

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042199.D
 Acq On : 04 Oct 2023 23:05
 Operator : MA/JU
 Sample : 04588-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJR6

Quant Time: Oct 05 01:55:43 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)

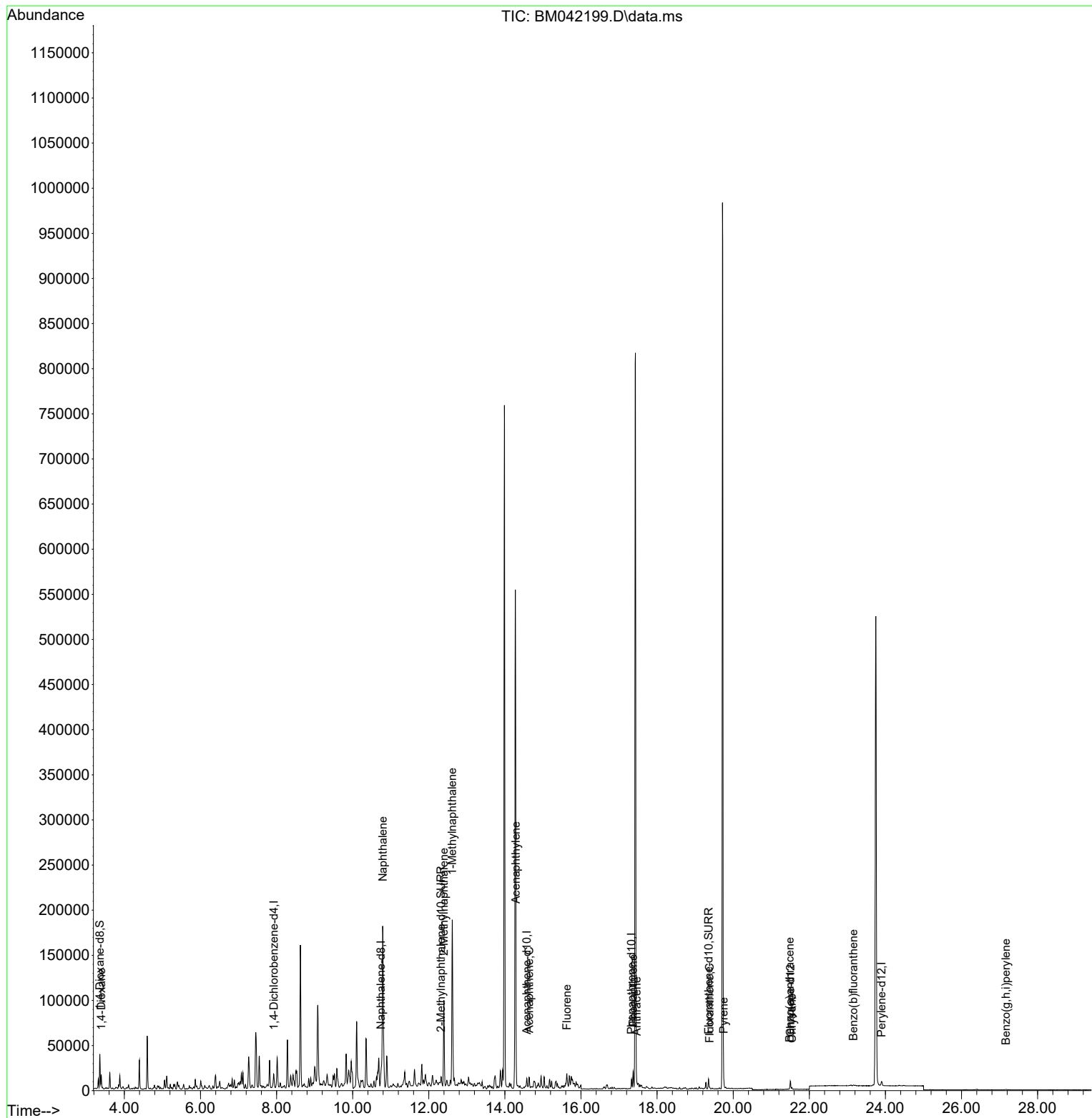
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3643	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	9160	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	4736	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.329	188	11121	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.504	240	6869	0.400	ng/ul	-0.01
23) Perylene-d12	23.901	264	7015	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	19752	4.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	5240	0.417	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	9675	0.375	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	8673	1.712	ng/ul#	79
5) Naphthalene	10.790	128	251847	8.241	ng/ul	98
7) 2-Methylnaphthalene	12.396	142	65241	3.566	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	119952	6.508	ng/ul	100
10) Acenaphthylene	14.291	152	1744	0.058	ng/ul#	1
11) Acenaphthene	14.638	153	7146	0.316	ng/ul	96
12) Fluorene	15.624	166	9782	0.383	ng/ul	94
15) Phenanthrene	17.371	178	20994	0.458	ng/ul	96
16) Anthracene	17.464	178	1865	0.044	ng/ul#	74
19) Fluoranthene	19.380	202	1780	0.034	ng/ul#	73
20) Pyrene	19.752	202	5728	0.103	ng/ul#	92
21) Benzo(a)anthracene	21.486	228	2097	0.047	ng/ul#	74
22) Chrysene	21.539	228	1787	0.041	ng/ul#	73
24) Benzo(b)fluoranthene	23.161	252	1322	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.166	276	1090	0.026	ng/ul#	49

