

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042161.D
 Acq On : 03 Oct 2023 13:22
 Operator : MA/JU
 Sample : 04588-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJM6

Quant Time: Oct 03 13:52:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

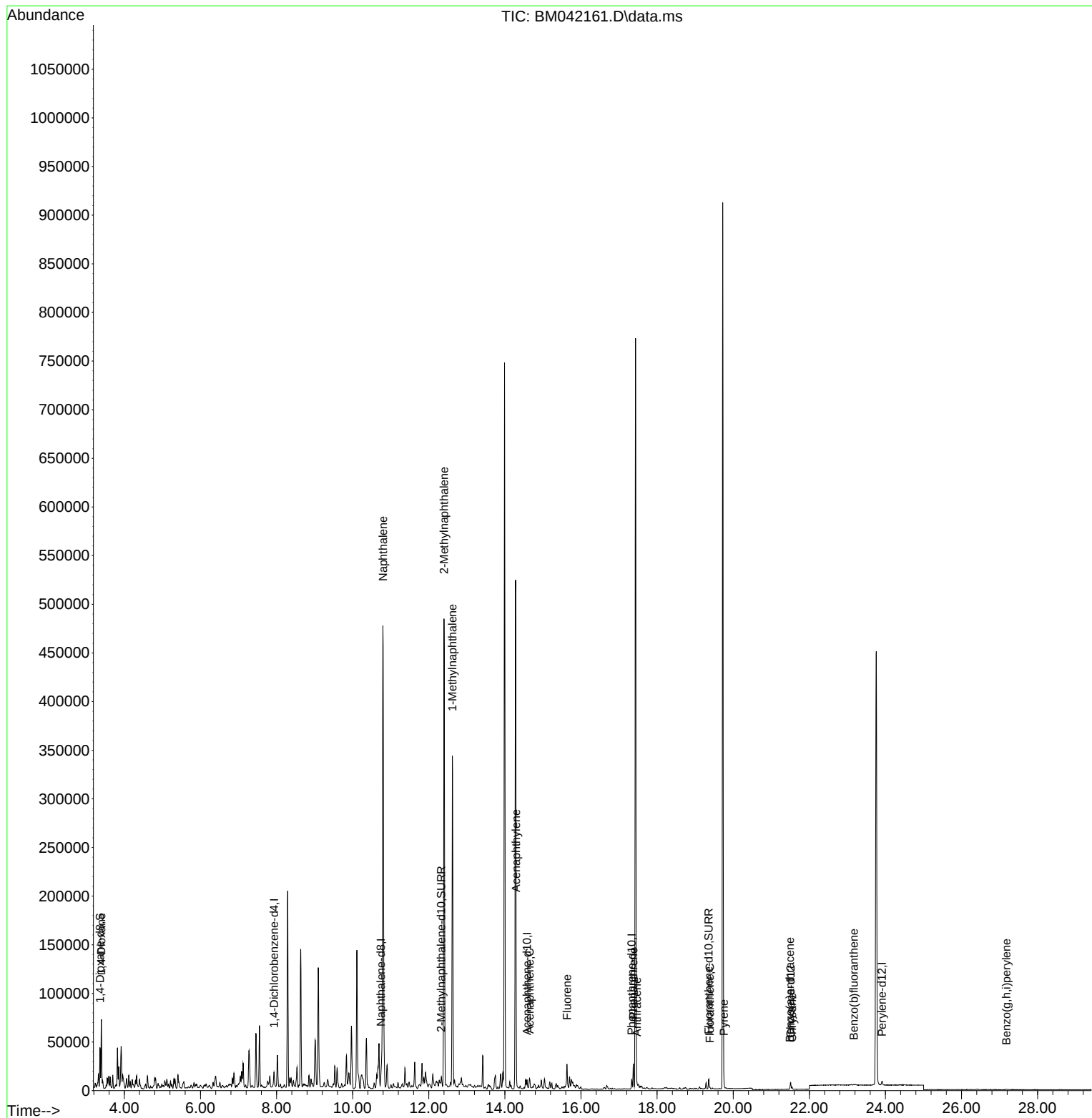
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3814	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.746	136	9095	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	4314	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.333	188	10013	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.510	240	5190	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	5887	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	21488	4.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4211	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	8463	0.434	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	39404	7.429	ng/ul#	80
5) Naphthalene	10.796	128	661715	21.808	ng/ul	98
7) 2-Methylnaphthalene	12.401	142	328751	18.096	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	226601	12.382	ng/ul	99
10) Acenaphthylene	14.296	152	1884	0.069	ng/ul#	1
11) Acenaphthene	14.648	153	5922	0.287	ng/ul#	88
12) Fluorene	15.633	166	15344	0.660	ng/ul	98
15) Phenanthrene	17.375	178	27936	0.677	ng/ul	99
16) Anthracene	17.468	178	932	0.025	ng/ul#	66
19) Fluoranthene	19.389	202	1606	0.041	ng/ul#	74
20) Pyrene	19.757	202	3404	0.081	ng/ul#	87
21) Benzo(a)anthracene	21.492	228	1884	0.056	ng/ul#	80
22) Chrysene	21.545	228	2415	0.074	ng/ul#	80
24) Benzo(b)fluoranthene	23.173	252	982	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.179	276	775	0.022	ng/ul#	27

