

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

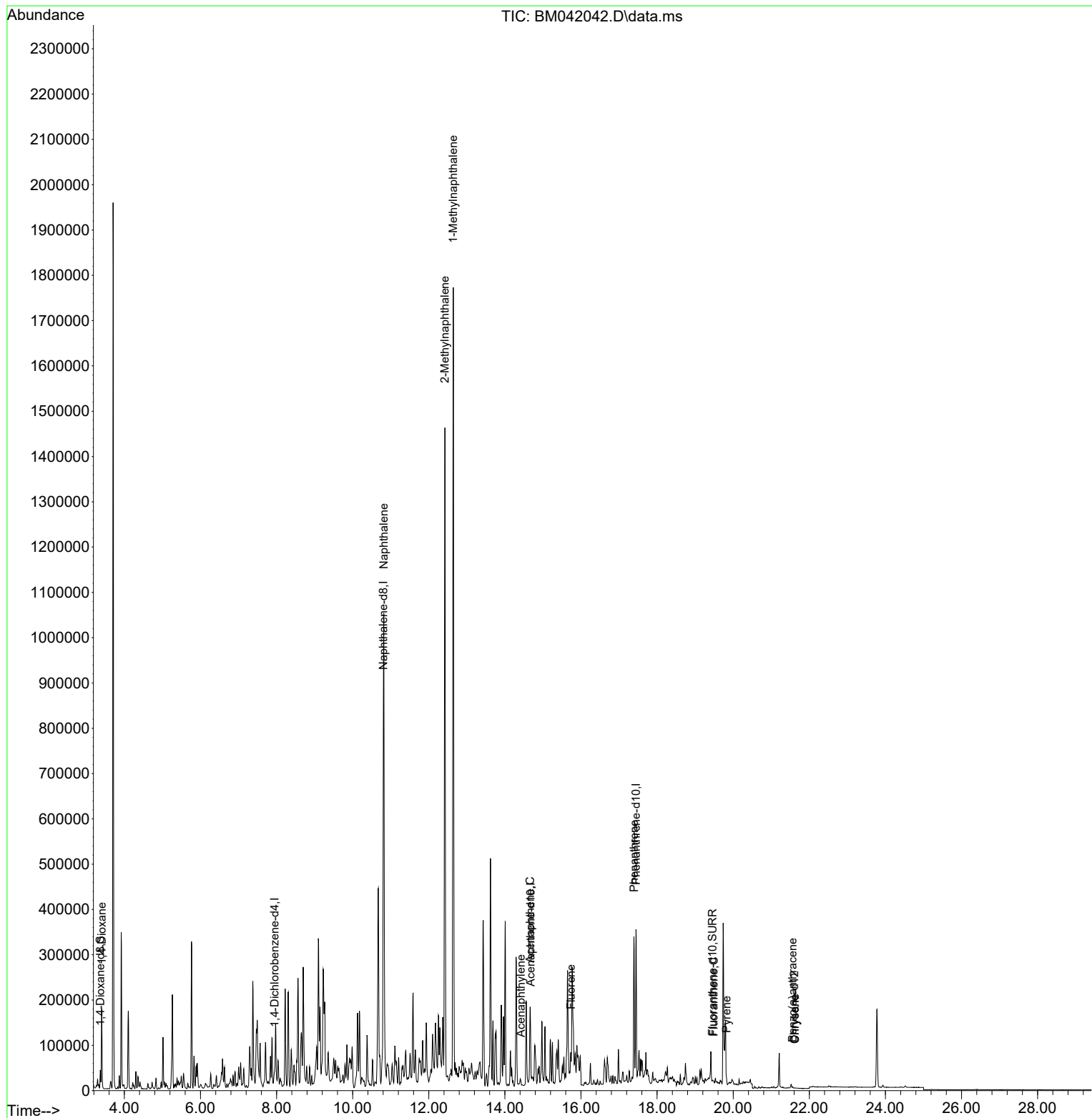
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4537	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	218037	0.400	ng/ul	# 0.04
9) Acenaphthene-d10	14.675	164	2997	0.400	ng/ul	# 0.07
13) Phenanthrene-d10	17.447	188	347245	0.400	ng/ul	0.09
17) Chrysene-d12	21.603	240	315	0.400	ng/ul	# 0.08
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.94
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21599	3.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3907	0.014	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	1696	1.308	ng/ul	0.08
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	104439	16.056	ng/ul#	85
5) Naphthalene	10.818	128	1243162	1.702	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	1003637	2.305	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	1155920	2.615	ng/ul	98
10) Acenaphthylene	14.421	152	2123	0.106	ng/ul#	25
11) Acenaphthene	14.661	153	75115	4.881	ng/ul	90
12) Fluorene	15.735	166	3390	0.195	ng/ul#	1
15) Phenanthrene	17.392	178	327808	0.204	ng/ul	98
19) Fluoranthene	19.487	202	2406	0.676	ng/ul#	1
20) Pyrene	19.822	202	7891	2.254	ng/ul#	22
21) Benzo(a)anthracene	21.559	228	2216	0.928	ng/ul#	40
22) Chrysene	21.621	228	154	0.062	ng/ul#	1