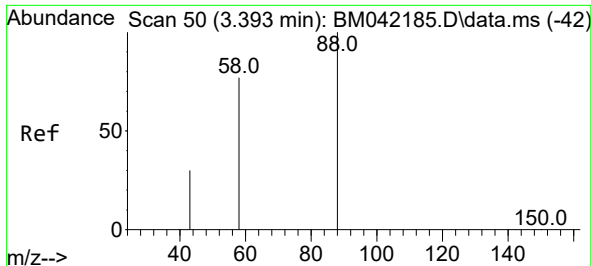
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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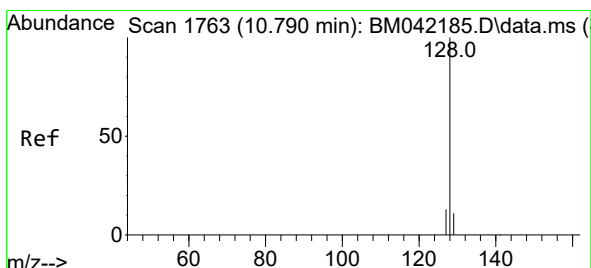
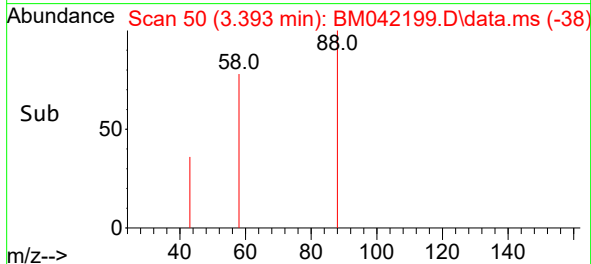
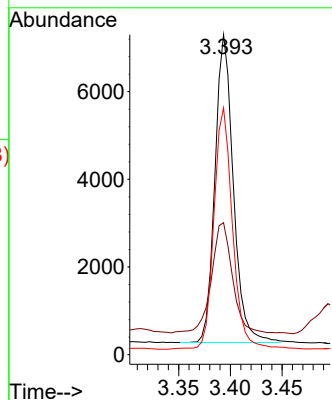
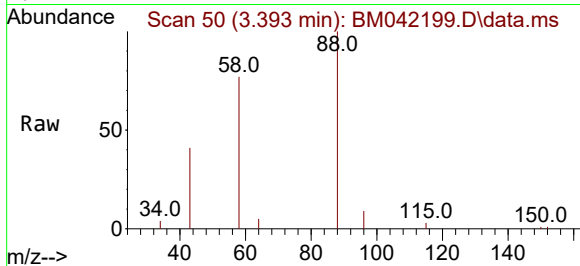




