

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041953.D
 Acq On : 21 Sep 2023 12:39
 Operator : MA/JU
 Sample : 04378-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJS5

Quant Time: Sep 21 13:44:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 03:49:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	5983	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.774	136	13560	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.606	164	6158	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.358	188	14591	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.530	240	5779	0.400	ng/ul	#-0.01
23) Perylene-d12	23.941	264	6149	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	31278	4.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	5438	0.293	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	8988	0.421	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	9524	1.306	ng/ul	95
5) Naphthalene	10.829	128	3278742	73.413	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	135990	4.802	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	1387280	48.149	ng/ul	100
10) Acenaphthylene	14.319	152	16464	0.389	ng/ul#	4
11) Acenaphthene	14.666	153	55131	1.888	ng/ul	95
12) Fluorene	15.651	166	60738	1.780	ng/ul	99
15) Phenanthrene	17.396	178	82660	1.396	ng/ul	97
16) Anthracene	17.489	178	6370	0.113	ng/ul#	53
19) Fluoranthene	19.408	202	8141	0.187	ng/ul#	90
20) Pyrene	19.775	202	6248	0.138	ng/ul#	86

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

BNA M

ClientSampleId :

BBJS5

Abundance

TIC: BM041953.D\data.ms

Time-->

1,4-Dichlorobenzene-d4, I

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

Naphthalene

2-Methylnaphthalene-d10, SURR

1-Methylnaphthalene

Acenaphthylene

Acenaphthylene

Fluorene

Phenanthrene-d10, I

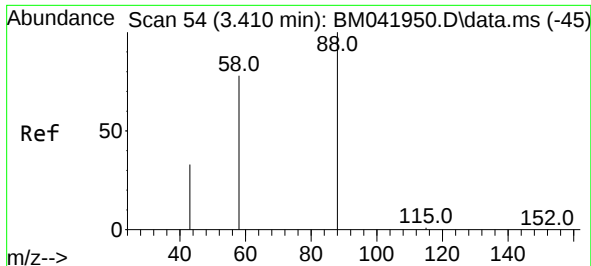
Phenanthrene-d10, I

Fluoranthene-d10, SURR

Pyrene

Chrysene-d12

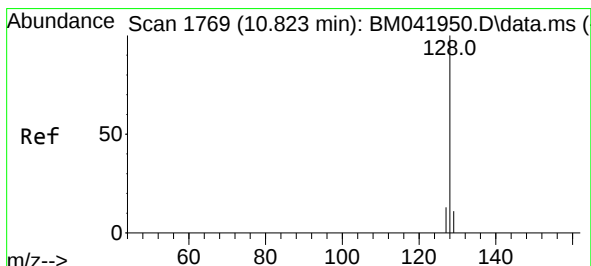
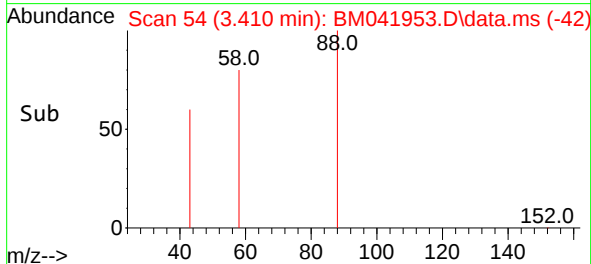
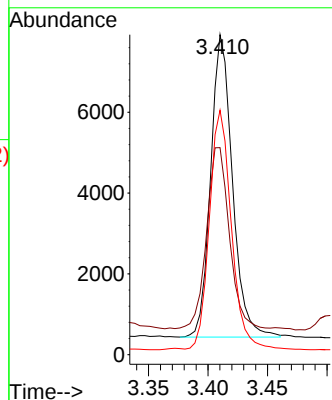
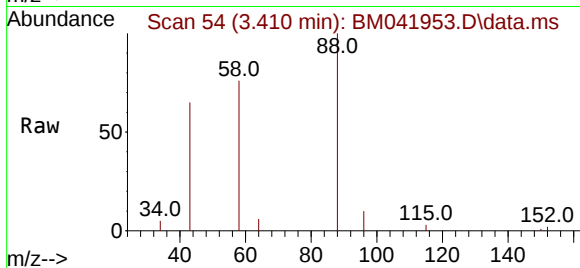
Perylene-d12, I



