

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042033.D
 Acq On : 25 Sep 2023 14:57
 Operator : MA/JU
 Sample : 04429-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

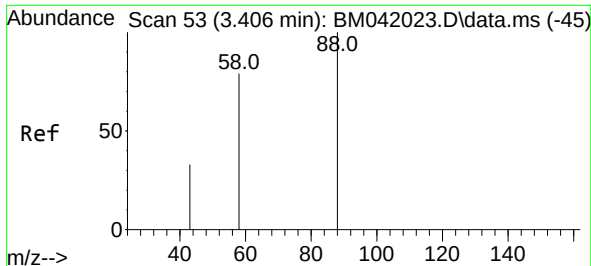
Instrument :
 BNA_M
 ClientSampleId :
 BBBL2

Quant Time: Sep 25 16:05:35 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	5763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	15153	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	8277	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	16066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.521	240	6753	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	28679	3.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	7215	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	13206	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	55506	6.718	ng/ul#	85
5) Naphthalene	10.812	128	5877	0.116	ng/ul#	89
7) 2-Methylnaphthalene	12.418	142	4492	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	3742	0.122	ng/ul	99
11) Acenaphthene	14.662	153	899	0.021	ng/ul#	73
12) Fluorene	15.647	166	1880	0.039	ng/ul#	75
15) Phenanthrene	17.388	178	4367	0.059	ng/ul#	72
16) Anthracene	17.485	178	1524	0.024	ng/ul#	37
19) Fluoranthene	19.399	202	1693	0.022	ng/ul#	59
20) Pyrene	19.766	202	4452	0.059	ng/ul#	83

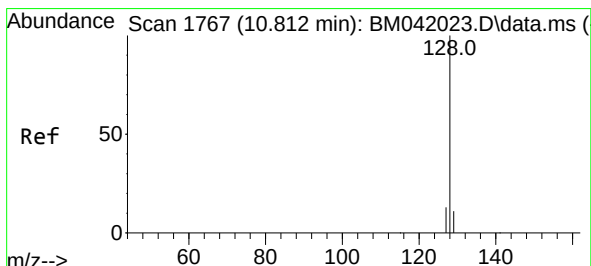
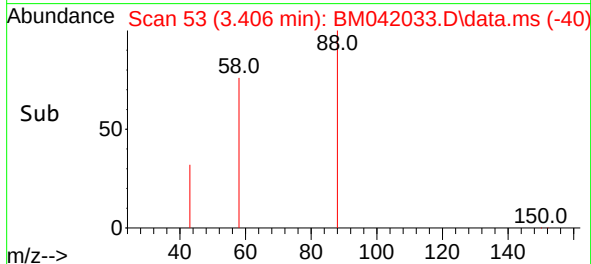
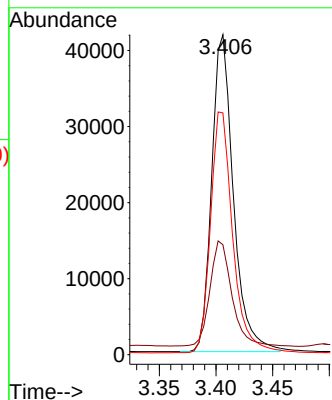
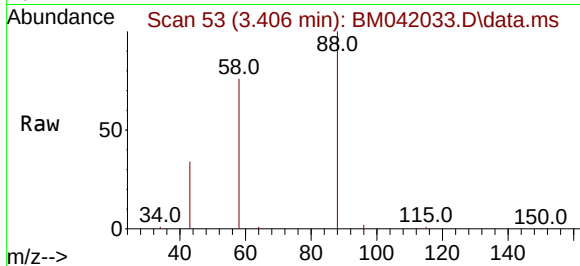
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 6.718 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042033.D
Acq: 25 Sep 2023 14:57