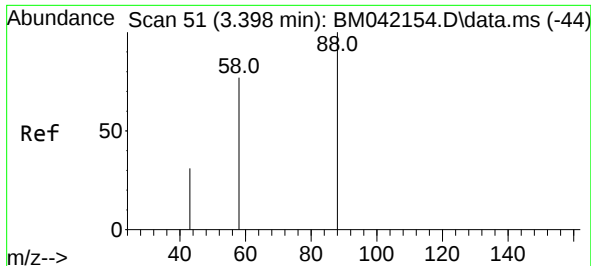
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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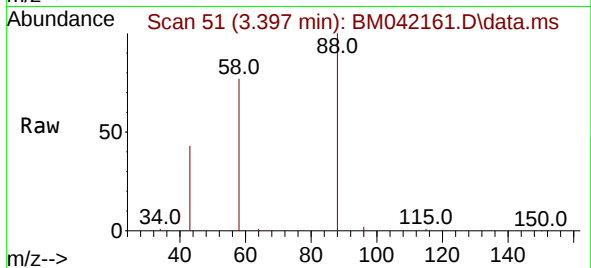
Quant Time: Oct 03 13:52:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
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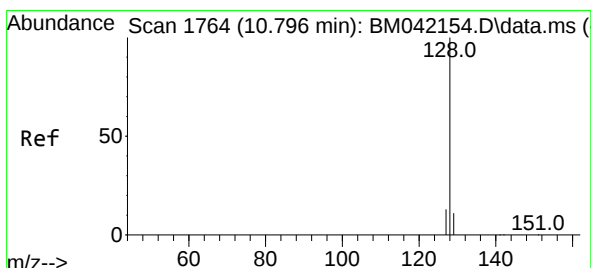
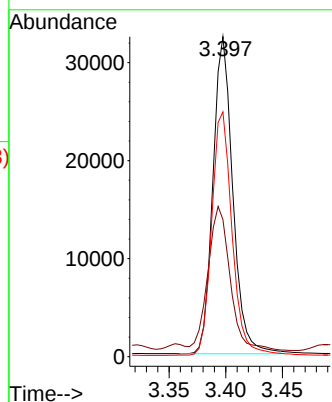
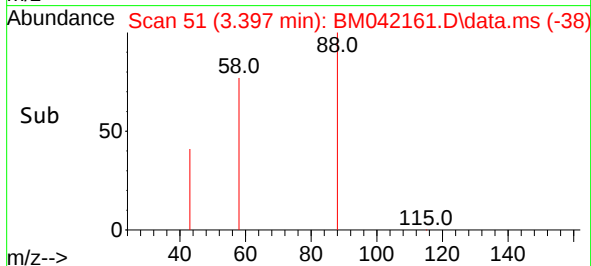


#2
1,4-Dioxane
Concen: 7.429 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

Instrument :
BNA_M
ClientSampleId :
BBJM6

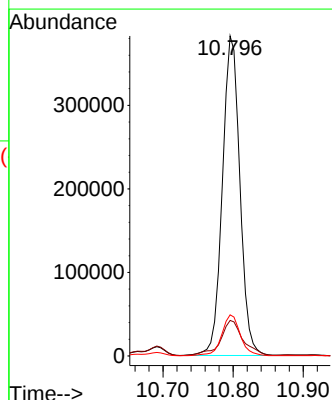
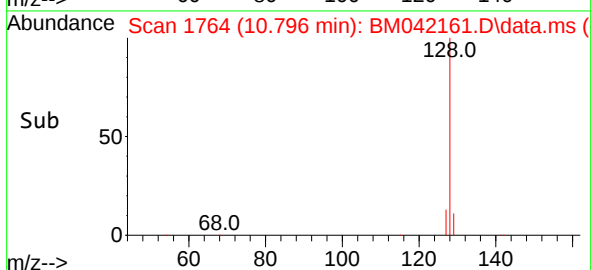
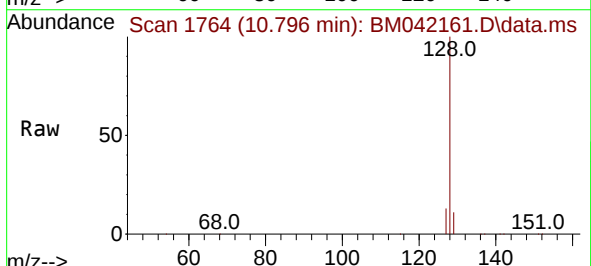