#2
1,4-Dioxane
Concen: 1.712 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

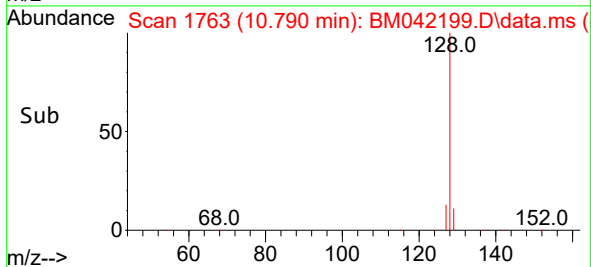
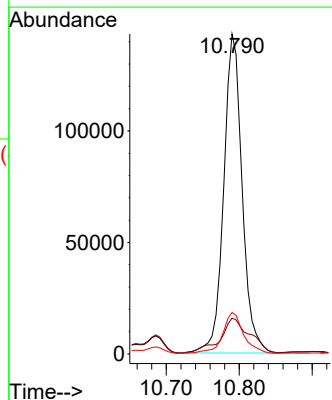
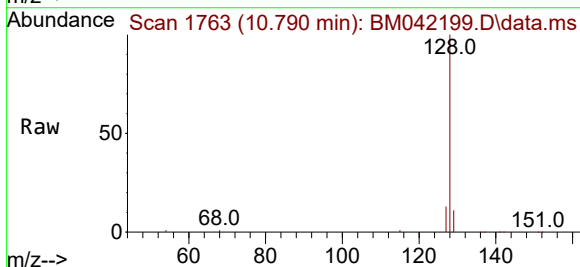
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BNA_M
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BBJR6

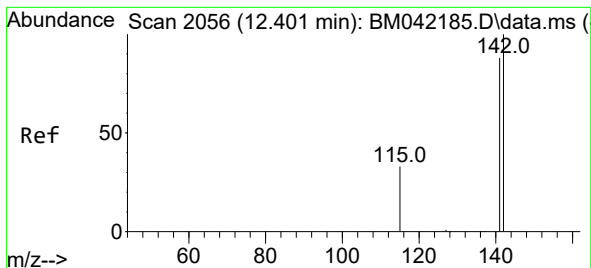
Tgt Ion: 88 Resp: 8673
Ion Ratio Lower Upper
88 100
43 41.2 52.1 78.1#
58 77.1 53.8 80.6



#5
Naphthalene
Concen: 8.241 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

Tgt Ion: 128 Resp: 251847
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.0 11.0 16.4

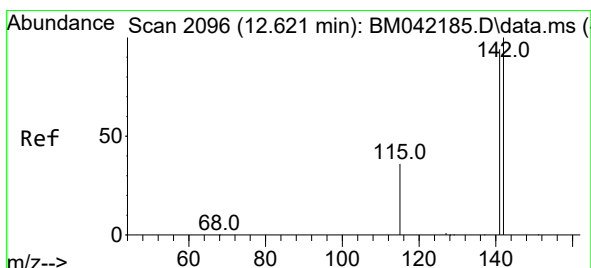
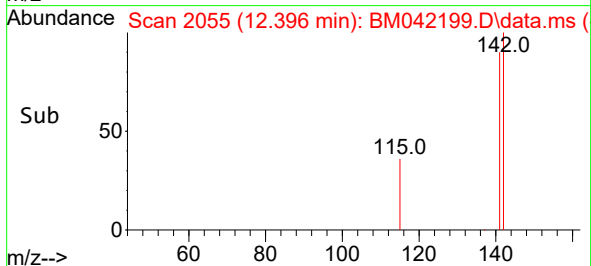
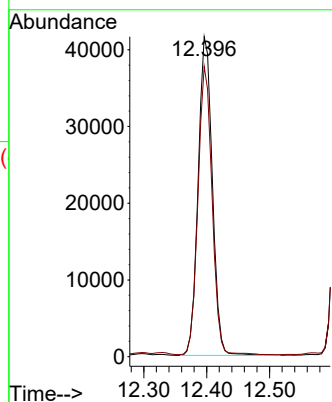
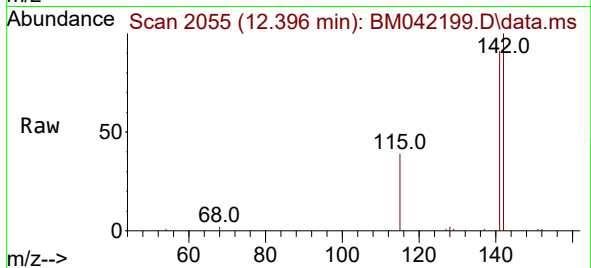