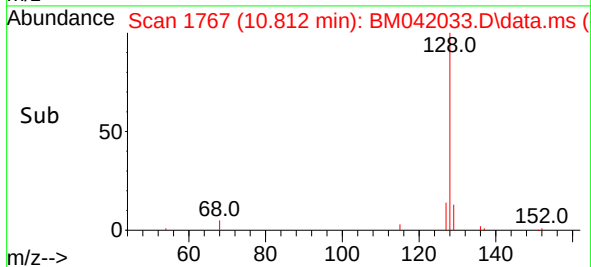
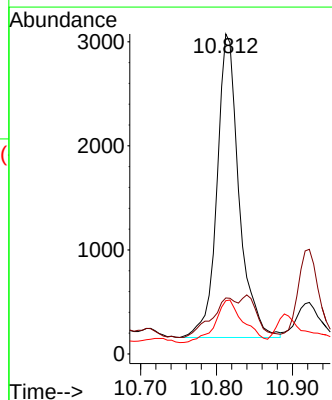
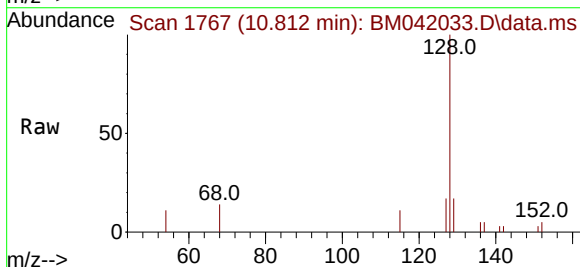
Instrument :
BNA_M
ClientSampleId :
BBBL2

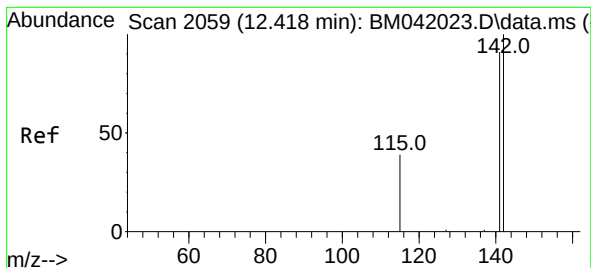
Tgt Ion: 88 Resp: 55506
Ion Ratio Lower Upper
88 100
43 34.4 42.9 64.3#
58 75.6 56.4 84.6



#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042033.D
Acq: 25 Sep 2023 14:57

Tgt Ion: 128 Resp: 5877
Ion Ratio Lower Upper
128 100
129 17.5 9.2 13.8#
127 16.7 10.8 16.2#

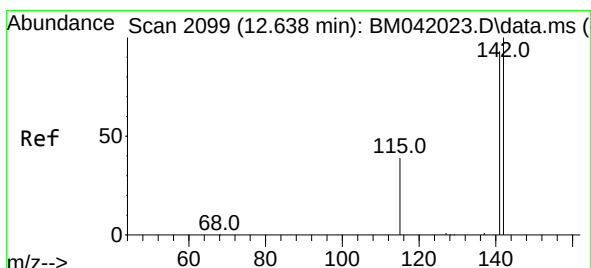
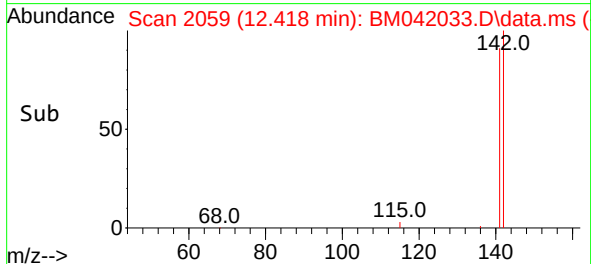
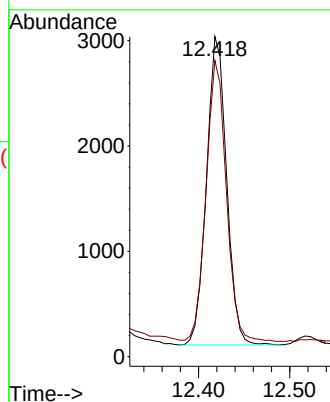
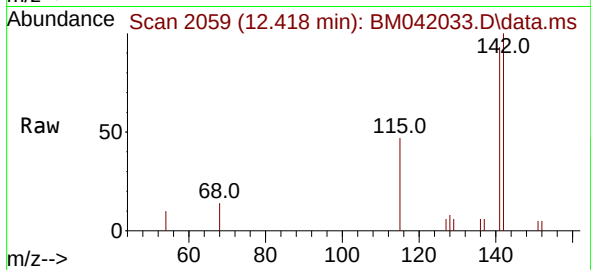




