

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041789.D
 Acq On : 11 Sep 2023 21:25
 Operator : MA/JU
 Sample : 04247-14DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ10DL

Quant Time: Sep 12 04:28:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

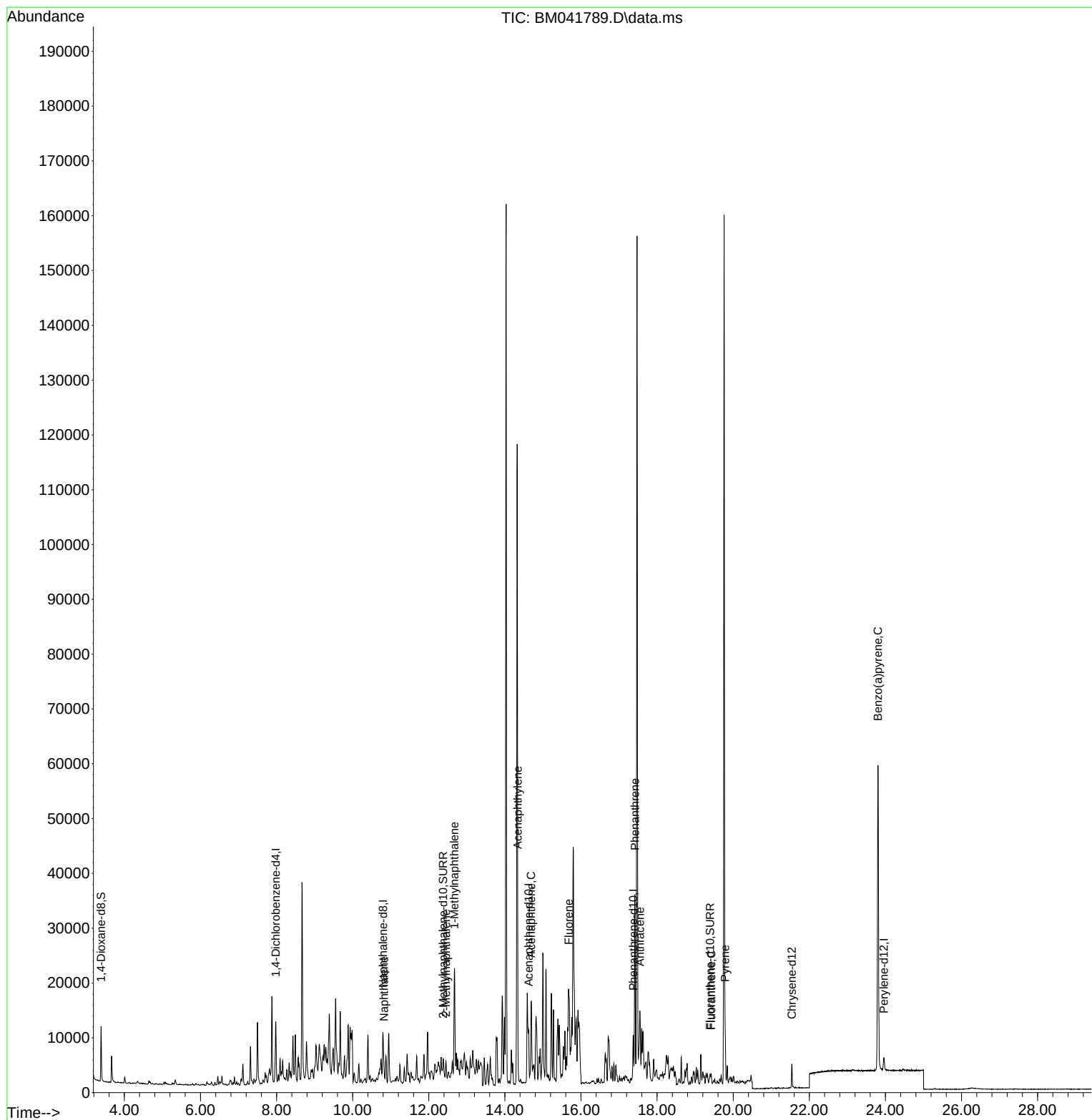
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4187	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.796	136	10000	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.624	164	5018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	8460	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	3043	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	3123	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	5322	0.832	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.374	152	957	0.074	ng/ul	-0.01
18) Fluoranthene-d10	19.394	212	1236	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.823	128	1223	0.037	ng/ul#	1
7) 2-Methylnaphthalene	12.451	142	2163	0.116	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	8151	0.435	ng/ul	91
10) Acenaphthylene	14.338	152	1702	0.055	ng/ul#	1
11) Acenaphthene	14.689	153	7762	0.322	ng/ul#	81
12) Fluorene	15.675	166	10412	0.385	ng/ul#	90
15) Phenanthrene	17.417	178	35836	1.003	ng/ul	97
16) Anthracene	17.548	178	9217	0.301	ng/ul#	1
19) Fluoranthene	19.422	202	1524	0.042	ng/ul#	76
20) Pyrene	19.789	202	7737	0.217	ng/ul#	85
26) Benzo(a)pyrene	23.804	252	697	0.031	ng/ul#	1