#7
2-Methylnaphthalene
Concen: 3.566 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

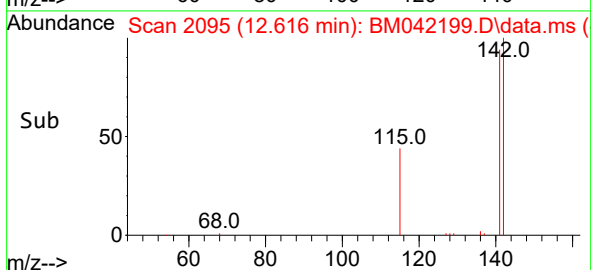
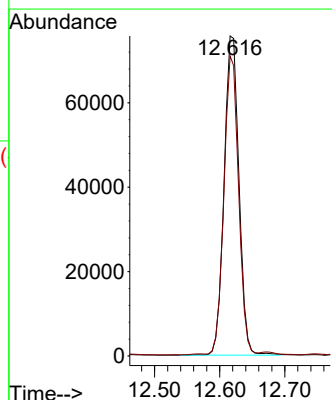
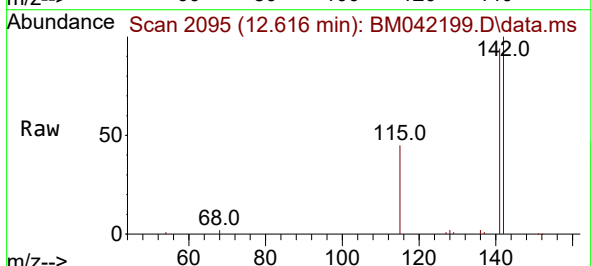
Instrument :
BNA_M
ClientSampleId :
BBJR6

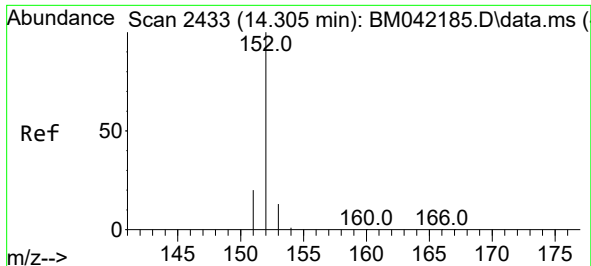
Tgt Ion:142 Resp: 65241
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4



#8
1-Methylnaphthalene
Concen: 6.508 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