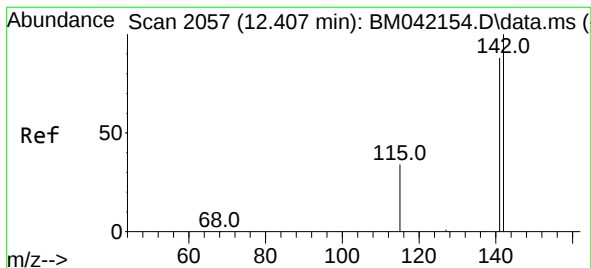
Tgt Ion: 88 Resp: 39404
Ion Ratio Lower Upper
88 100
43 42.9 52.1 78.1#
58 76.5 53.8 80.6



#5
Naphthalene
Concen: 21.808 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 128 Resp: 661715
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 12.9 11.0 16.4

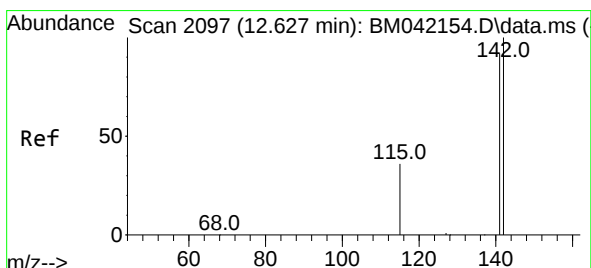
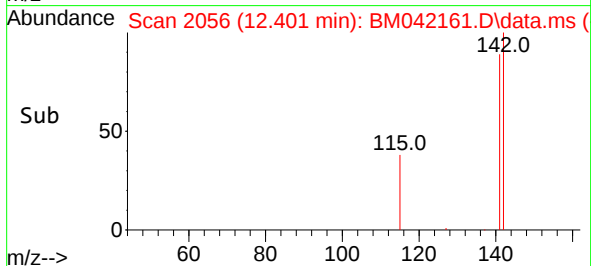
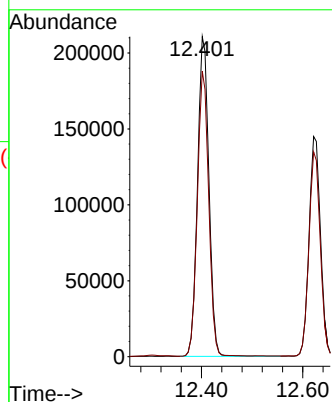
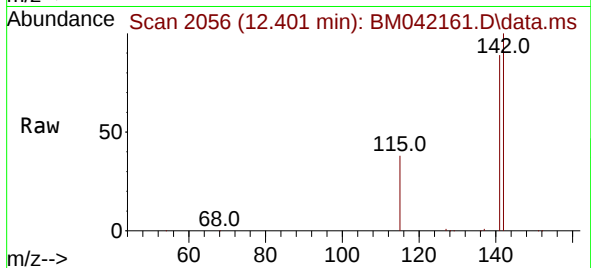




#7
2-Methylnaphthalene
Concen: 18.096 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

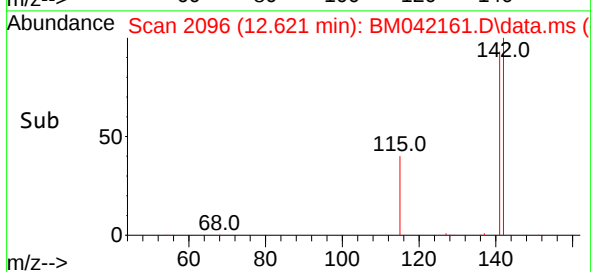
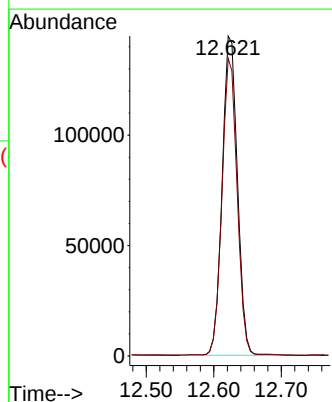
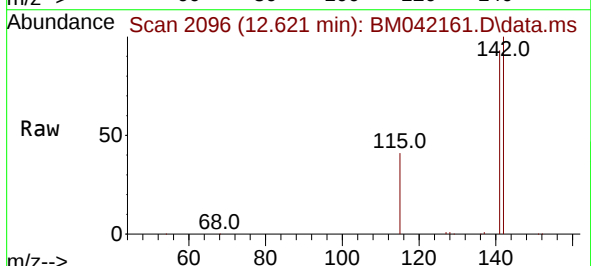
Instrument :
BNA_M
ClientSampleId :
BBJM6

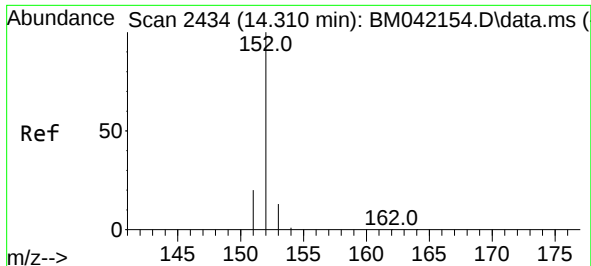
Tgt Ion:142 Resp: 328751
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4