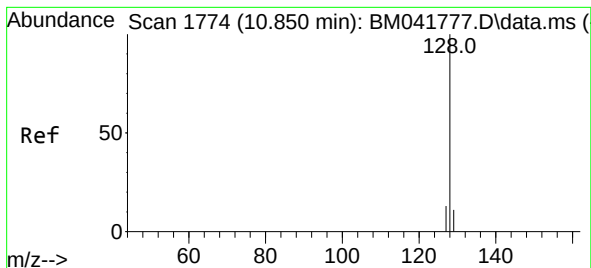
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.037 ng/ul

RT: 10.823 min Scan# 1

Delta R.T. -0.033 min

Lab File: BM041789.D

Acq: 11 Sep 2023 21:25

Instrument :

BNA_M

ClientSampleId :

BBJ10DL

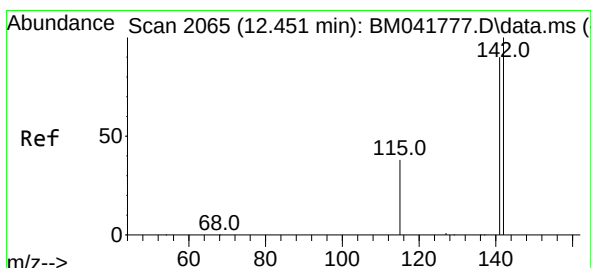
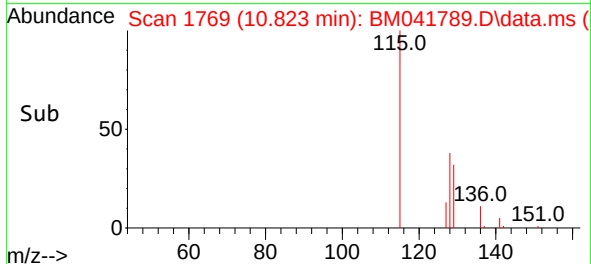
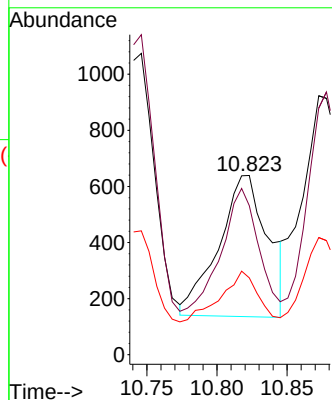
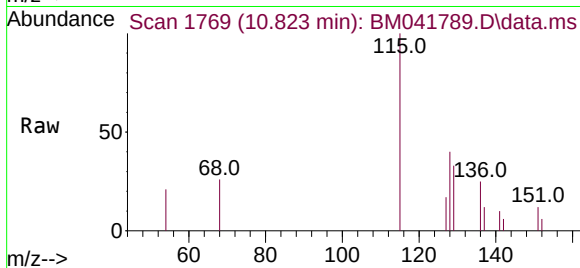
Tgt Ion:128 Resp: 1223