Tgt Ion:142 Resp: 119952
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3

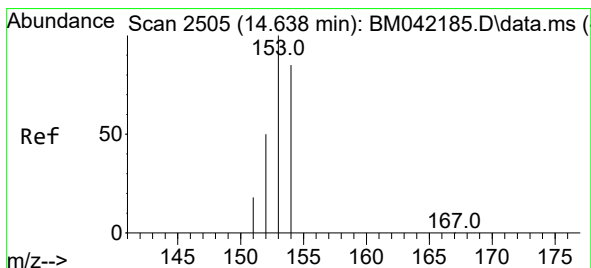
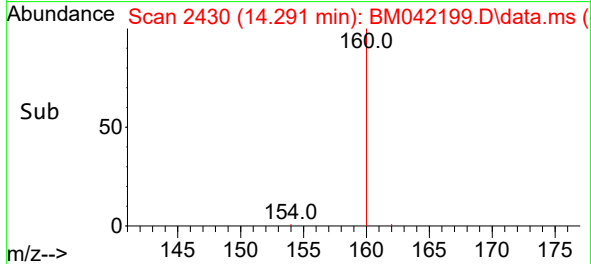
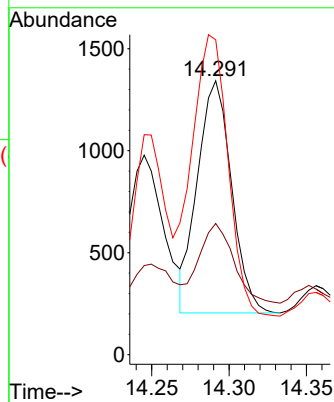
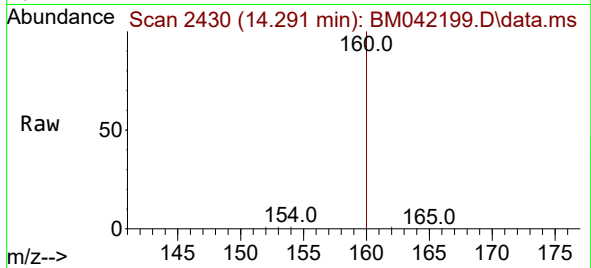




#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.291 min Scan# 2433
Delta R.T. -0.023 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

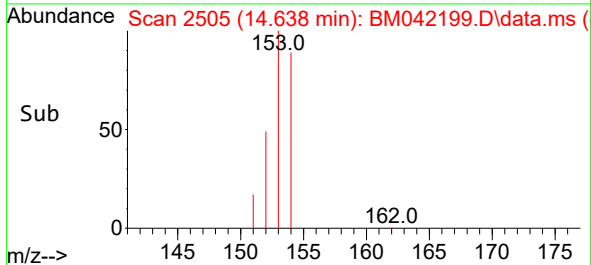
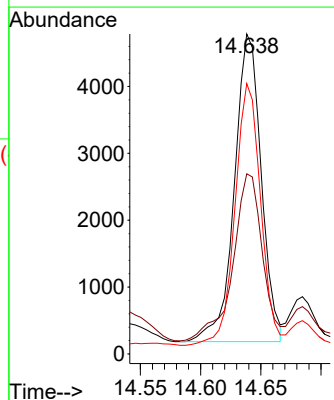
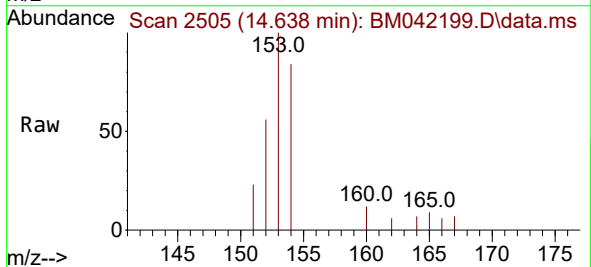
Instrument :
BNA_M
ClientSampleId :
BBJR6

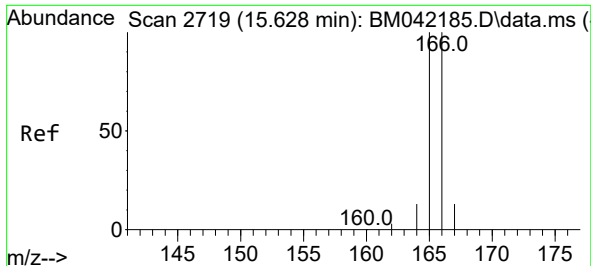
Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
151 47.9 16.4 24.6#
153 115.0 10.9 16.3#