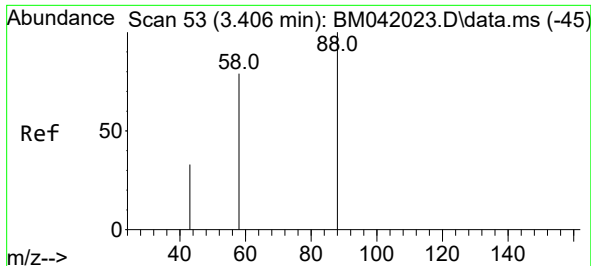
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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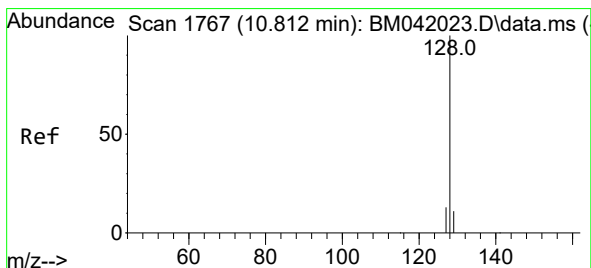
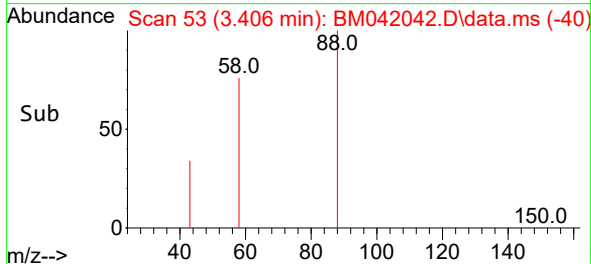
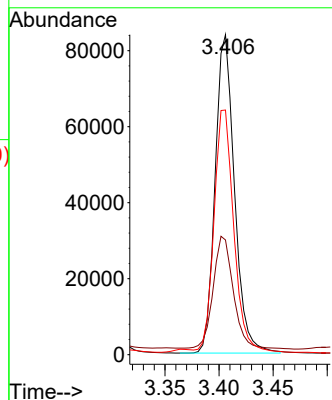
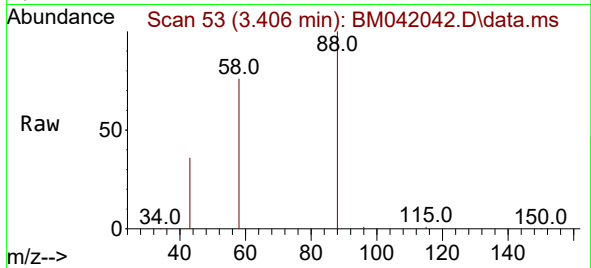




#2
1,4-Dioxane
Concen: 16.056 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