Ion Ratio Lower Upper

128 100

129 83.1 9.4 14.0#

127 42.9 11.0 16.6#



#7

2-Methylnaphthalene

Concen: 0.116 ng/ul

RT: 12.451 min Scan# 2065

Delta R.T. -0.011 min

Lab File: BM041789.D

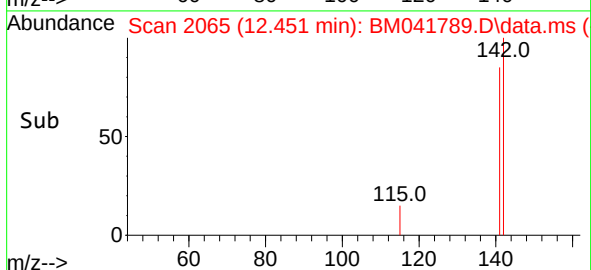
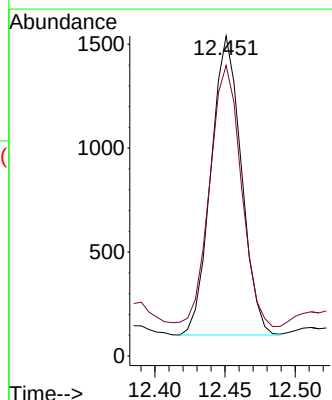
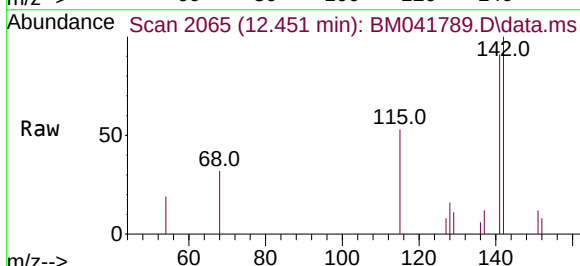
Acq: 11 Sep 2023 21:25

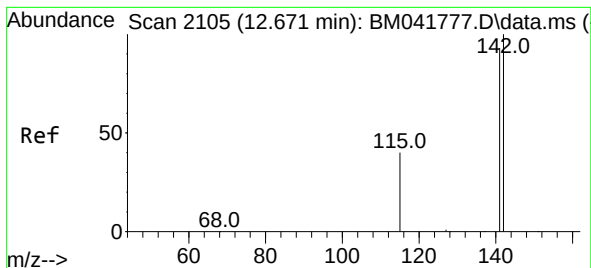
Tgt Ion:142 Resp: 2163

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.435 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. -0.011 min

Lab File: BM041789.D

Acq: 11 Sep 2023 21:25

Instrument :

BNA_M

ClientSampleId :