#8
1-Methylnaphthalene
Concen: 12.382 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

Tgt Ion:142 Resp: 226601
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3

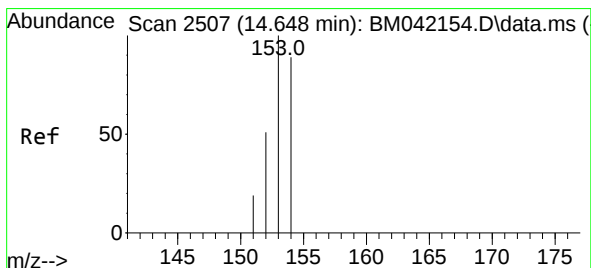
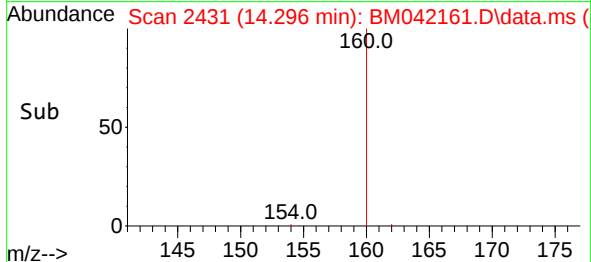
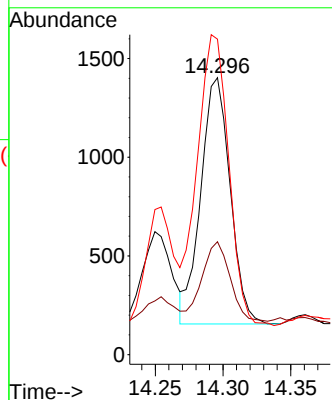
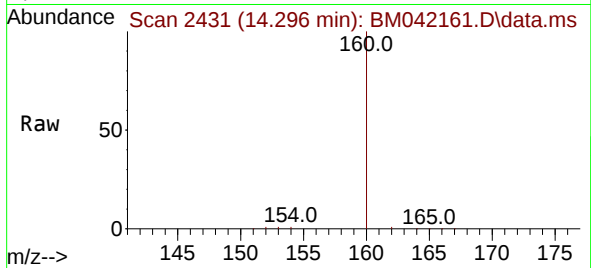




#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.019 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

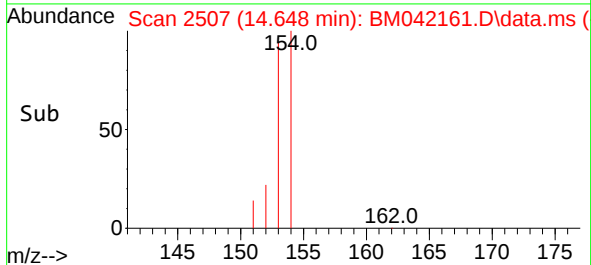
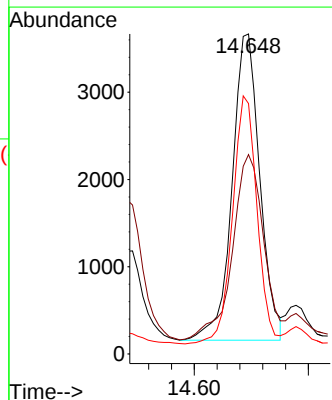
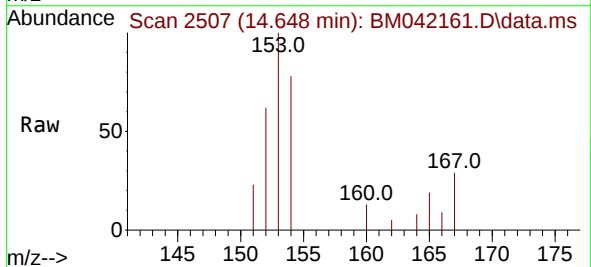
Instrument :
BNA_M
ClientSampleId :
BBJM6

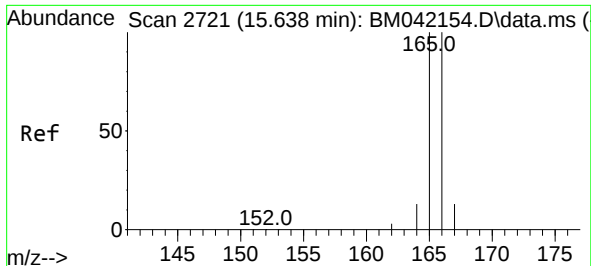
Tgt Ion:152 Resp: 1884
Ion Ratio Lower Upper
152 100
151 40.8 16.4 24.6#
153 113.9 10.9 16.3#



#11
Acenaphthene
Concen: 0.287 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

Tgt Ion:153 Resp: 5922
Ion Ratio Lower Upper
153 100
152 62.3 41.1 61.7#
154 78.3 69.5 104.3