#2
1,4-Dioxane
Concen: 1.306 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.008 min
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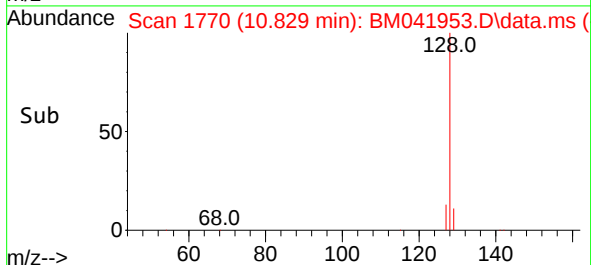
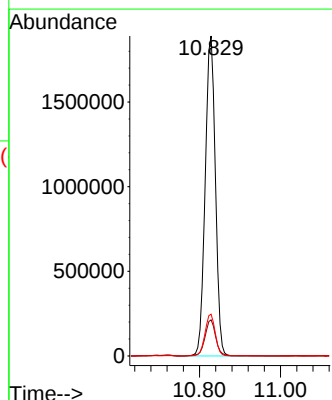
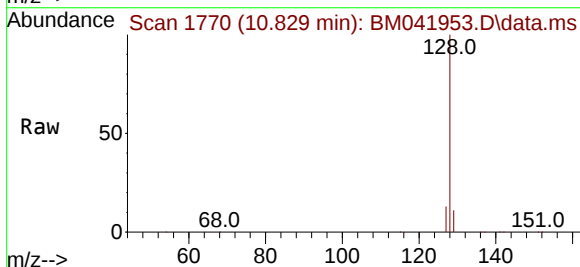
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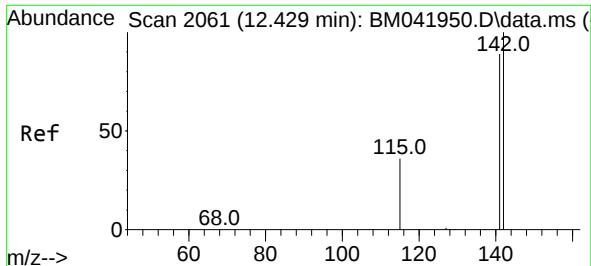
Tgt Ion: 88 Resp: 9524
Ion Ratio Lower Upper
88 100
43 64.7 51.0 76.4
58 76.4 56.2 84.4



#5
Naphthalene
Concen: 73.413 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

Tgt Ion:128 Resp: 3278742
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.6 16.0

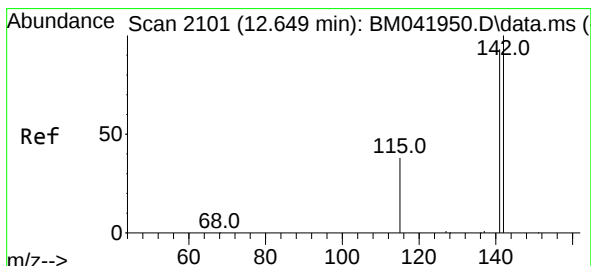
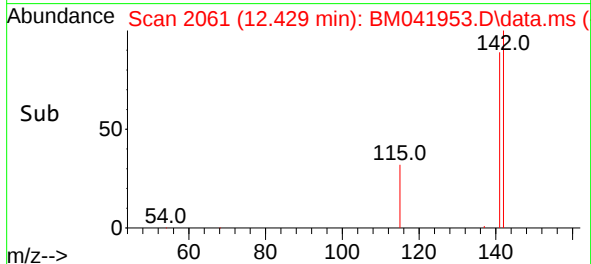
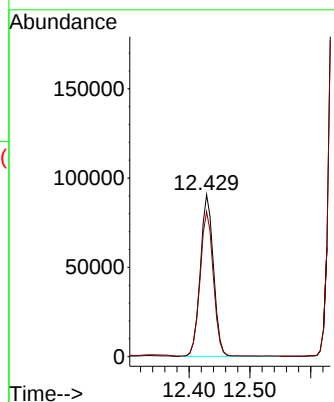
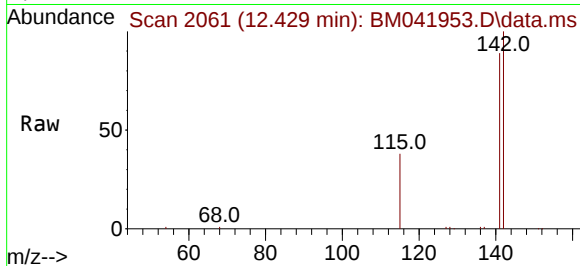