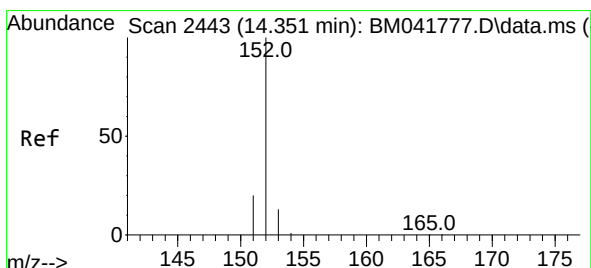
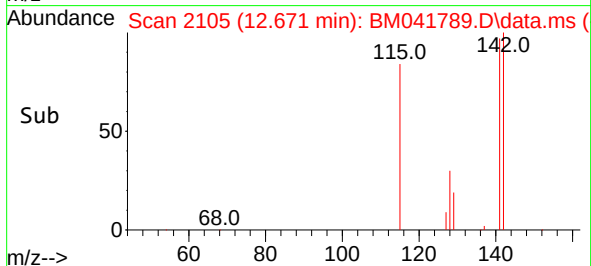
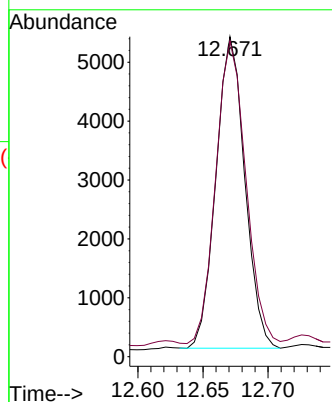
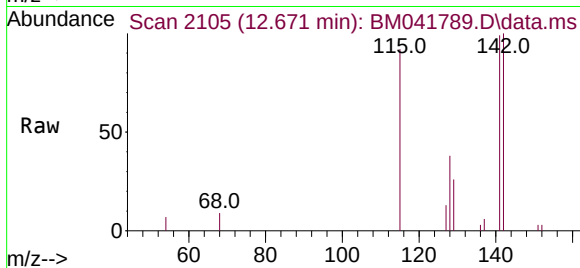
BBJ10DL

Tgt Ion:142 Resp: 8151

Ion Ratio Lower Upper

142 100

141 101.5 74.4 111.6



#10

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.023 min

Lab File: BM041789.D

Acq: 11 Sep 2023 21:25

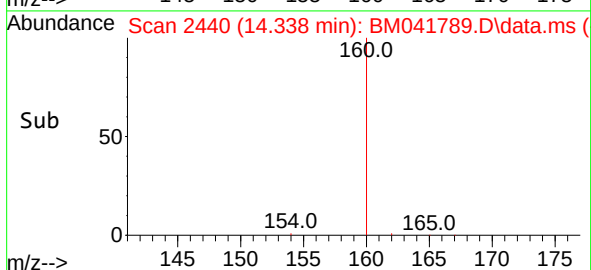
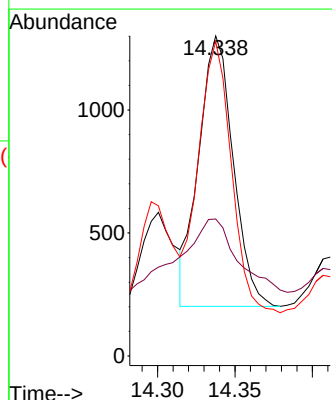
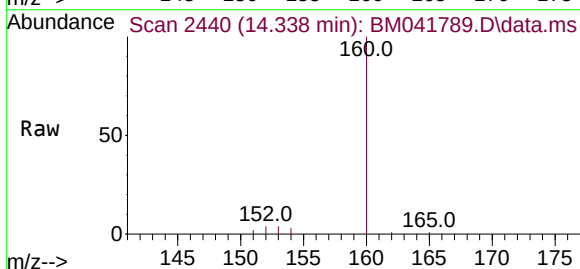
Tgt Ion:152 Resp: 1702