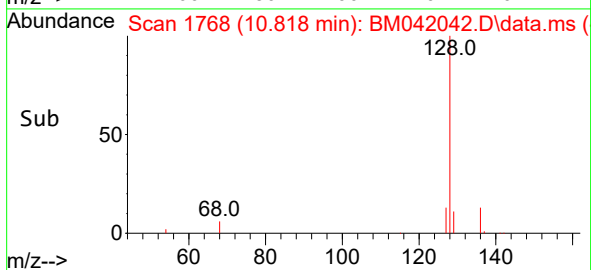
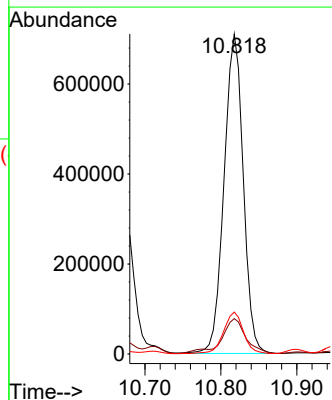
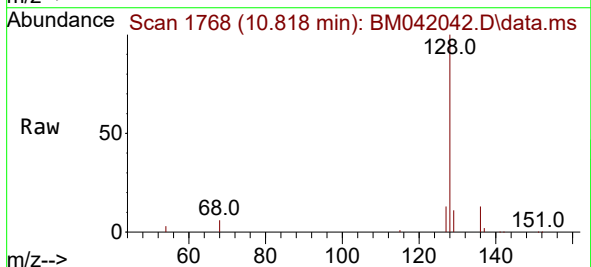
Instrument :
BNA_M
ClientSampleId :
BBBL9

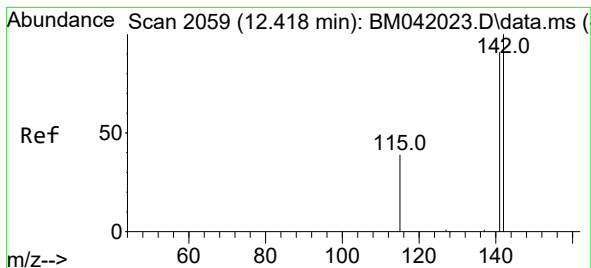
Tgt Ion: 88 Resp: 104439
Ion Ratio Lower Upper
88 100
43 35.9 42.9 64.3#
58 76.4 56.4 84.6



#5
Naphthalene
Concen: 1.702 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Tgt Ion:128 Resp: 1243162
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2

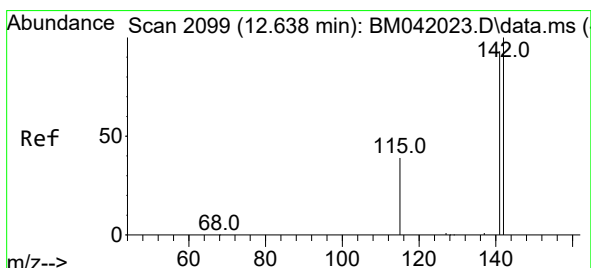
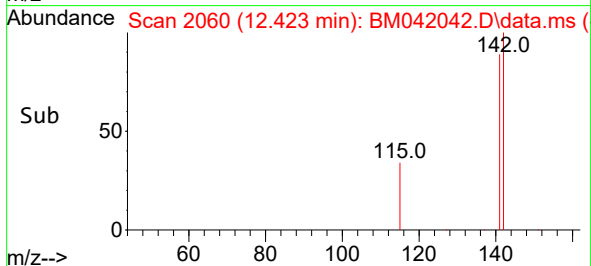
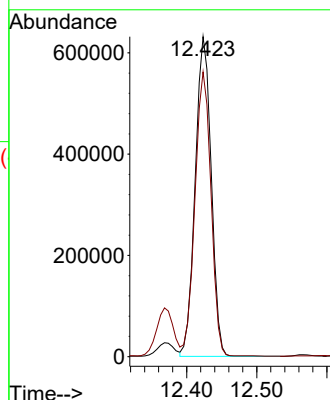
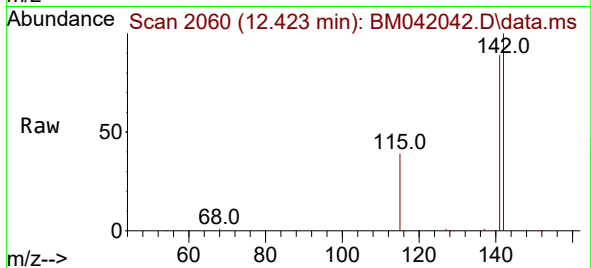