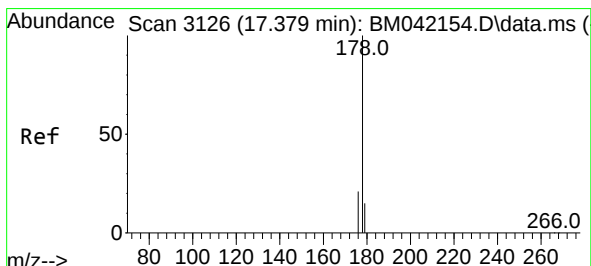
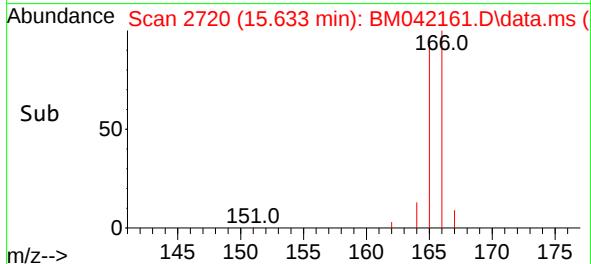
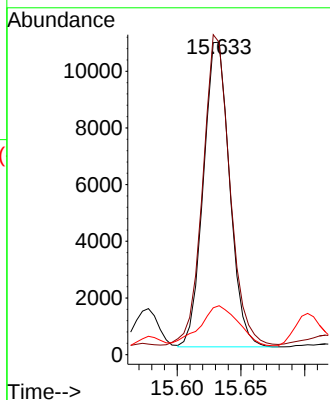
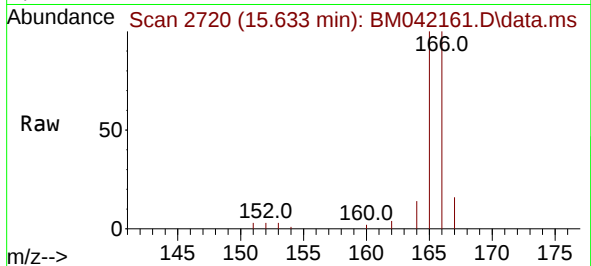




#12
Fluorene
Concen: 0.660 ng/u1
RT: 15.633 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

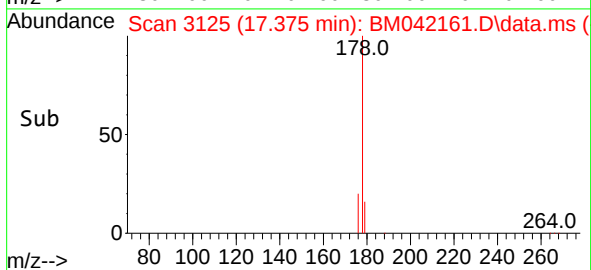
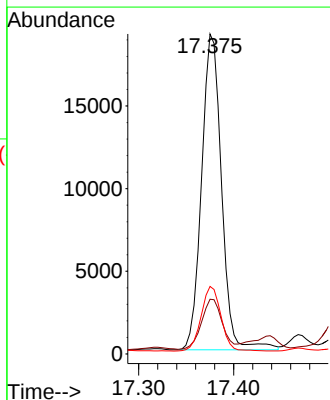
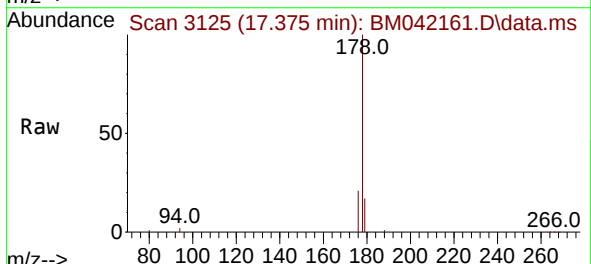
Instrument :
BNA_M
ClientSampleId :
BBJM6

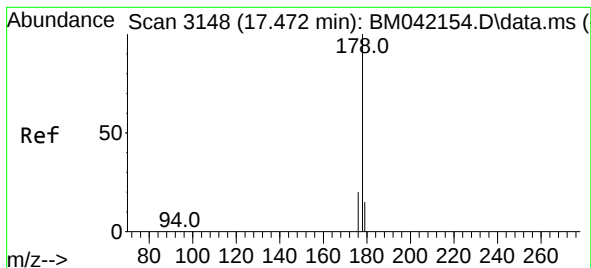
Tgt Ion:166 Resp: 15344
Ion Ratio Lower Upper
166 100
165 99.9 78.4 117.6
167 15.6 11.5 17.3



#15
Phenanthrene
Concen: 0.677 ng/u1
RT: 17.375 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BM042161.D
Acq: 03 Oct 2023 13:22

Tgt Ion:178 Resp: 27936
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 21.1 16.8 25.2





#16

Anthracene

Concen: 0.025 ng/ul

RT: 17.468 min Scan# 3148

Delta R.T. -0.008 min

Lab File: BM042161.D

Acq: 03 Oct 2023 13:22

Instrument :