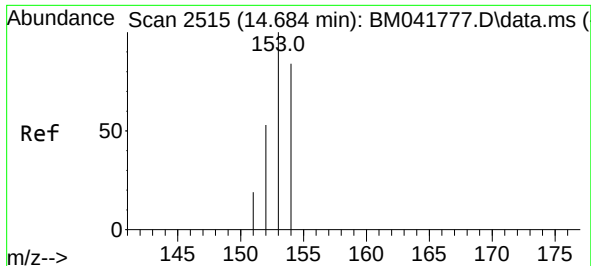
Ion Ratio Lower Upper

152 100

151 42.8 16.4 24.6#

153 98.3 11.1 16.7#

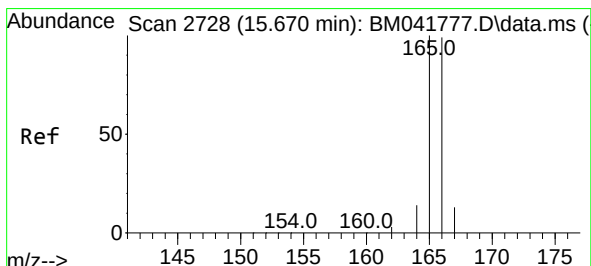
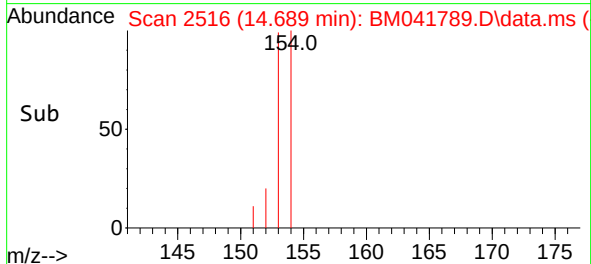
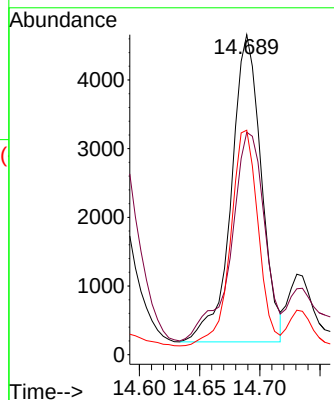
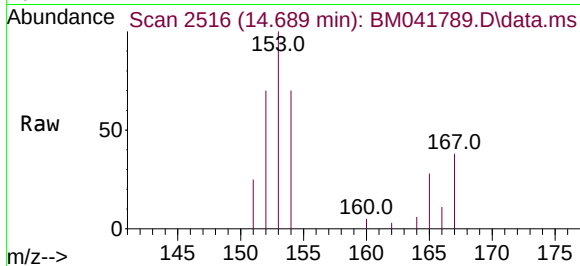




#11
Acenaphthene
Concen: 0.322 ng/u1
RT: 14.689 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

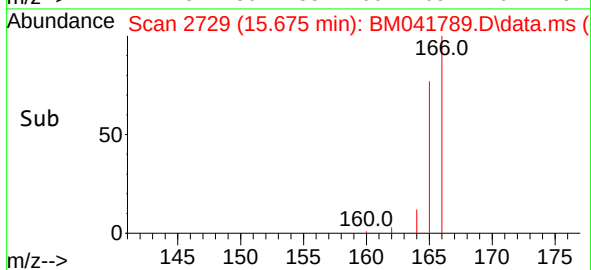
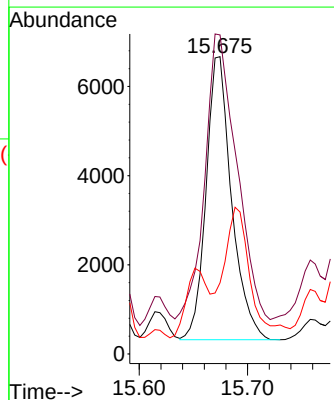
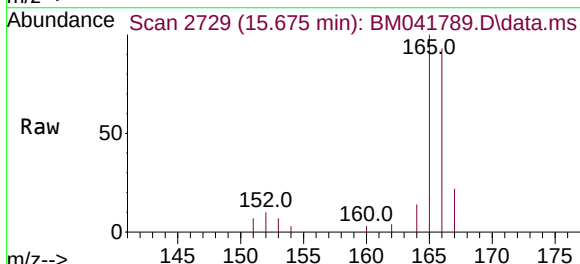
Instrument :
BNA_M
ClientSampleId :
BBJ10DL