#7
2-Methylnaphthalene
Concen: 4.802 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. -0.016 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

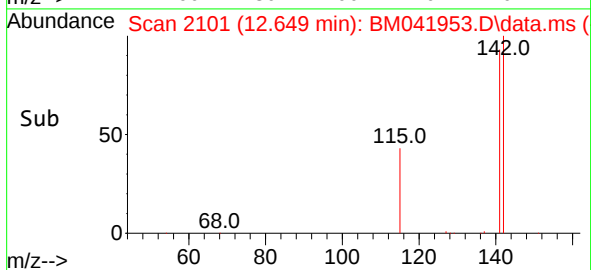
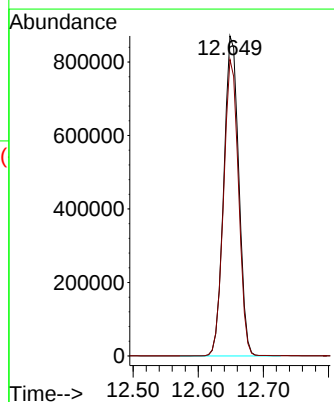
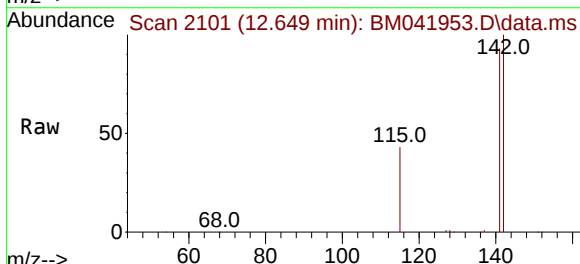
Instrument :
BNA_M
ClientSampleId :
BBJS5

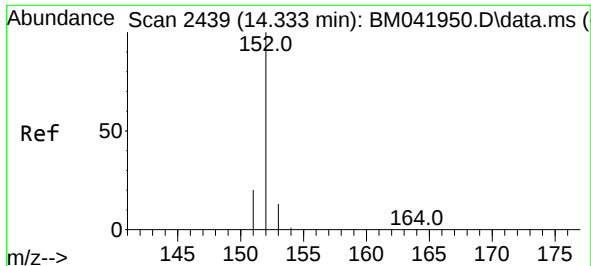
Tgt Ion:142 Resp: 135990
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 48.149 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.016 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

Tgt Ion:142 Resp: 1387280
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

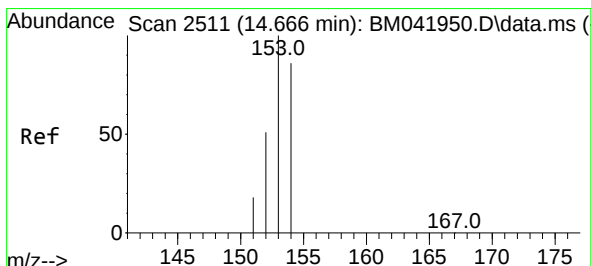
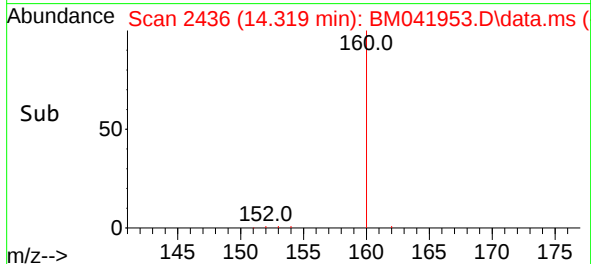
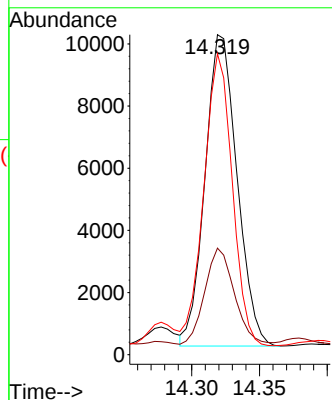
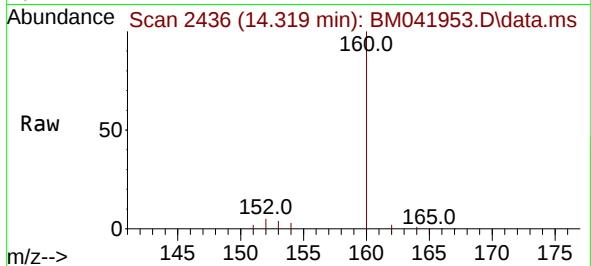