#7
2-Methylnaphthalene
Concen: 2.305 ng/ul
RT: 12.423 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

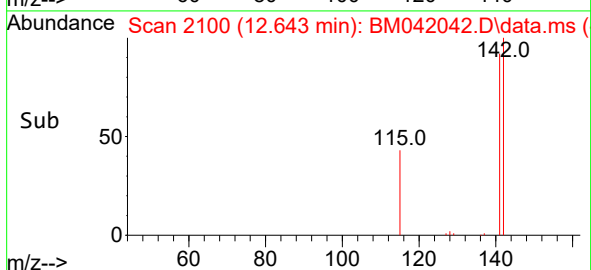
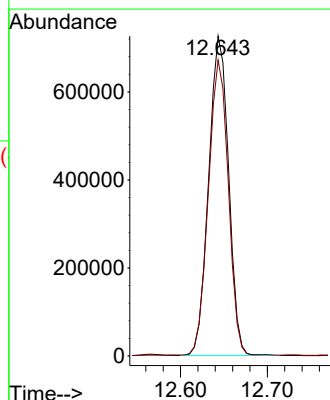
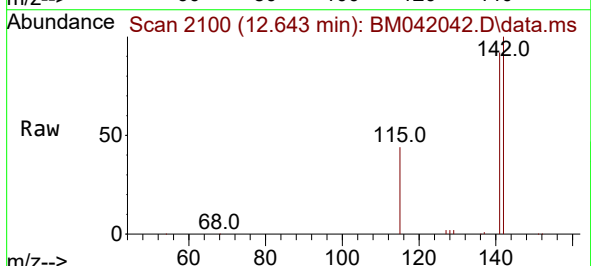
Instrument :
BNA_M
ClientSampleId :
BBBL9

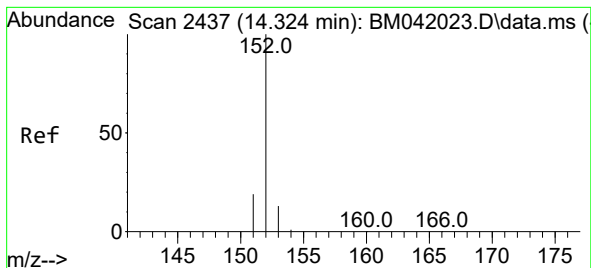
Tgt Ion:142 Resp: 1003637
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 2.615 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Tgt Ion:142 Resp: 1155920
Ion Ratio Lower Upper
142 100
141 92.2 75.1 112.7





#10

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.421 min Scan# 2437

Delta R.T. 0.093 min

Lab File: BM042042.D

Acq: 25 Sep 2023 21:00

Instrument :

BNA_M

ClientSampleId :

