

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042178.D
 Acq On : 04 Oct 2023 01:04
 Operator : MA/JU
 Sample : 04480-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK42

Quant Time: Oct 04 03:14:08 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)

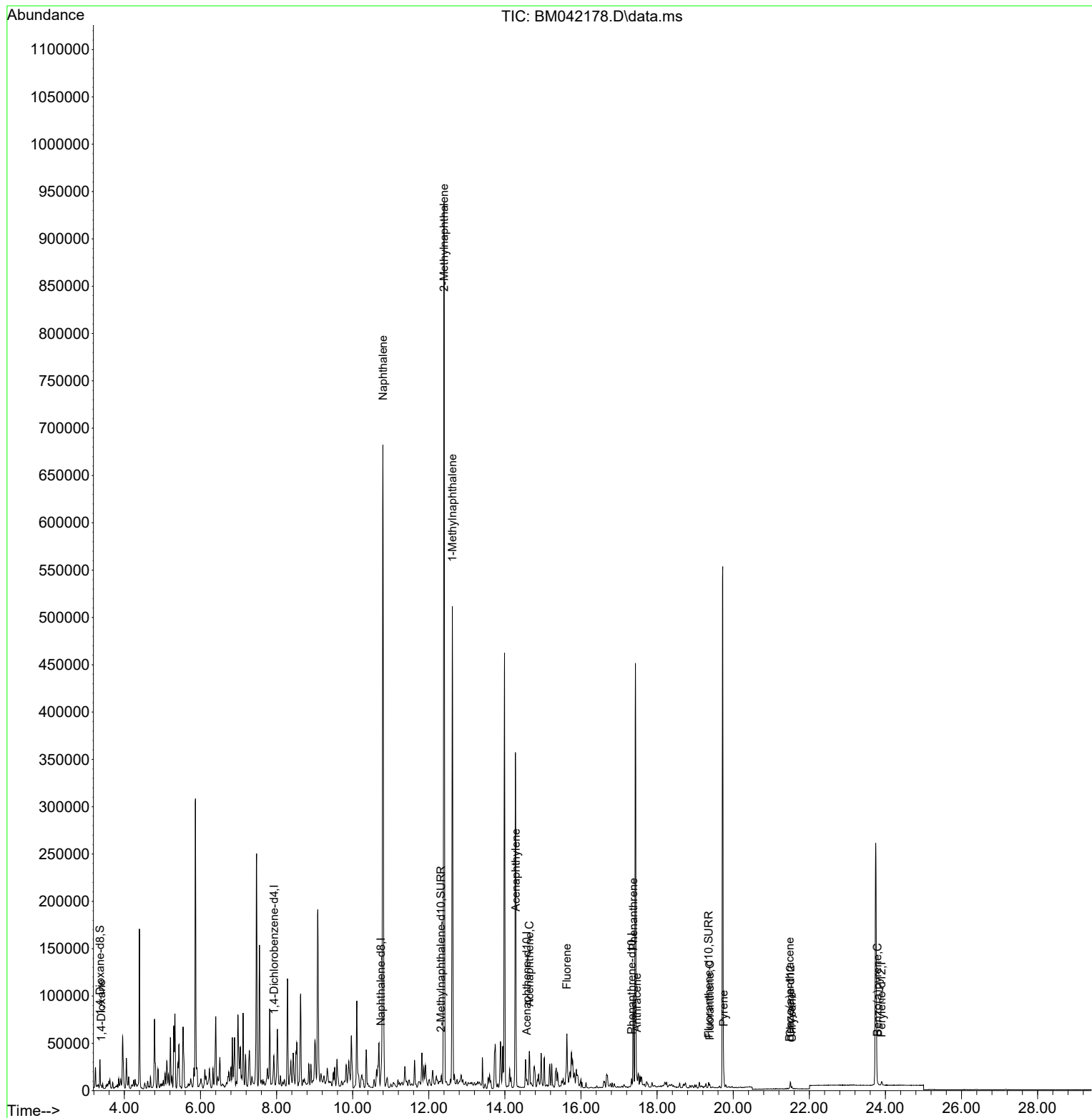
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3103	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.746	136	8177	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	4172	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.333	188	9404	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.504	240	5093	0.400	ng/ul	-0.01
23) Perylene-d12	23.901	264	5538	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	15605	3.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	2647	0.236	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	4986	0.261	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	1255	0.291	ng/ul#	58
5) Naphthalene	10.796	128	919740	33.715	ng/ul	98
7) 2-Methylnaphthalene	12.401	142	645679	39.531	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	332012	20.179	ng/ul	99
10) Acenaphthylene	14.291	152	6301	0.239	ng/ul#	1
11) Acenaphthene	14.643	153	21643	1.085	ng/ul	92
12) Fluorene	15.628	166	34346	1.528	ng/ul	97
15) Phenanthrene	17.375	178	104152	2.686	ng/ul	99
16) Anthracene	17.468	178	6953	0.196	ng/ul#	80
19) Fluoranthene	19.385	202	3419	0.088	ng/ul#	83
20) Pyrene	19.752	202	12393	0.301	ng/ul#	92
21) Benzo(a)anthracene	21.486	228	1705	0.052	ng/ul#	59
22) Chrysene	21.539	228	1963	0.061	ng/ul#	64
26) Benzo(a)pyrene	23.789	252	648	0.023	ng/ul#	1