BNA_M

ClientSampleId :

BBJM6

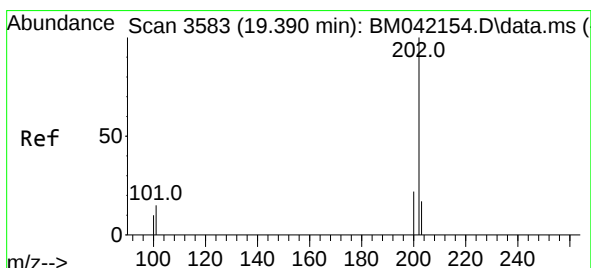
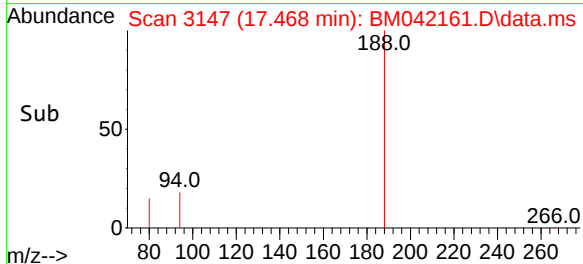
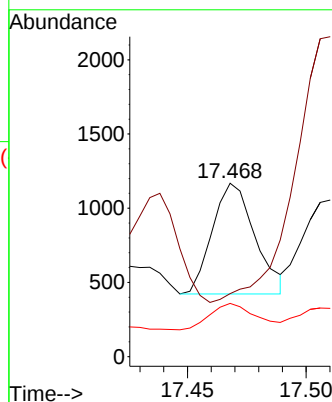
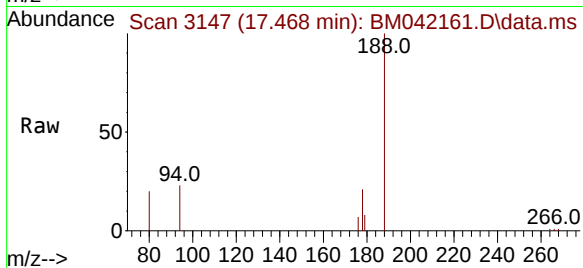
Tgt Ion:178 Resp: 932

Ion Ratio Lower Upper

178 100

179 36.4 12.9 19.3#

176 30.7 16.3 24.5#



#19

Fluoranthene

Concen: 0.041 ng/ul

RT: 19.389 min Scan# 3583

Delta R.T. -0.005 min

Lab File: BM042161.D

Acq: 03 Oct 2023 13:22

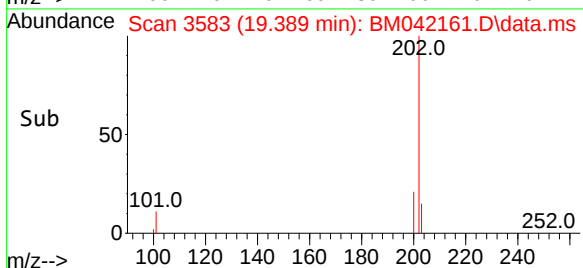
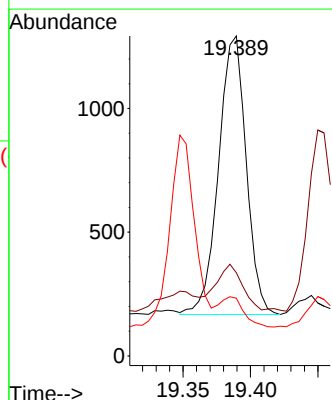
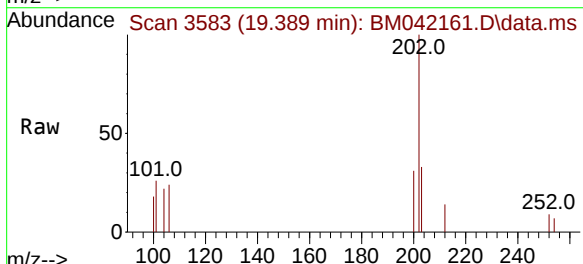
Tgt Ion:202 Resp: 1606

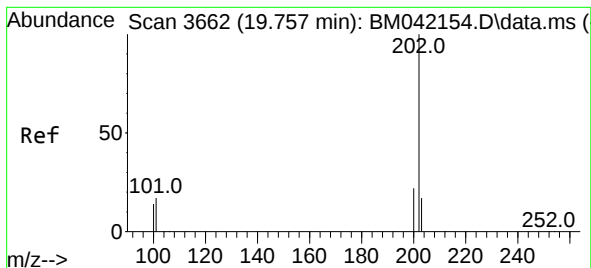
Ion Ratio Lower Upper

202 100

101 26.0 11.1 16.7#

100 18.0 8.2 12.2#





#20

Pyrene

Concen: 0.081 ng/ul

RT: 19.757 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM042161.D

Acq: 03 Oct 2023 13:22

Instrument :