#7
2-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042033.D
Acq: 25 Sep 2023 14:57

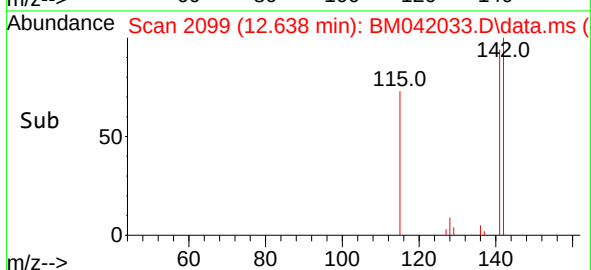
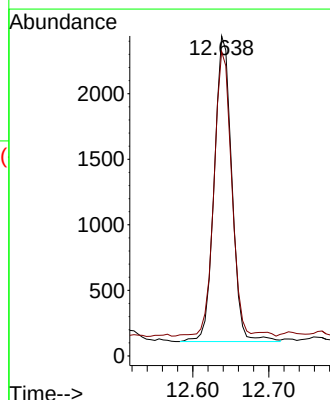
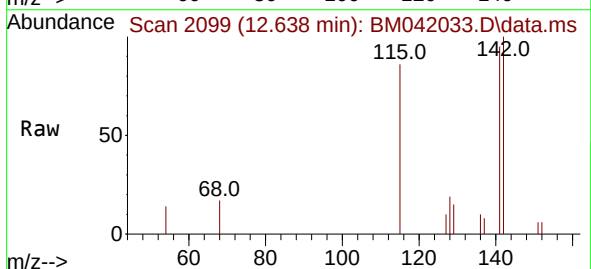
Instrument :
BNA_M
ClientSampleId :
BBBL2

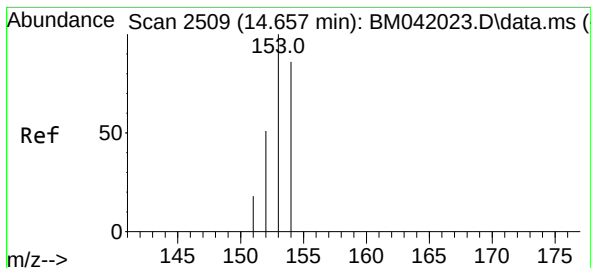
Tgt Ion:142 Resp: 4492
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042033.D
Acq: 25 Sep 2023 14:57

Tgt Ion:142 Resp: 3742
Ion Ratio Lower Upper
142 100
141 93.3 75.1 112.7





#11

Acenaphthene

Concen: 0.021 ng/uI

RT: 14.662 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

Instrument :

BNA_M

ClientSampleId :