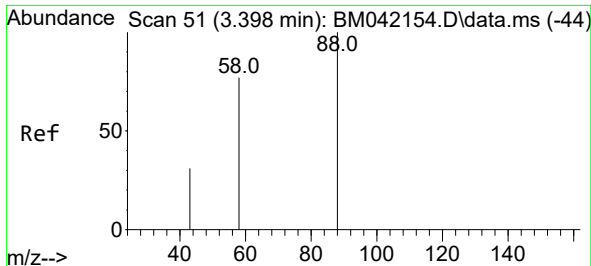
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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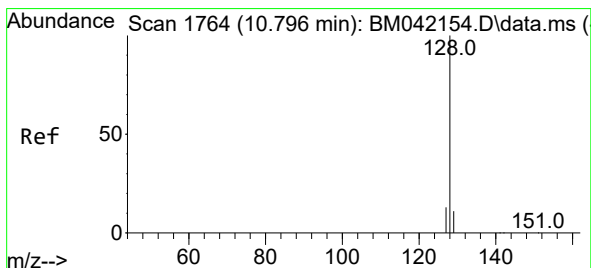
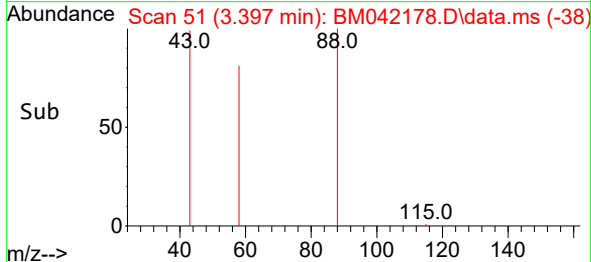
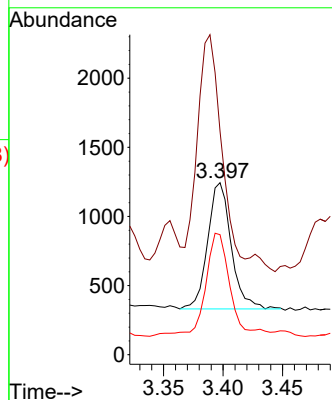
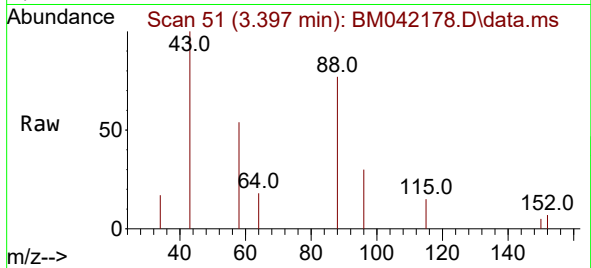




#2
1,4-Dioxane
Concen: 0.291 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

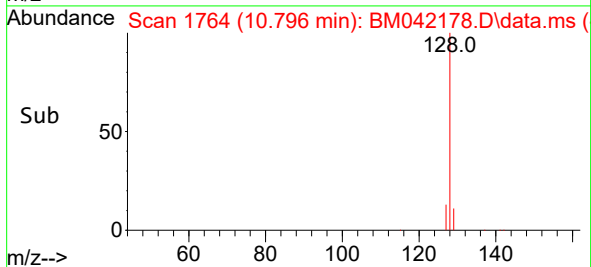
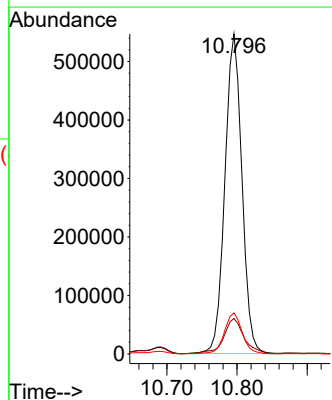
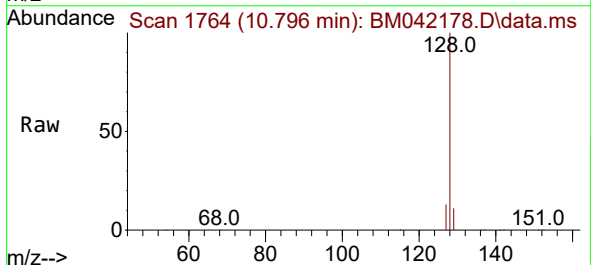
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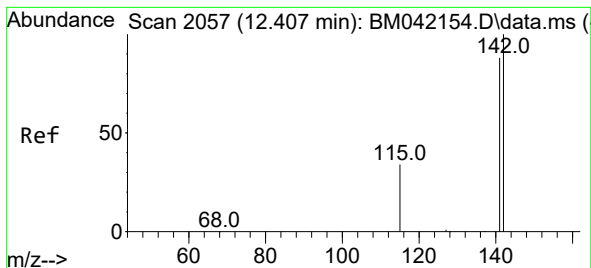
Tgt Ion: 88 Resp: 1255
Ion Ratio Lower Upper
88 100
43 129.8 52.1 78.1#
58 69.8 53.8 80.6