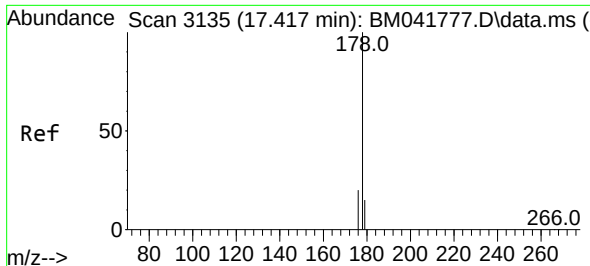
Tgt Ion:153 Resp: 7762
Ion Ratio Lower Upper
153 100
152 69.5 43.4 65.2#
154 70.2 69.4 104.0



#12
Fluorene
Concen: 0.385 ng/u1
RT: 15.675 min Scan# 2729
Delta R.T. -0.005 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

Tgt Ion:166 Resp: 10412
Ion Ratio Lower Upper
166 100
165 107.3 79.4 119.2
167 23.9 11.3 16.9#

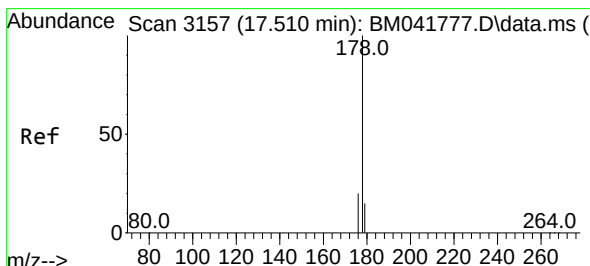
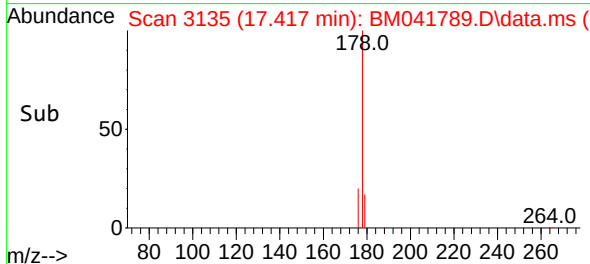
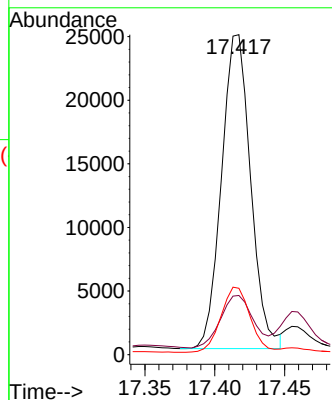
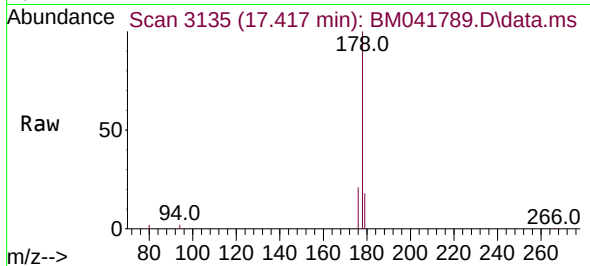




#15
Phenanthrene
Concen: 1.003 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