#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

Tgt Ion:153 Resp: 7146
Ion Ratio Lower Upper
153 100
152 56.3 41.1 61.7
154 84.5 69.5 104.3

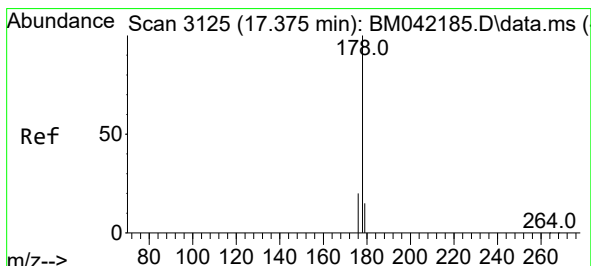
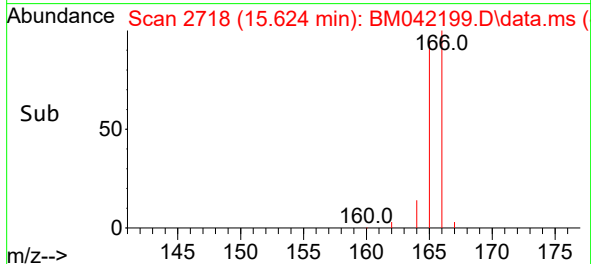
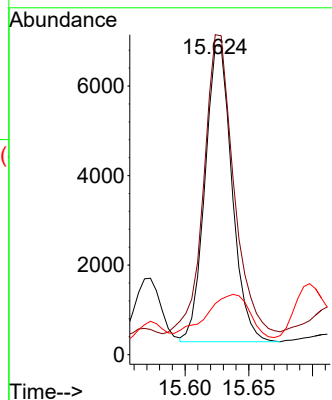
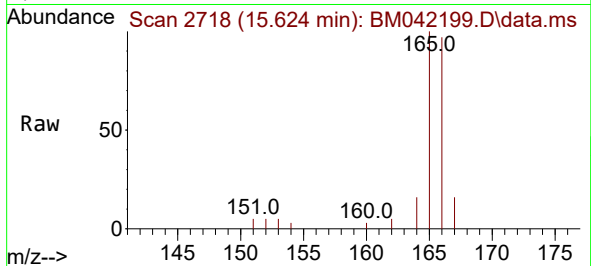




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.624 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

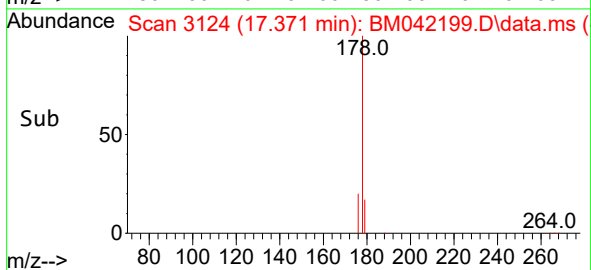
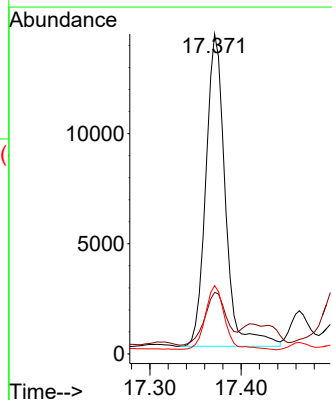
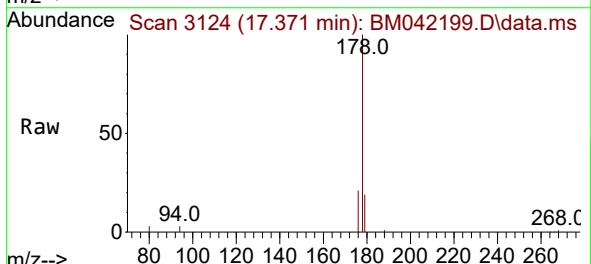
Instrument :
BNA_M
ClientSampleId :
BBJR6