#5
Naphthalene
Concen: 33.715 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

Tgt Ion:128 Resp: 919740
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 12.8 11.0 16.4





#7

2-Methylnaphthalene

Concen: 39.531 ng/ul

RT: 12.401 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM042178.D

Acq: 04 Oct 2023 01:04

Instrument :

BNA_M

ClientSampleId :

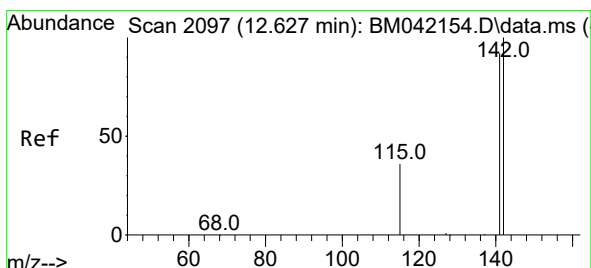
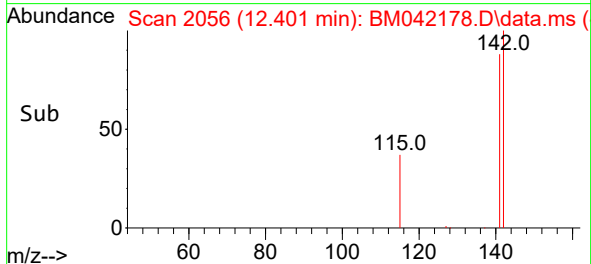
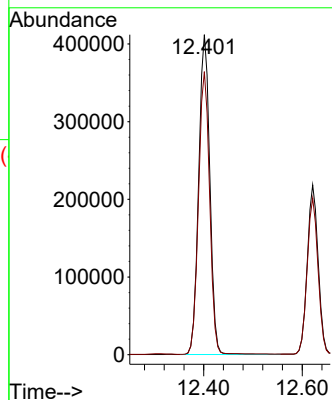
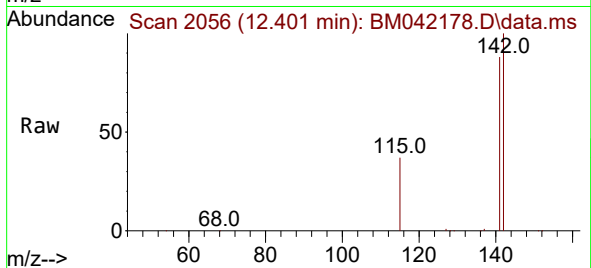
BBK42

Tgt Ion:142 Resp: 645679

Ion Ratio Lower Upper

142 100

141 88.4 70.2 105.4



#8

1-Methylnaphthalene

Concen: 20.179 ng/ul

RT: 12.621 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BM042178.D

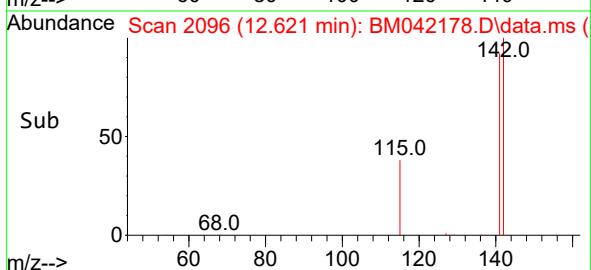
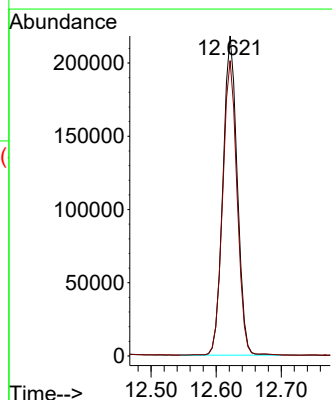
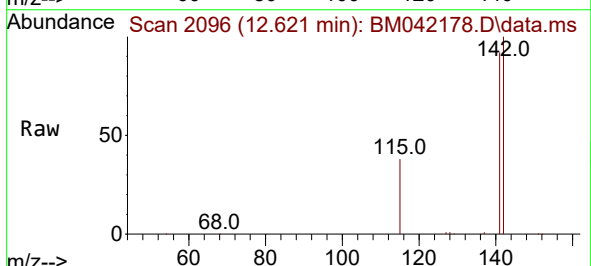
Acq: 04 Oct 2023 01:04