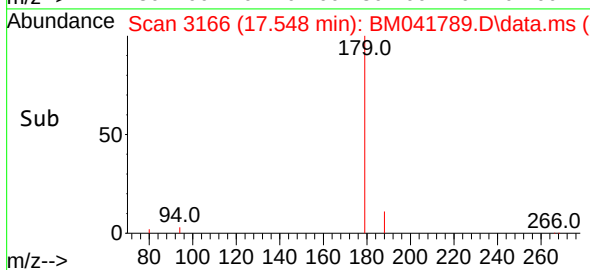
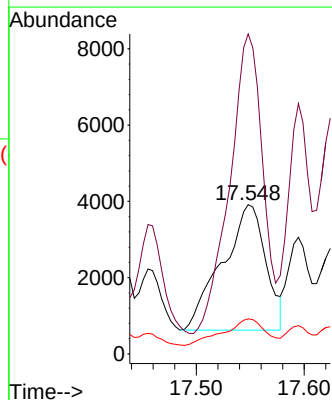
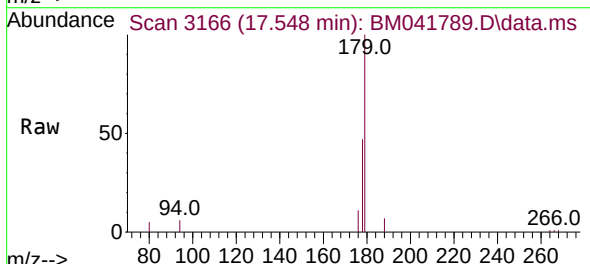
Instrument :
BNA_M
ClientSampleId :
BBJ10DL

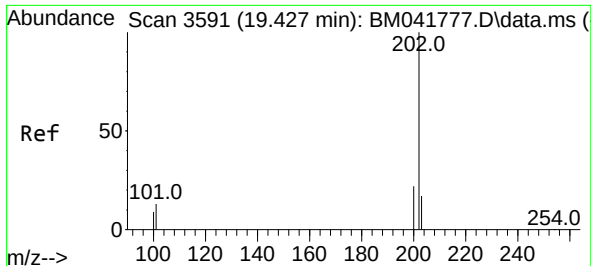
Tgt Ion:178 Resp: 35836
Ion Ratio Lower Upper
178 100
179 18.5 12.9 19.3
176 20.7 16.9 25.3



#16
Anthracene
Concen: 0.301 ng/u1
RT: 17.548 min Scan# 3166
Delta R.T. 0.034 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

Tgt Ion:178 Resp: 9217
Ion Ratio Lower Upper
178 100
179 214.5 12.9 19.3#
176 23.4 15.8 23.8

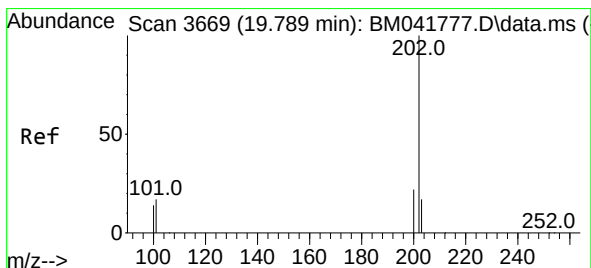
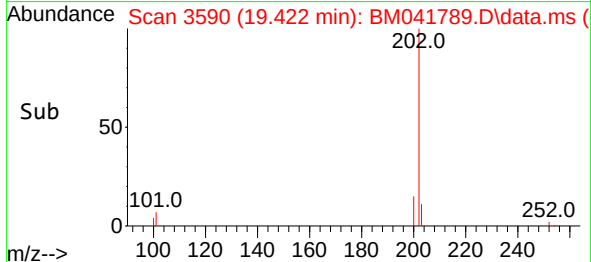
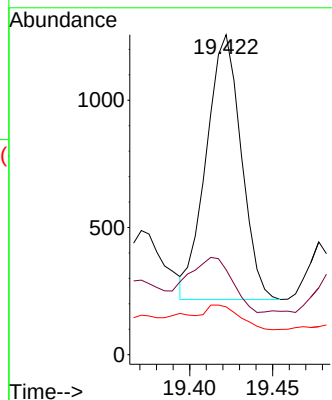
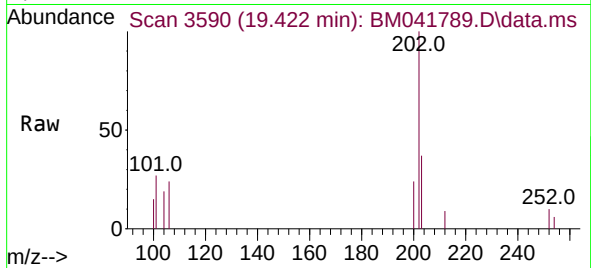