BNA_M

ClientSampleId :

BBJM6

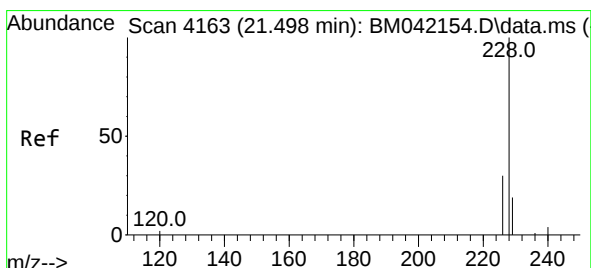
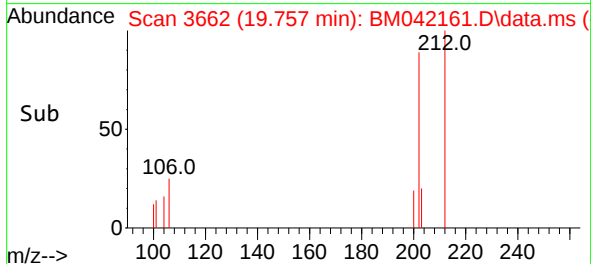
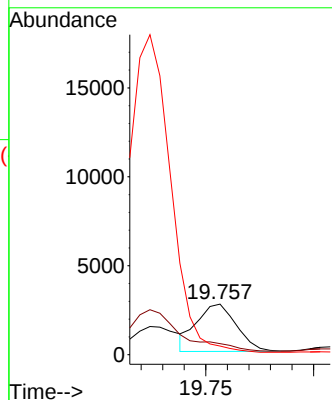
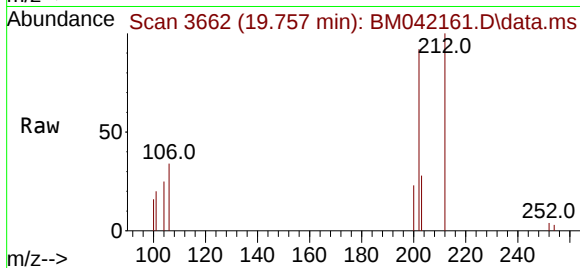
Tgt Ion:202 Resp: 3404

Ion Ratio Lower Upper

202 100

101 21.9 12.7 19.1#

100 17.0 9.9 14.9#



#21

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.492 min Scan# 4161

Delta R.T. -0.006 min

Lab File: BM042161.D

Acq: 03 Oct 2023 13:22

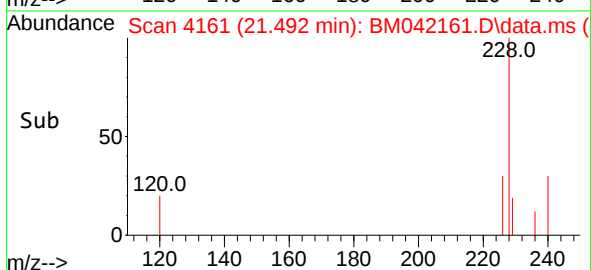
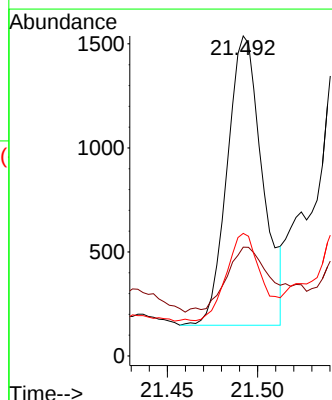
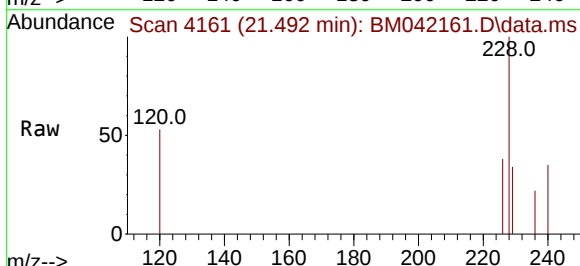
Tgt Ion:228 Resp: 1884