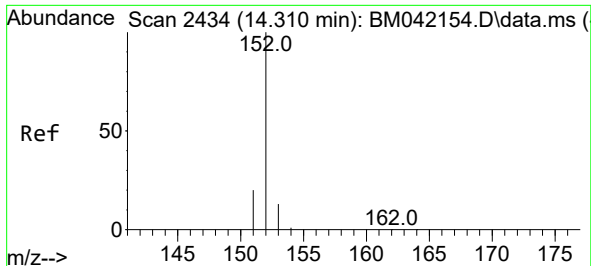
Tgt Ion:142 Resp: 332012

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

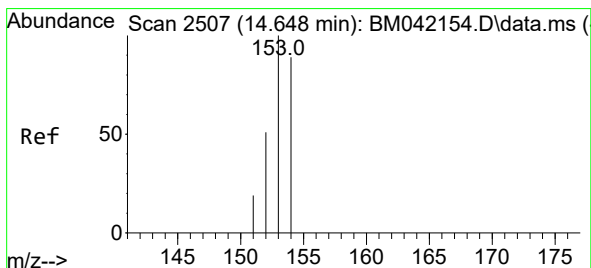
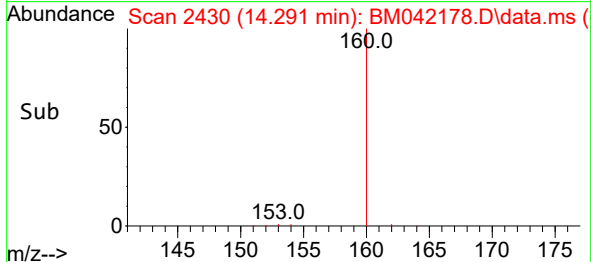
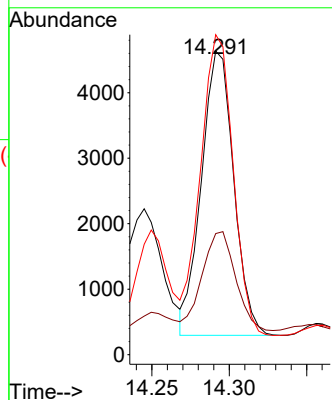
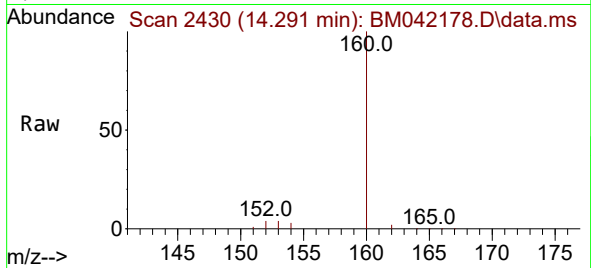




#10
Acenaphthylene
Concen: 0.239 ng/ul
RT: 14.291 min Scan# 2430
Delta R.T. -0.023 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