#19
Fluoranthene
Concen: 0.042 ng/uI
RT: 19.422 min Scan# 3590
Delta R.T. -0.009 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

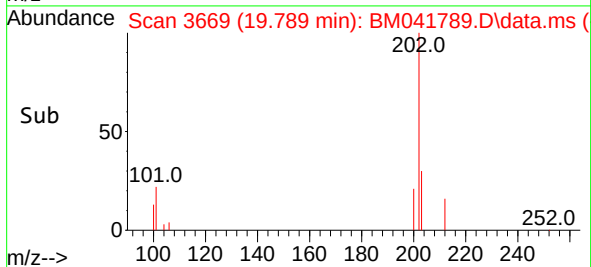
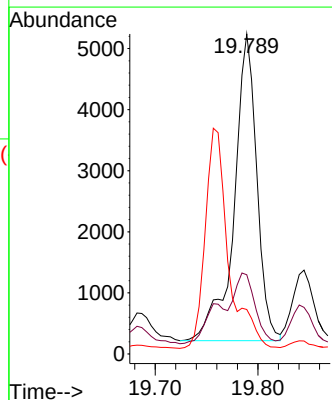
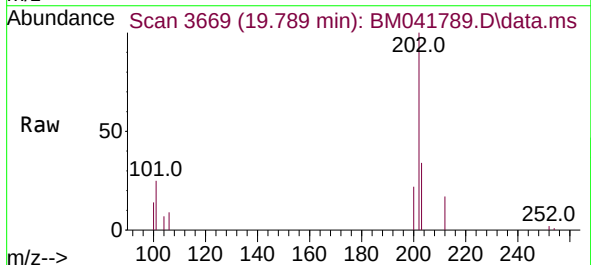
Instrument :
BNA_M
ClientSampleId :
BBJ10DL

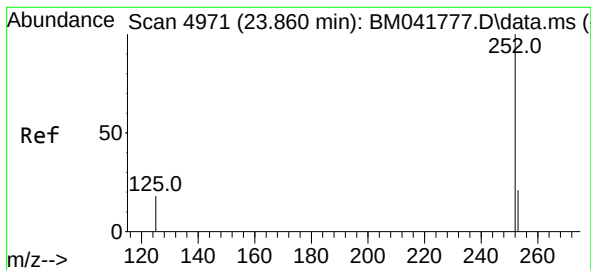
Tgt Ion:202 Resp: 1524
Ion Ratio Lower Upper
202 100
101 26.6 10.5 15.7#
100 14.9 8.4 12.6#



#20
Pyrene
Concen: 0.217 ng/uI
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041789.D
Acq: 11 Sep 2023 21:25

Tgt Ion:202 Resp: 7737
Ion Ratio Lower Upper
202 100
101 24.7 11.8 17.8#
100 13.9 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.804 min Scan# 49

Delta R.T. -0.058 min

Lab File: BM041789.D

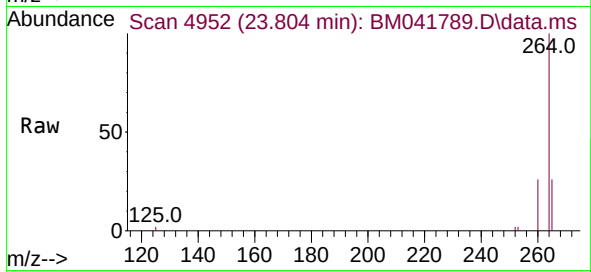
Acq: 11 Sep 2023 21:25

Instrument :

BNA_M

ClientSampleId :

BBJ10DL



Tgt Ion:252 Resp: 697

Ion Ratio Lower Upper

252 100

253 88.1 22.4 33.6#

125 109.8 21.0 31.4#