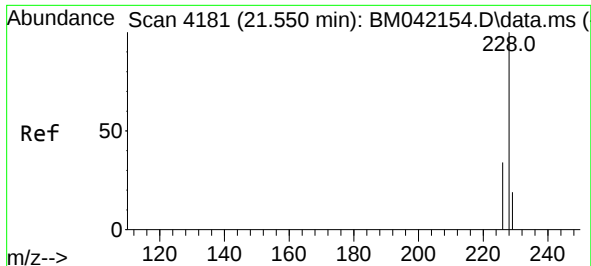
Ion Ratio Lower Upper

228 100

229 34.0 15.8 23.8#

226 38.3 24.6 37.0#





#22

Chrysene

Concen: 0.074 ng/ul

RT: 21.545 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM042161.D

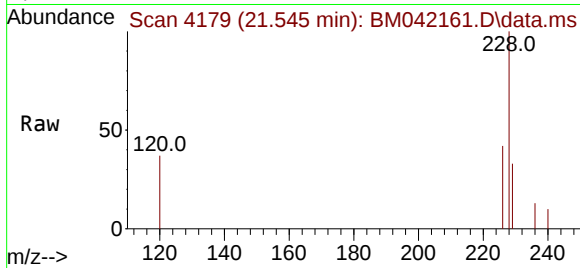
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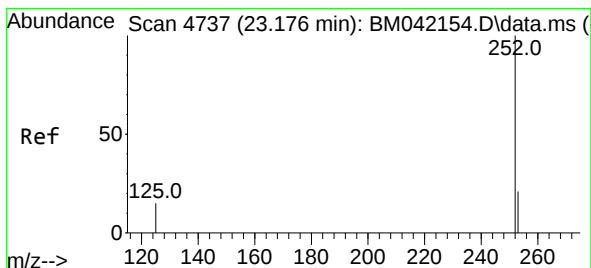
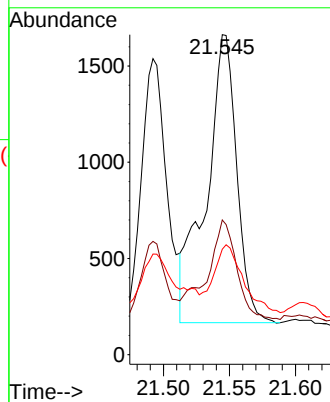
Tgt Ion:228 Resp: 2415

Ion Ratio Lower Upper

228 100

226 42.1 26.7 40.1#

229 33.0 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.028 ng/ul

RT: 23.173 min Scan# 4736

Delta R.T. -0.006 min

Lab File: BM042161.D

Acq: 03 Oct 2023 13:22

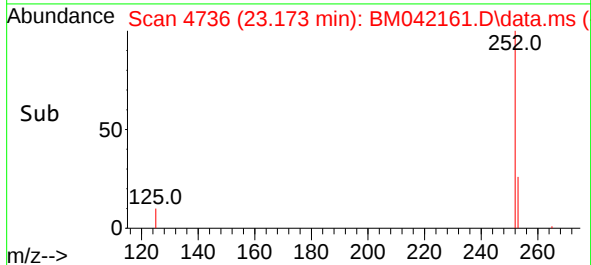
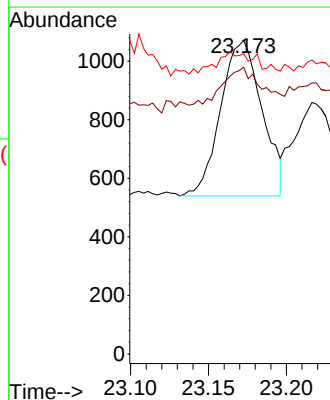
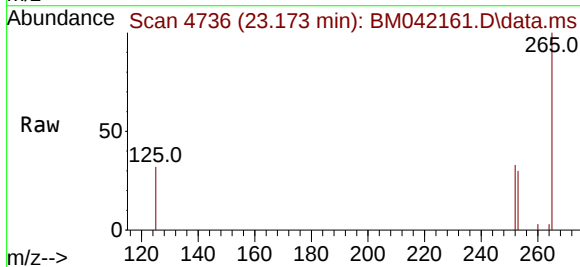
Tgt Ion:252 Resp: 982

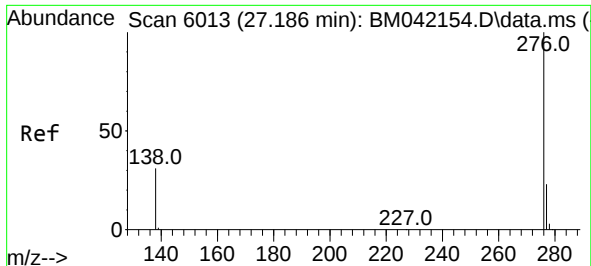
Ion Ratio Lower Upper

252 100

253 91.5 0.0 59.0#

125 95.8 0.0 49.6#





#29

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 27.179 min Scan# 6011

Delta R.T. -0.017 min

Lab File: BM042161.D

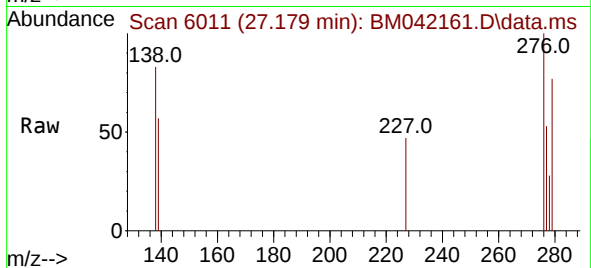
Acq: 03 Oct 2023 13:22

Instrument :

BNA_M

ClientSampleId :

BBJM6



Tgt Ion:276 Resp: 775

Ion Ratio Lower Upper

276 100

138 83.0 26.8 40.2#

277 52.6 20.1 30.1#