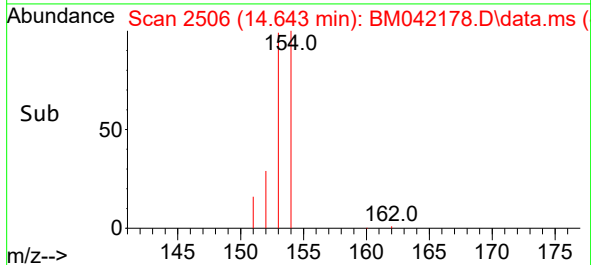
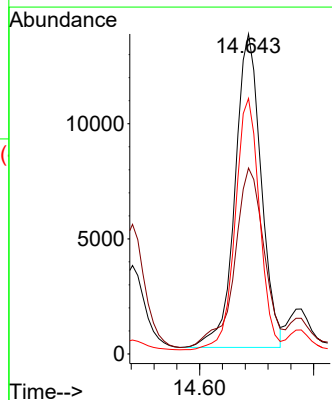
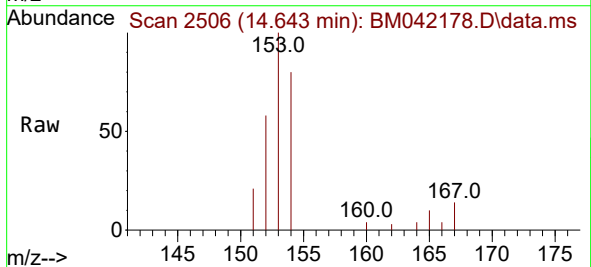
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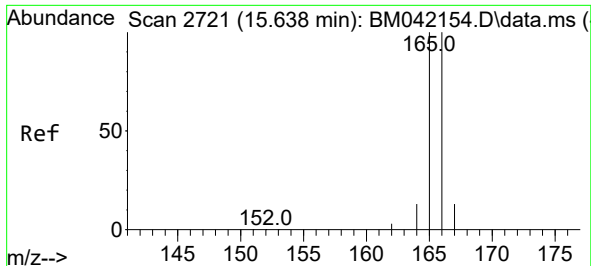
Tgt Ion:152 Resp: 6301
Ion Ratio Lower Upper
152 100
151 39.9 16.4 24.6#
153 105.3 10.9 16.3#



#11
Acenaphthene
Concen: 1.085 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

Tgt Ion:153 Resp: 21643
Ion Ratio Lower Upper
153 100
152 58.1 41.1 61.7
154 79.9 69.5 104.3

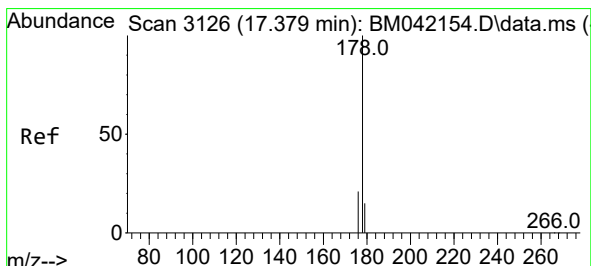
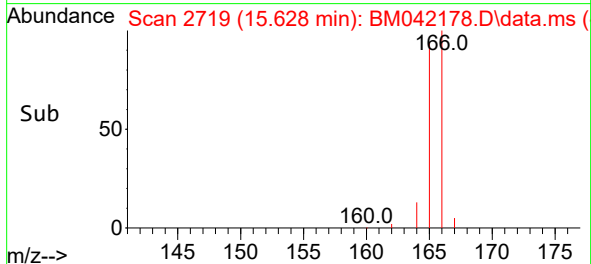
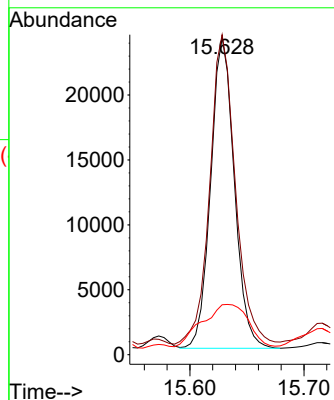
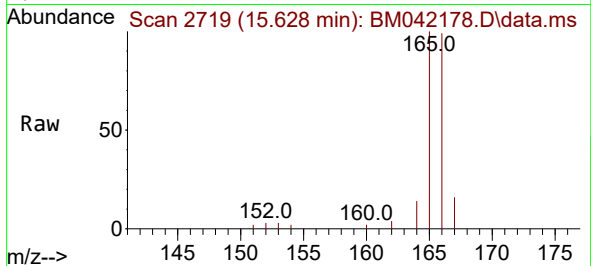




#12
Fluorene
Concen: 1.528 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

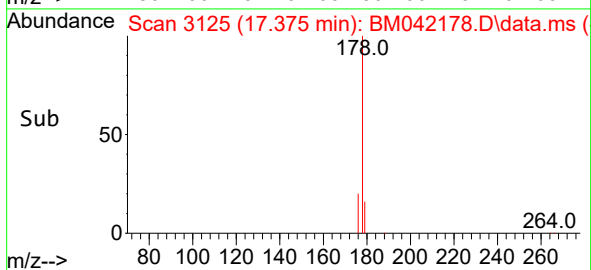
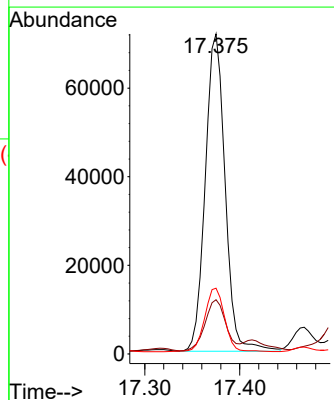
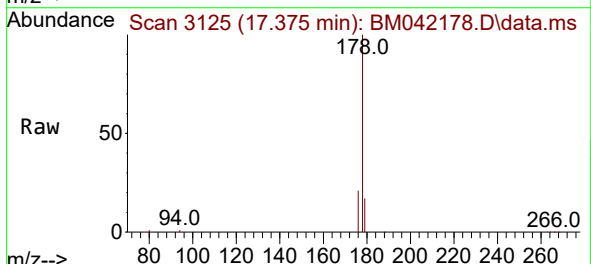
Instrument :
BNA_M
ClientSampleId :
BBK42