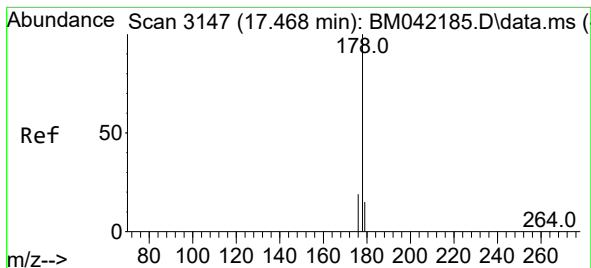
Tgt Ion:166 Resp: 9782
Ion Ratio Lower Upper
166 100
165 103.6 78.4 117.6
167 16.5 11.5 17.3



#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

Tgt Ion:178 Resp: 20994
Ion Ratio Lower Upper
178 100
179 19.2 13.0 19.4
176 21.3 16.8 25.2

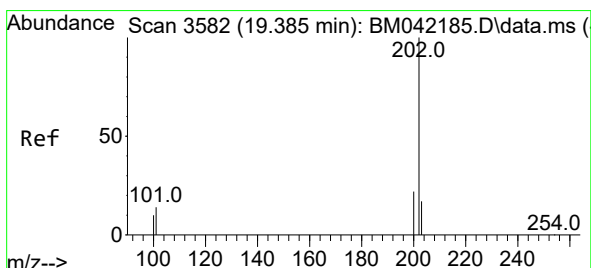
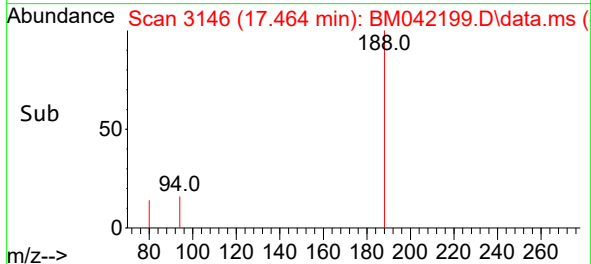
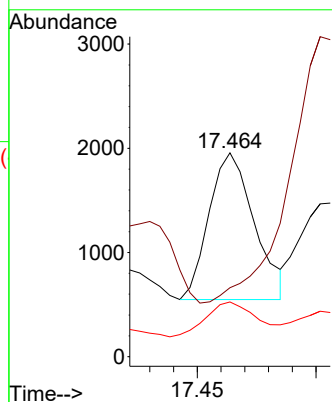
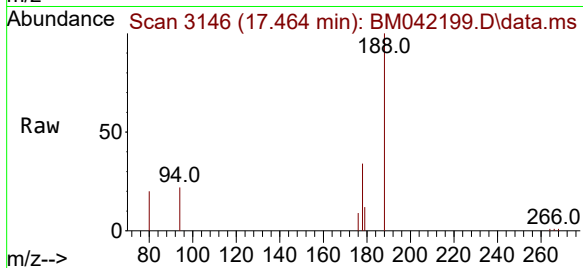




#16
Anthracene
Concen: 0.044 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