BBBL2

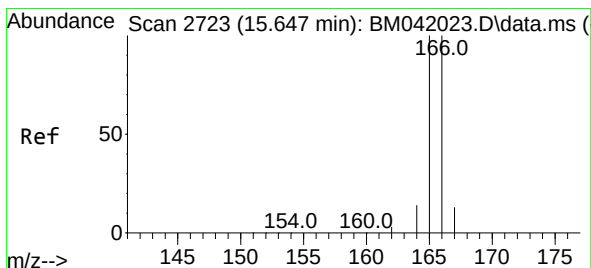
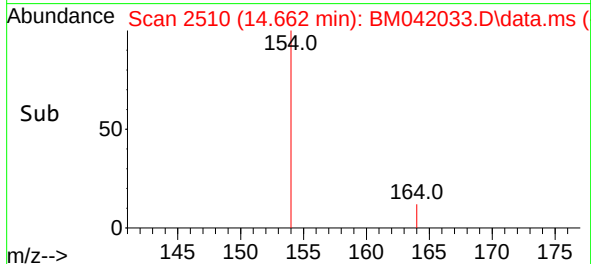
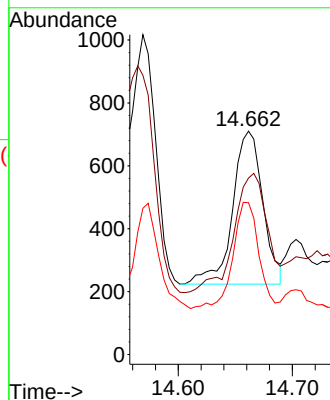
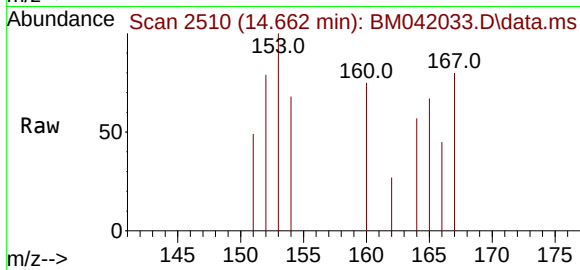
Tgt Ion:153 Resp: 899

Ion Ratio Lower Upper

153 100

152 79.0 41.8 62.8#

154 68.0 69.0 103.6#



#12

Fluorene

Concen: 0.039 ng/uI

RT: 15.647 min Scan# 2723

Delta R.T. -0.004 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

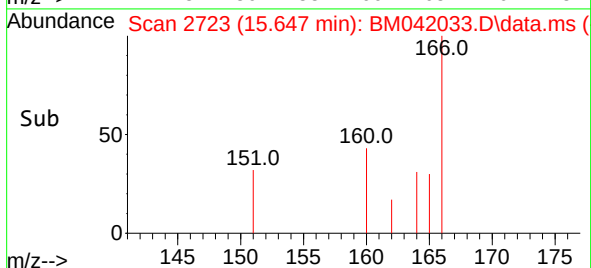
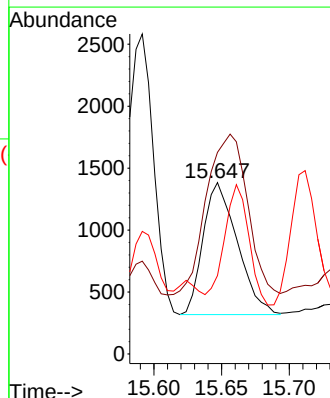
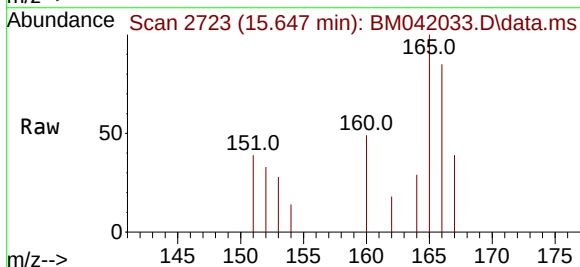
Tgt Ion:166 Resp: 1880

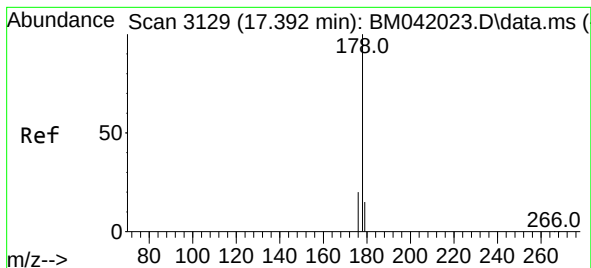
Ion Ratio Lower Upper

166 100

165 117.7 79.8 119.8

167 45.8 11.1 16.7#





#15

Phenanthrene

Concen: 0.059 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

Instrument :