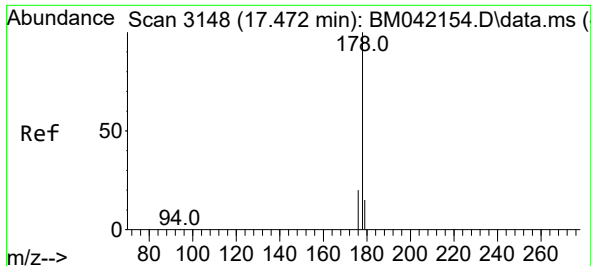
Tgt Ion:166 Resp: 34346
Ion Ratio Lower Upper
166 100
165 100.8 78.4 117.6
167 15.7 11.5 17.3



#15
Phenanthrene
Concen: 2.686 ng/ul
RT: 17.375 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

Tgt Ion:178 Resp: 104152
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.6 16.8 25.2

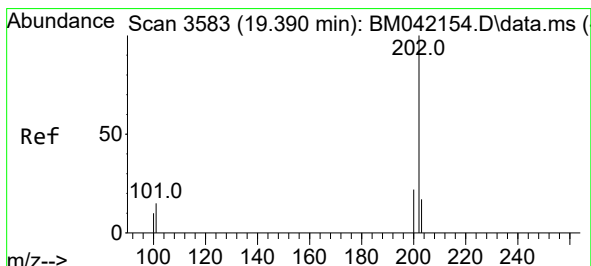
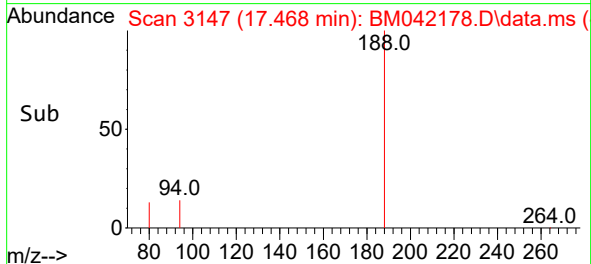
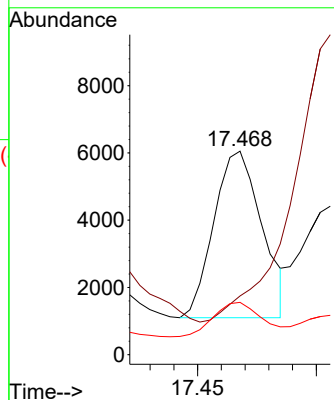
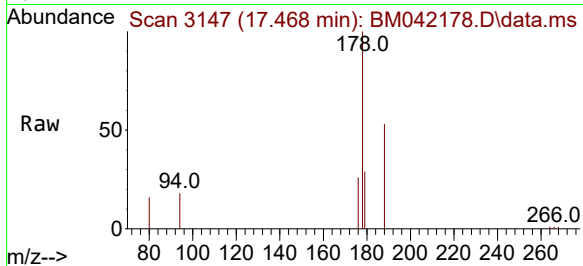




#16
 Anthracene
 Concen: 0.196 ng/ul
 RT: 17.468 min Scan# 3147
 Delta R.T. -0.009 min
 Lab File: BM042178.D
 Acq: 04 Oct 2023 01:04