BBBL9

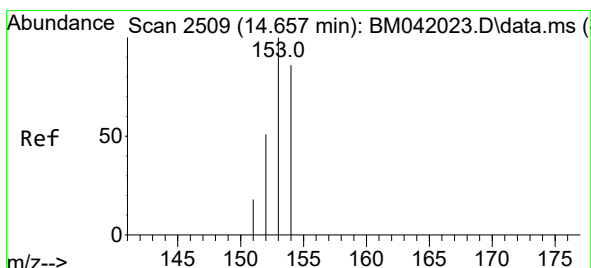
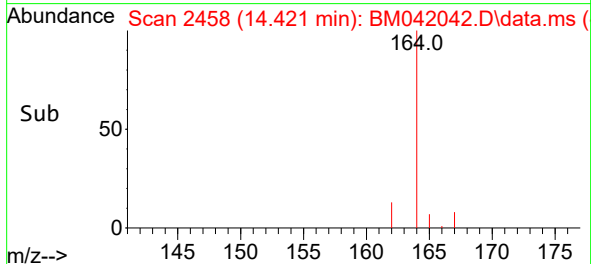
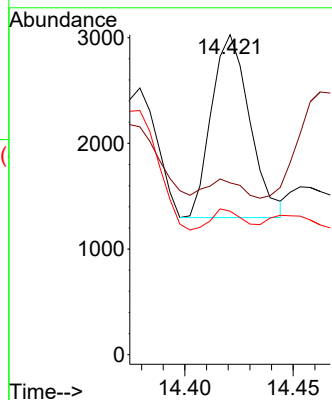
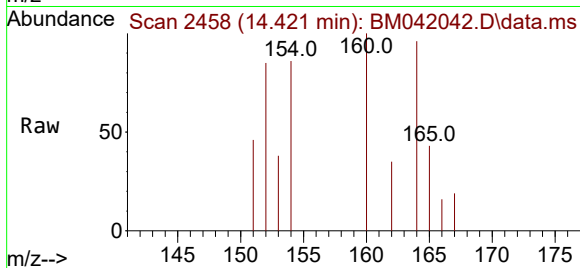
Tgt Ion:152 Resp: 2123

Ion Ratio Lower Upper

152 100

151 53.7 16.2 24.4#

153 44.9 10.8 16.2#



#11

Acenaphthene

Concen: 4.881 ng/ul

RT: 14.661 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BM042042.D

Acq: 25 Sep 2023 21:00

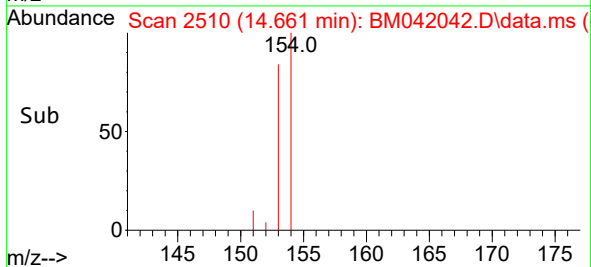
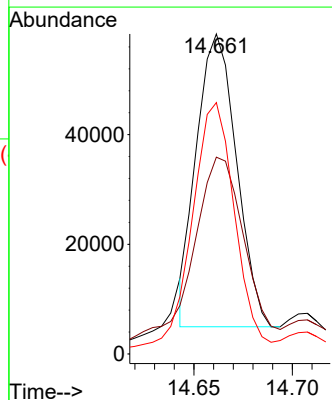
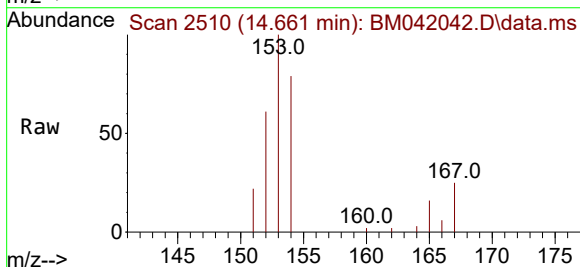
Tgt Ion:153 Resp: 75115