BNA_M

ClientSampleId :

BBBL2

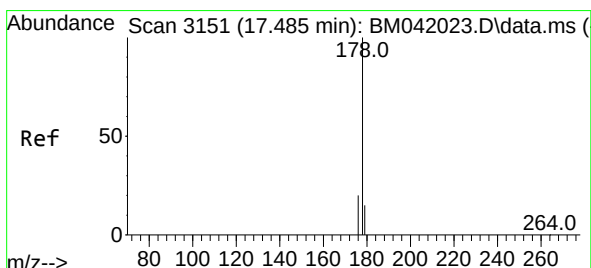
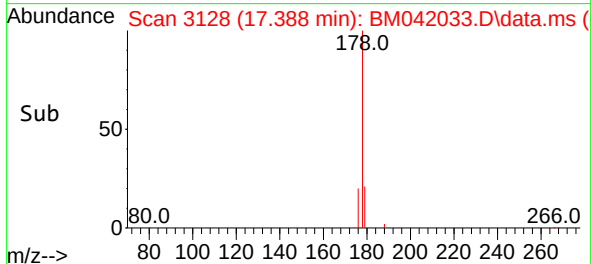
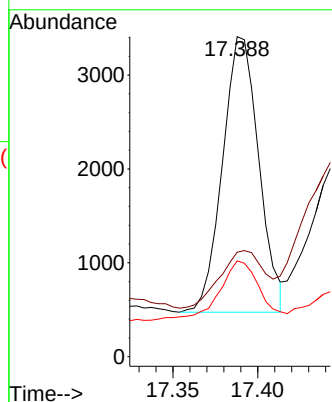
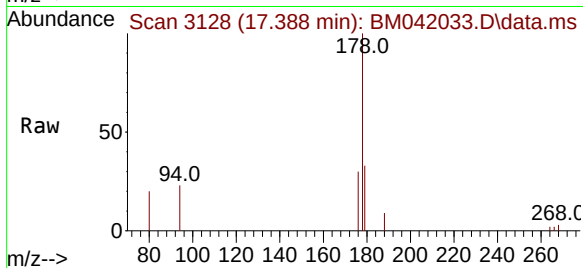
Tgt Ion:178 Resp: 4367

Ion Ratio Lower Upper

178 100

179 32.7 12.7 19.1#

176 30.0 16.6 24.8#



#16

Anthracene

Concen: 0.024 ng/ul

RT: 17.485 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

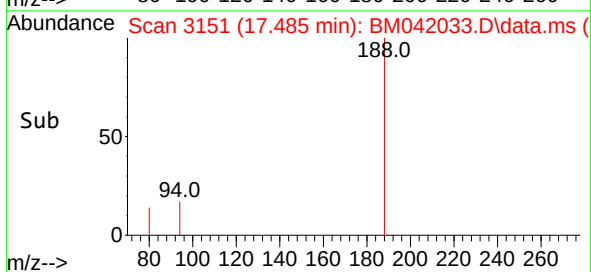
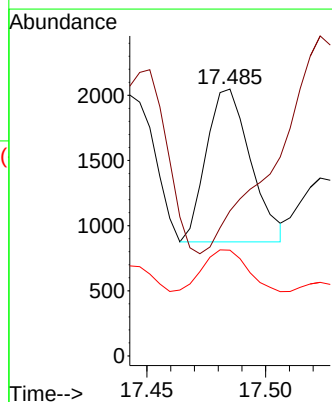
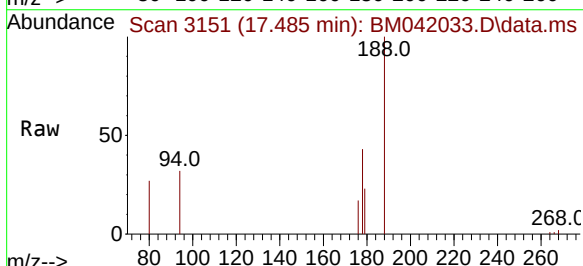
Tgt Ion:178 Resp: 1524