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.023 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

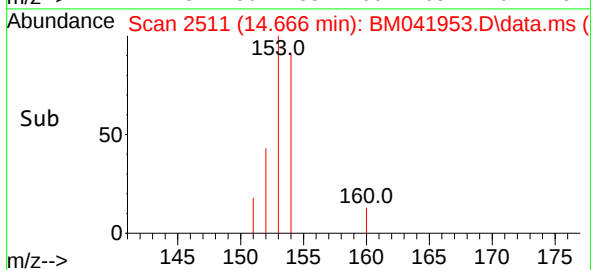
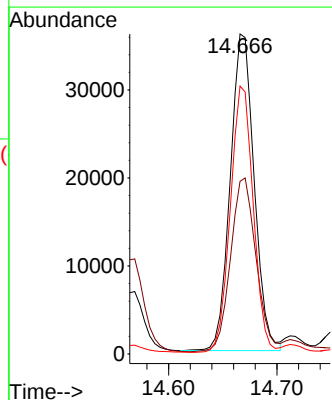
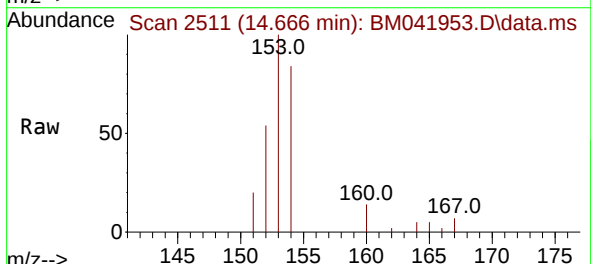
Instrument :
BNA_M
ClientSampleId :
BBJS5

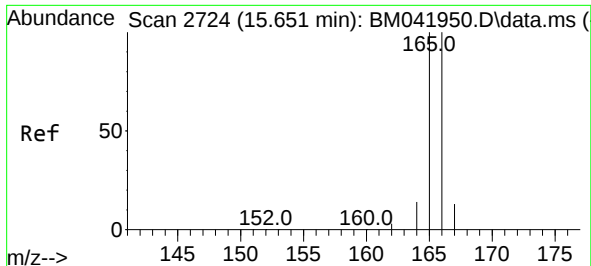
Tgt Ion:152 Resp: 16464
Ion Ratio Lower Upper
152 100
151 33.3 16.4 24.6#
153 94.1 10.6 16.0#



#11
Acenaphthene
Concen: 1.888 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.014 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

Tgt Ion:153 Resp: 55131
Ion Ratio Lower Upper
153 100
152 53.9 40.5 60.7
154 83.7 70.2 105.4

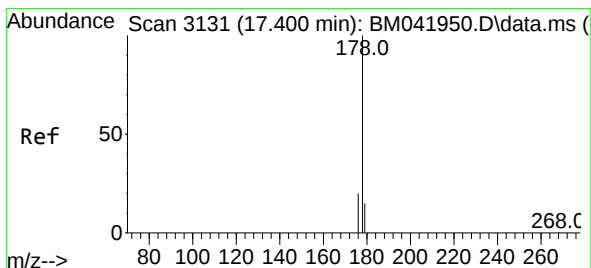
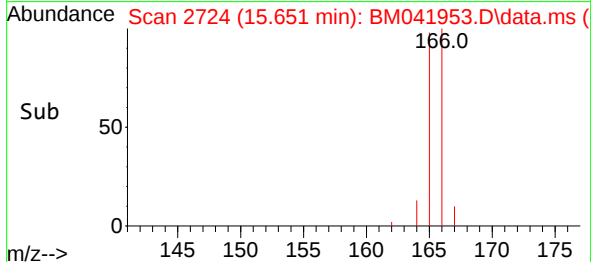
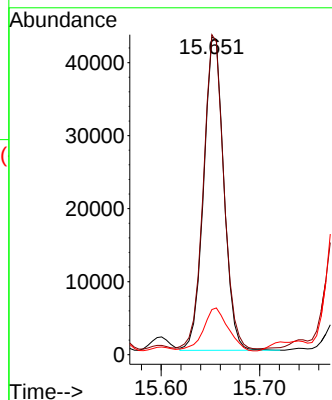
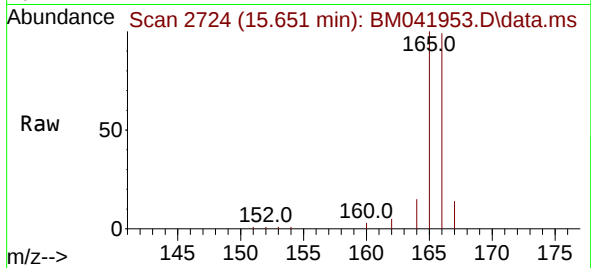