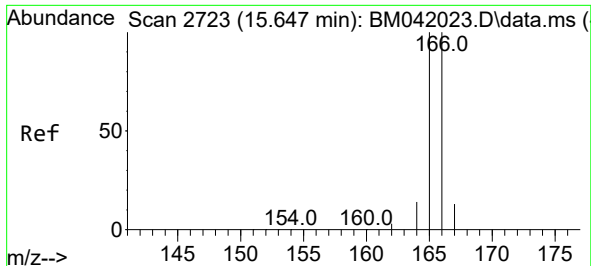
Ion Ratio Lower Upper

153 100

152 61.5 41.8 62.8

154 78.6 69.0 103.6

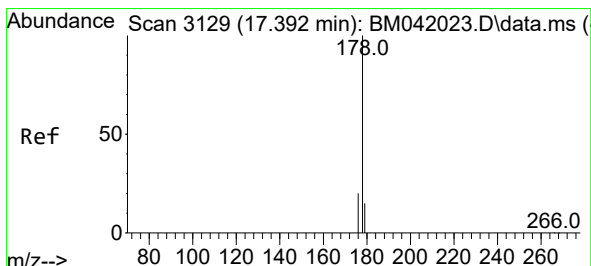
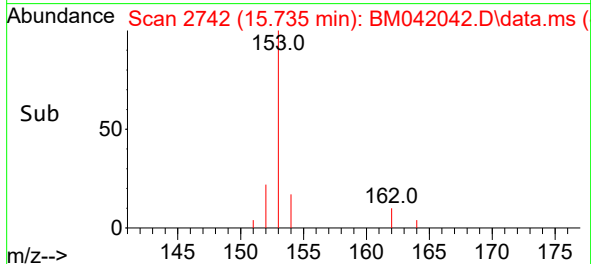
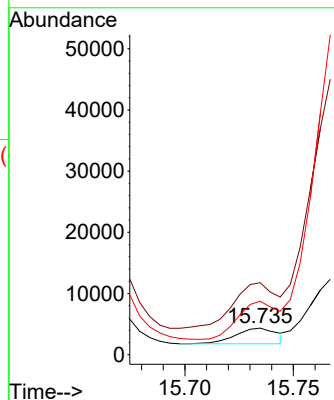
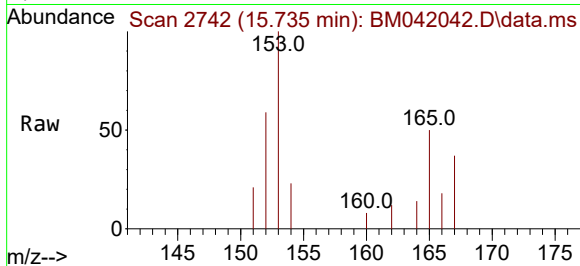




#12
Fluorene
Concen: 0.195 ng/ul
RT: 15.735 min Scan# 21
Delta R.T. 0.083 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

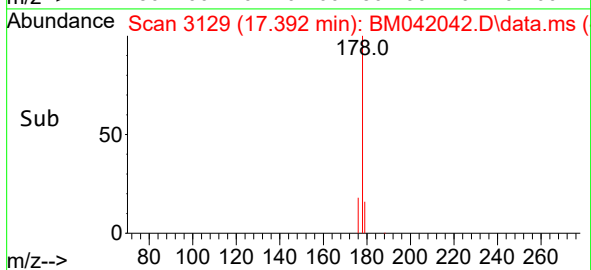
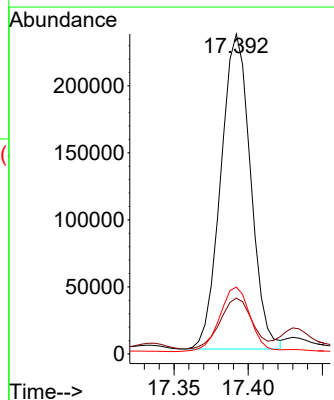
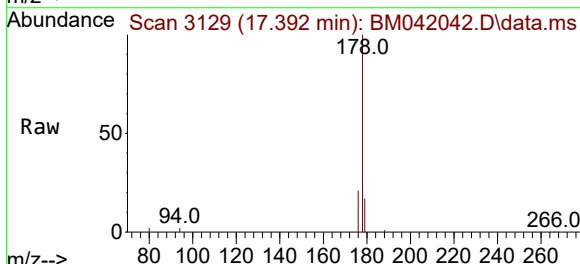
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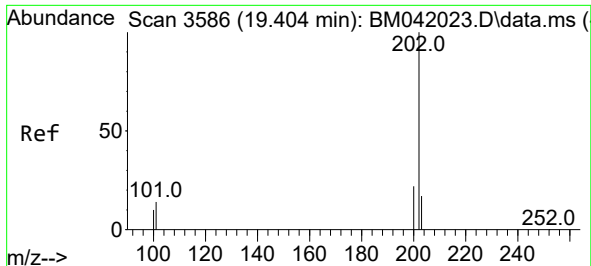
Tgt Ion:166 Resp: 3390
Ion Ratio Lower Upper
166 100
165 270.6 79.8 119.8#
167 200.9 11.1 16.7#



