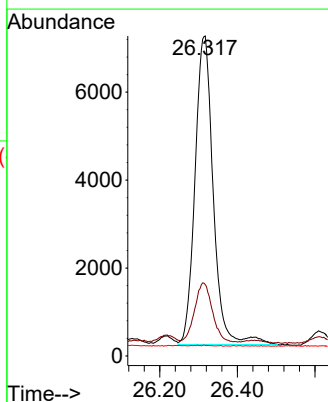
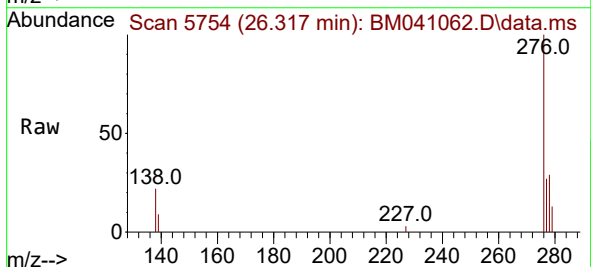


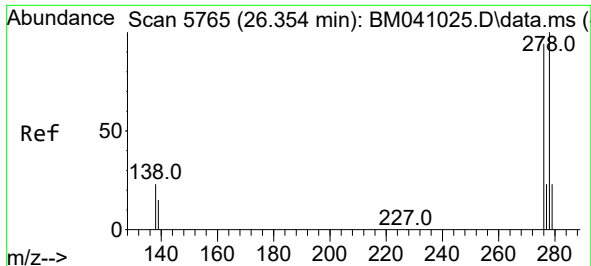
Tgt Ion:252 Resp: 10064
Ion Ratio Lower Upper
252 100
253 38.3 28.2 42.2
125 33.5 25.2 37.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.598 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. -0.010 min
Lab File: BM041062.D
Acq: 22 Jul 2023 20:03

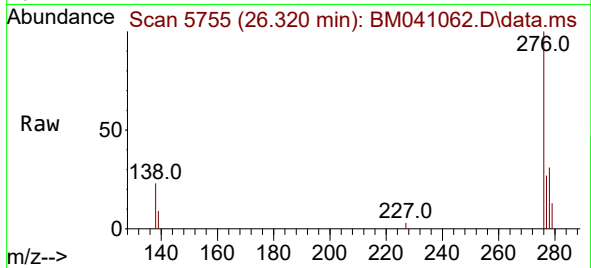
Tgt Ion:276 Resp: 22857
Ion Ratio Lower Upper
276 100
138 18.8 22.3 33.5#
227 0.1 0.0 0.0#



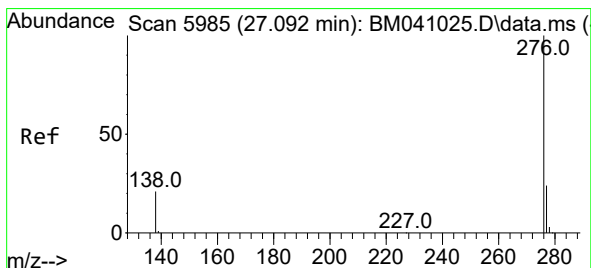
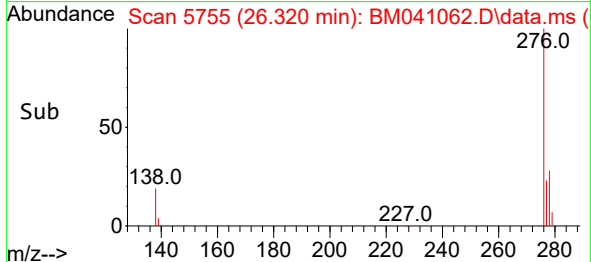
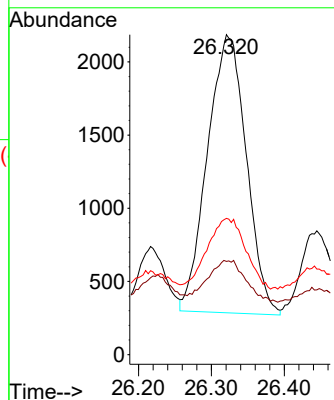


#28
 Dibenzo(a,h)anthracene
 Concen: 0.243 ng/ul
 RT: 26.320 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BM041062.D
 Acq: 22 Jul 2023 20:03

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 7033
 Ion Ratio Lower Upper
 278 100
 139 29.1 19.2 28.8#
 279 42.6 27.0 40.6#



#29
 Benzo(g,h,i)perylene
 Concen: 0.051 ng/ul
 RT: 27.078 min Scan# 5981
 Delta R.T. -0.007 min
 Lab File: BM041062.D
 Acq: 22 Jul 2023 20:03

Tgt Ion:276 Resp: 1785
 Ion Ratio Lower Upper
 276 100
 138 52.9 22.6 34.0#
 277 53.5 21.2 31.8#