#12
Fluorene
Concen: 1.780 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

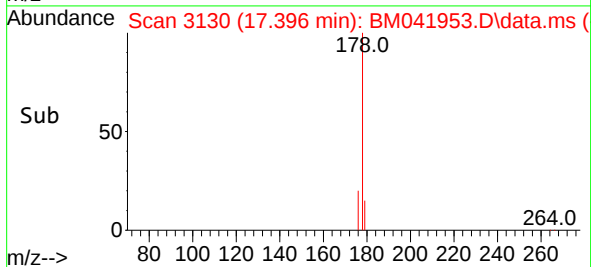
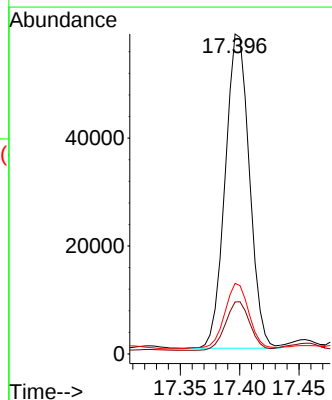
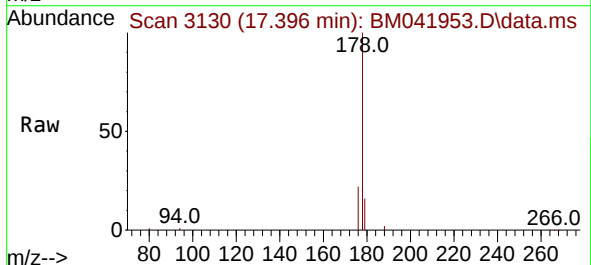
Instrument :
BNA_M
ClientSampleId :
BBJS5

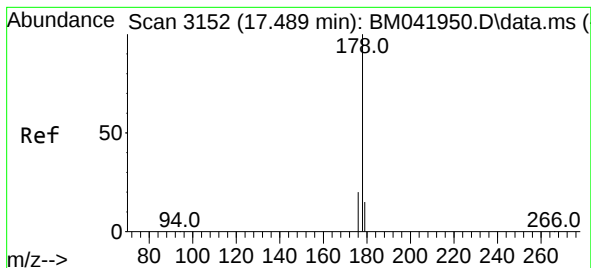
Tgt Ion:166 Resp: 60738
Ion Ratio Lower Upper
166 100
165 100.8 81.4 122.0
167 14.2 11.0 16.6



#15
Phenanthrene
Concen: 1.396 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.017 min
Lab File: BM041953.D
Acq: 21 Sep 2023 12:39

Tgt Ion:178 Resp: 82660
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 22.0 16.1 24.1





#16

Anthracene

Concen: 0.113 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. -0.013 min

Lab File: BM041953.D

Acq: 21 Sep 2023 12:39

Instrument :

BNA_M

ClientSampleId :