#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Tgt Ion:178 Resp: 327808
Ion Ratio Lower Upper
178 100
179 17.5 12.7 19.1
176 20.9 16.6 24.8

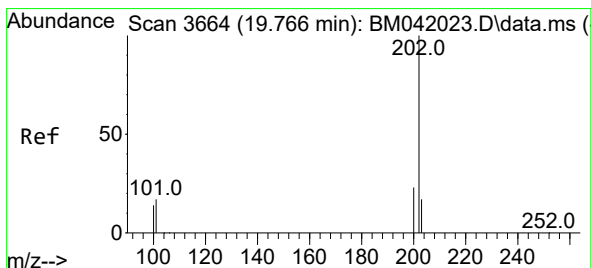
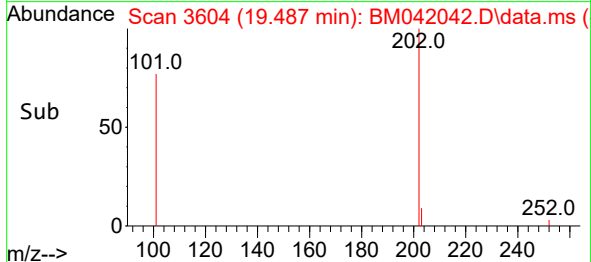
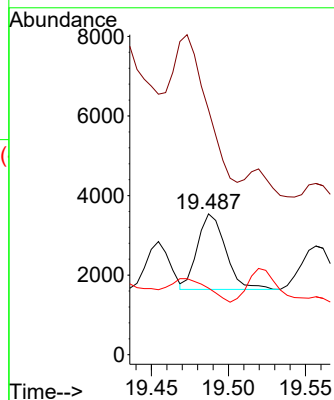
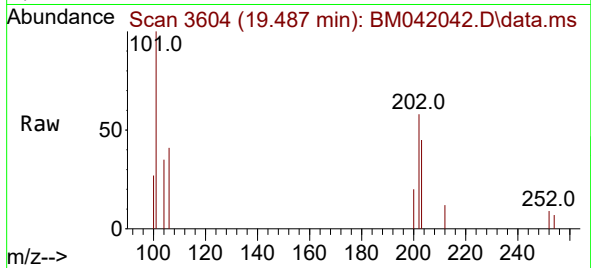




#19
Fluoranthene
Concen: 0.676 ng/ul
RT: 19.487 min Scan# 3064
Delta R.T. 0.084 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