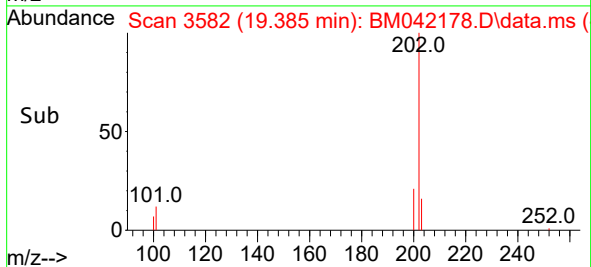
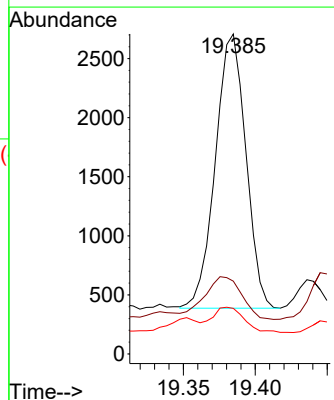
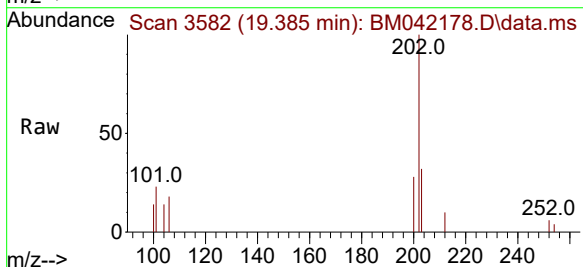
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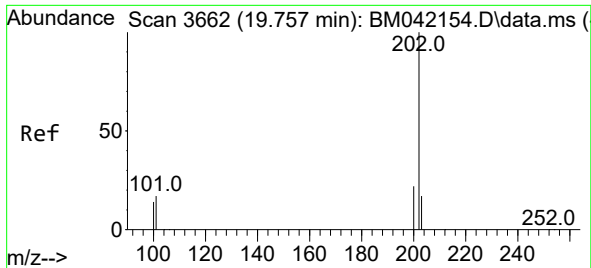
Tgt Ion:178 Resp: 6953
 Ion Ratio Lower Upper
 178 100
 179 28.8 12.9 19.3#
 176 25.7 16.3 24.5#



#19
 Fluoranthene
 Concen: 0.088 ng/ul
 RT: 19.385 min Scan# 3582
 Delta R.T. -0.009 min
 Lab File: BM042178.D
 Acq: 04 Oct 2023 01:04

Tgt Ion:202 Resp: 3419
 Ion Ratio Lower Upper
 202 100
 101 22.7 11.1 16.7#
 100 14.3 8.2 12.2#

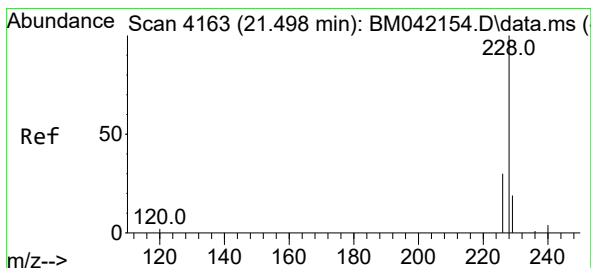
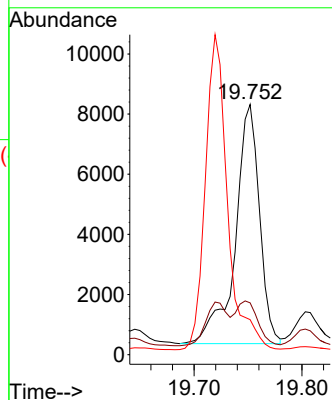
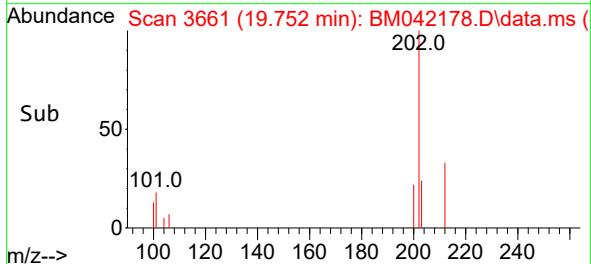
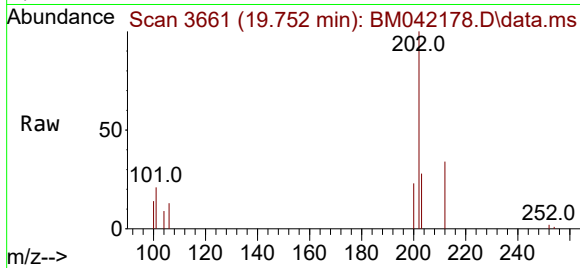




#20
Pyrene
Concen: 0.301 ng/ul
RT: 19.752 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