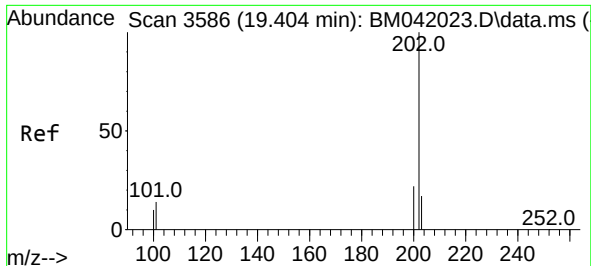
Ion Ratio Lower Upper

178 100

179 54.4 12.9 19.3#

176 39.6 16.2 24.2#





#19

Fluoranthene

Concen: 0.022 ng/ul

RT: 19.399 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

Instrument :

BNA_M

ClientSampleId :

BBBL2

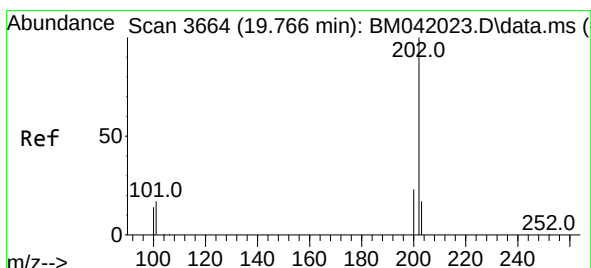
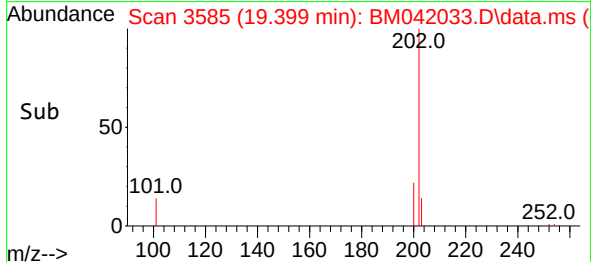
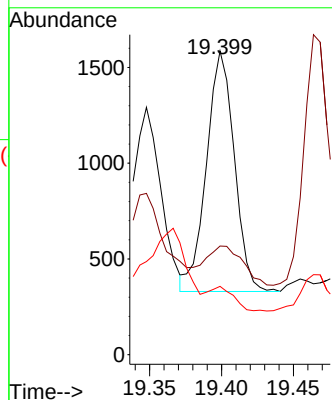
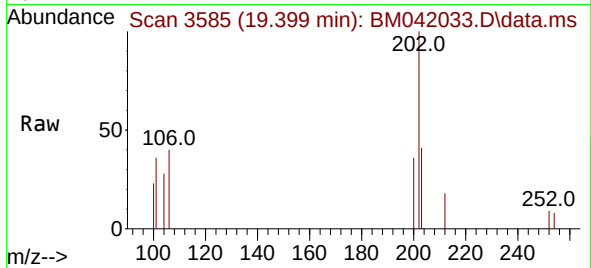
Tgt Ion:202 Resp: 1693

Ion Ratio Lower Upper

202 100

101 35.8 11.8 17.6#

100 22.5 9.1 13.7#



#20

Pyrene

Concen: 0.059 ng/ul

RT: 19.766 min Scan# 3664

Delta R.T. -0.004 min

Lab File: BM042033.D

Acq: 25 Sep 2023 14:57

Tgt Ion:202 Resp: 4452

Ion Ratio Lower Upper

202 100

101 25.2 14.1 21.1#

100 20.6 11.4 17.0#