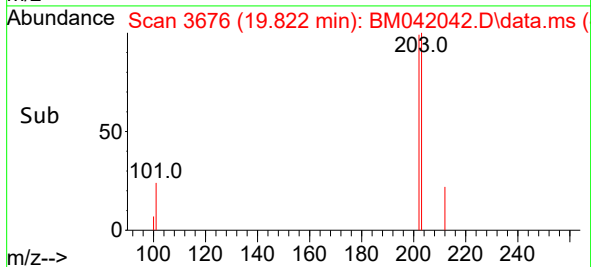
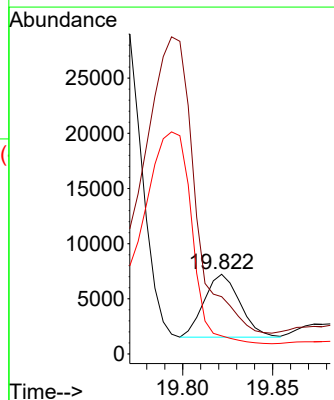
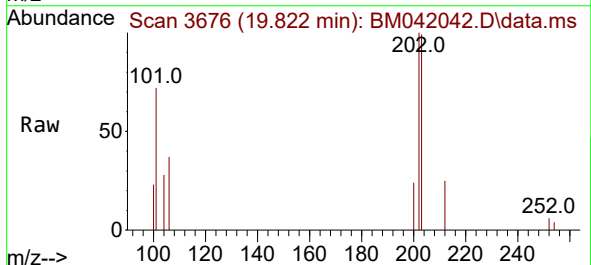
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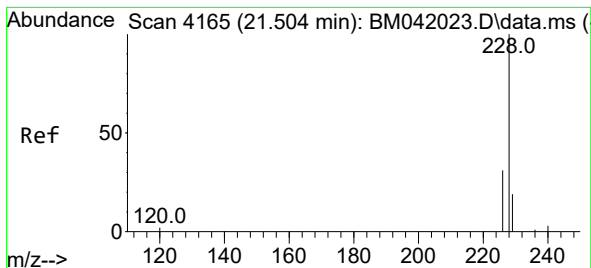
Tgt Ion:202 Resp: 2406
Ion Ratio Lower Upper
202 100
101 173.9 11.8 17.6#
100 47.2 9.1 13.7#



#20
Pyrene
Concen: 2.254 ng/ul
RT: 19.822 min Scan# 3676
Delta R.T. 0.051 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Tgt Ion:202 Resp: 7891
Ion Ratio Lower Upper
202 100
101 71.9 14.1 21.1#
100 22.6 11.4 17.0#





#21

Benzo(a)anthracene

Concen: 0.928 ng/ul

RT: 21.559 min Scan# 41

Delta R.T. 0.053 min

Lab File: BM042042.D

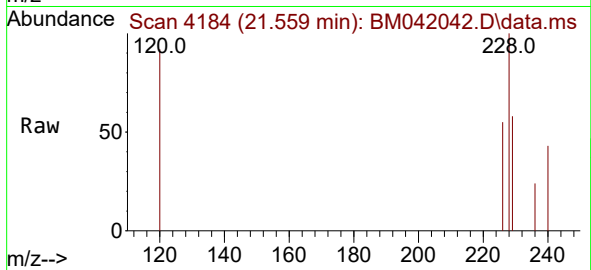
Acq: 25 Sep 2023 21:00

Instrument :

BNA_M

ClientSampleId :

BBBL9



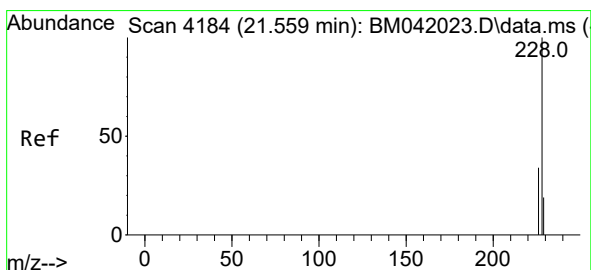
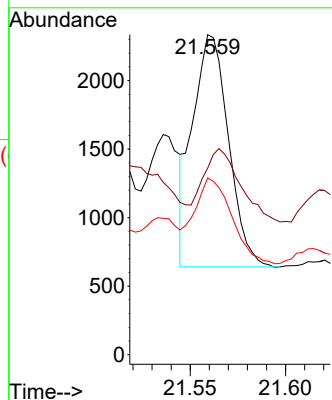
Tgt Ion:228 Resp: 2216

Ion Ratio Lower Upper

228 100

229 58.3 15.5 23.3#

226 55.2 24.8 37.2#



#22

Chrysene

Concen: 0.062 ng/ul

RT: 21.621 min Scan# 4205

Delta R.T. 0.058 min

Lab File: BM042042.D

Acq: 25 Sep 2023 21:00

Tgt Ion:228 Resp: 154

Ion Ratio Lower Upper

228 100

226 107.4 27.8 41.6#

229 173.6 15.6 23.4#