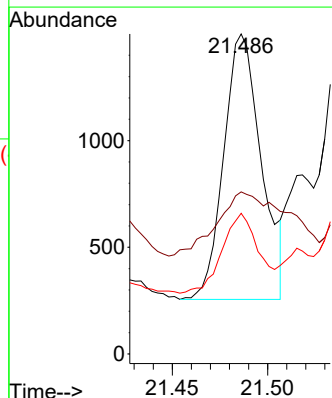
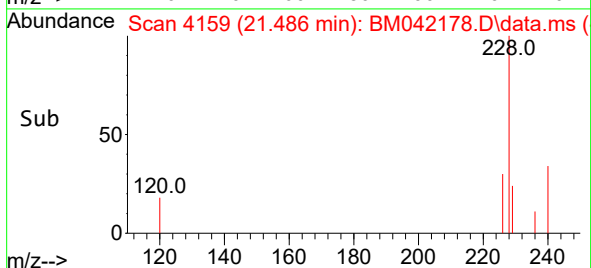
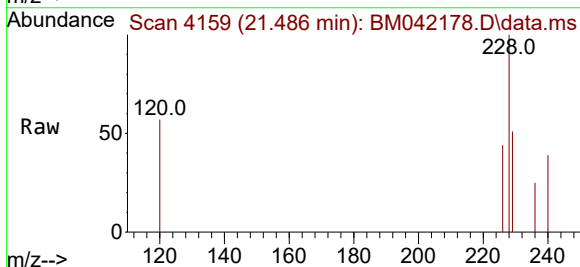
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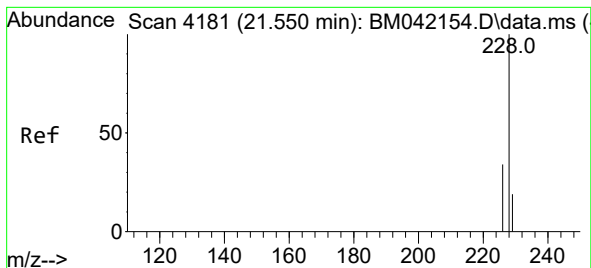
Tgt Ion:202 Resp: 12393
Ion Ratio Lower Upper
202 100
101 20.7 12.7 19.1#
100 14.0 9.9 14.9



#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM042178.D
Acq: 04 Oct 2023 01:04

Tgt Ion:228 Resp: 1705
Ion Ratio Lower Upper
228 100
229 50.7 15.8 23.8#
226 43.9 24.6 37.0#





#22

Chrysene

Concen: 0.061 ng/ul

RT: 21.539 min Scan# 41

Delta R.T. -0.015 min

Lab File: BM042178.D

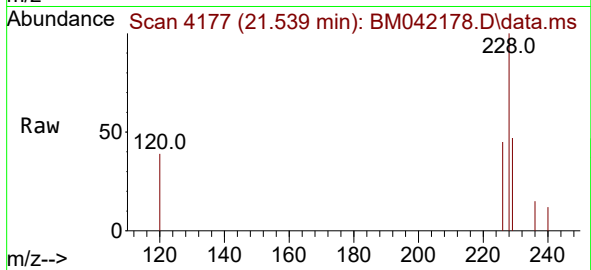
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Instrument :

BNA_M

ClientSampleId :

BBK42



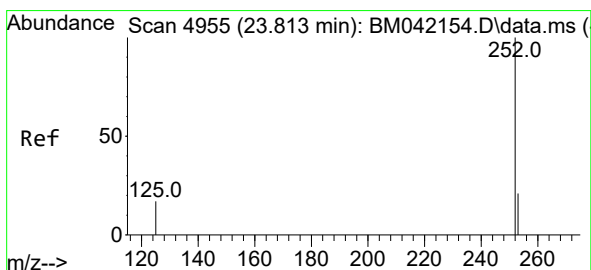
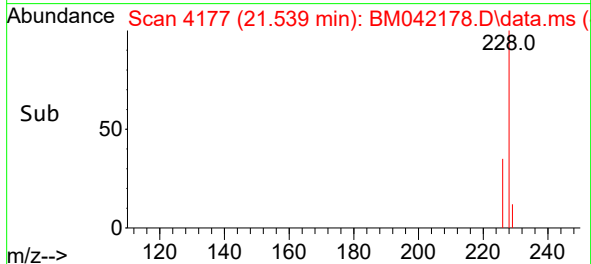
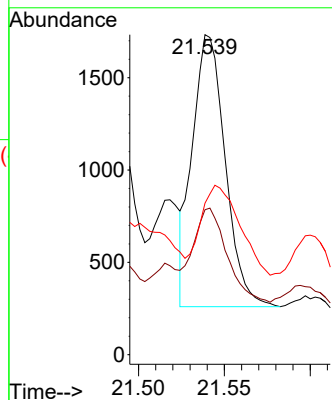
Tgt Ion:228 Resp: 1963

Ion Ratio Lower Upper

228 100

226 45.3 26.7 40.1#

229 47.4 15.8 23.8#



#26

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.789 min Scan# 4947

Delta R.T. -0.026 min

Lab File: BM042178.D

Acq: 04 Oct 2023 01:04

Tgt Ion:252 Resp: 648

Ion Ratio Lower Upper

252 100

253 101.8 25.3 37.9#

125 101.4 23.2 34.8#