BBJS5

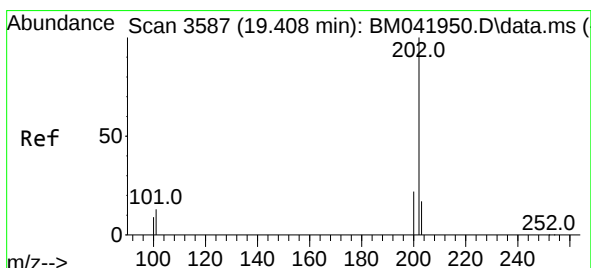
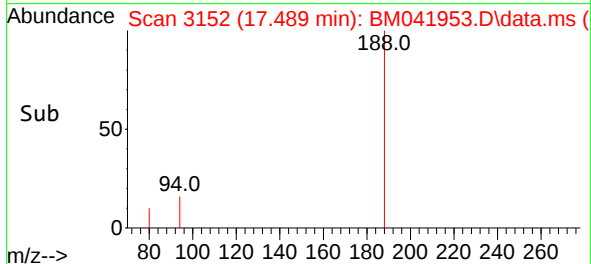
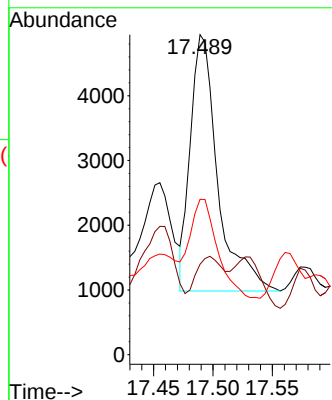
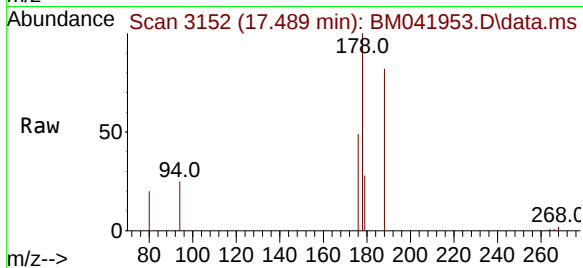
Tgt Ion:178 Resp: 6370

Ion Ratio Lower Upper

178 100

179 28.2 12.9 19.3#

176 48.5 16.3 24.5#



#19

Fluoranthene

Concen: 0.187 ng/ul

RT: 19.408 min Scan# 3587

Delta R.T. -0.014 min

Lab File: BM041953.D

Acq: 21 Sep 2023 12:39

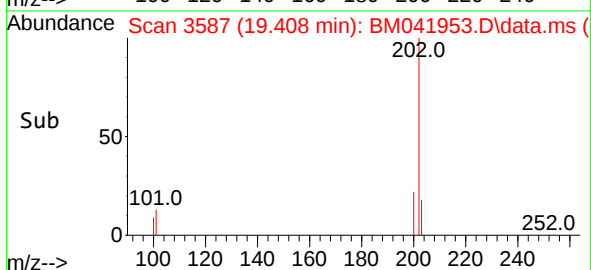
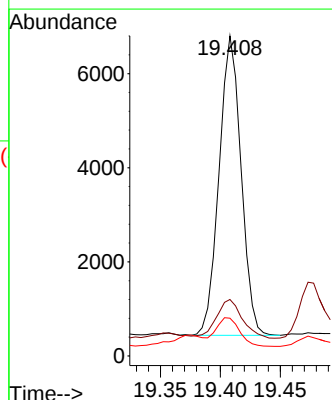
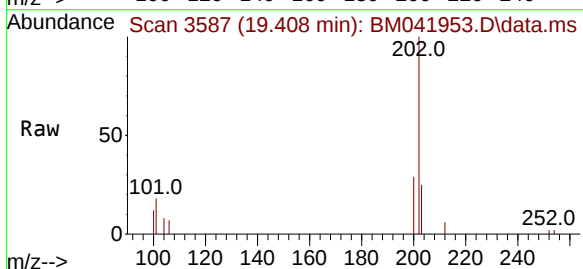
Tgt Ion:202 Resp: 8141

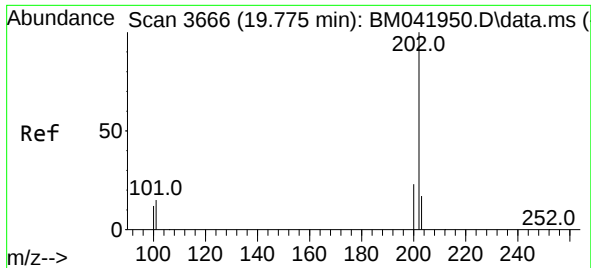
Ion Ratio Lower Upper

202 100

101 17.6 10.1 15.1#

100 11.8 7.5 11.3#





#20
 Pyrene
 Concen: 0.138 ng/ul
 RT: 19.775 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BM041953.D
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Instrument :
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 BBJ5

Tgt Ion:202 Resp: 6248
 Ion Ratio Lower Upper
 202 100
 101 21.1 11.8 17.6#
 100 16.2 9.3 13.9#