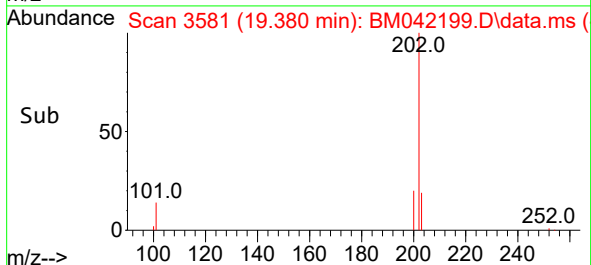
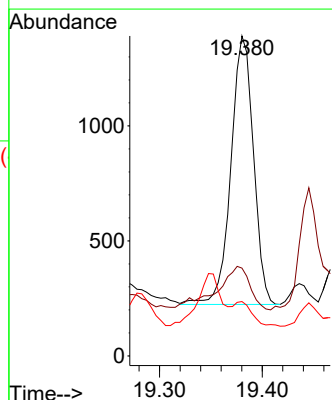
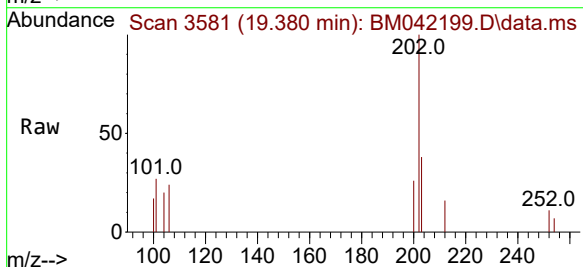
Instrument :
BNA_M
ClientSampleId :
BBJR6

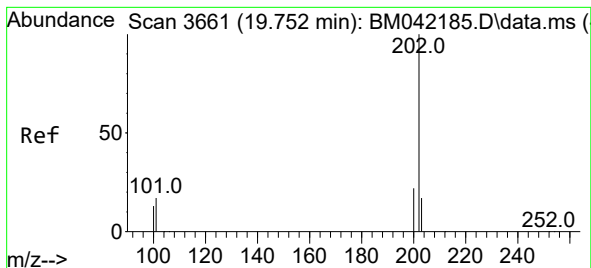
Tgt Ion:178 Resp: 1865
Ion Ratio Lower Upper
178 100
179 33.8 12.9 19.3#
176 26.9 16.3 24.5#



#19
Fluoranthene
Concen: 0.034 ng/ul
RT: 19.380 min Scan# 3581
Delta R.T. -0.014 min
Lab File: BM042199.D
Acq: 04 Oct 2023 23:05

Tgt Ion:202 Resp: 1780
Ion Ratio Lower Upper
202 100
101 27.5 11.1 16.7#
100 17.0 8.2 12.2#





#20

Pyrene

Concen: 0.103 ng/ul

RT: 19.752 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM042199.D

Acq: 04 Oct 2023 23:05

Instrument :

BNA_M

ClientSampleId :

BBJR6

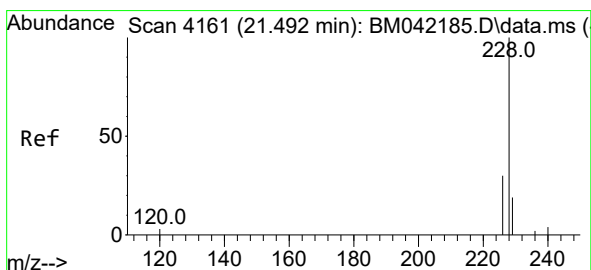
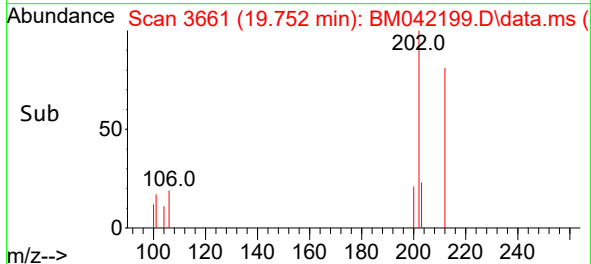
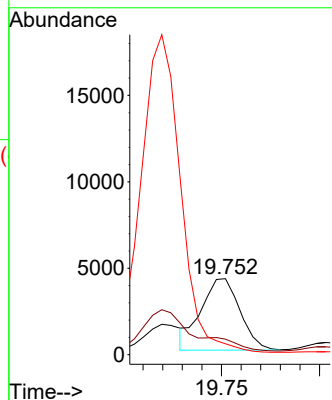
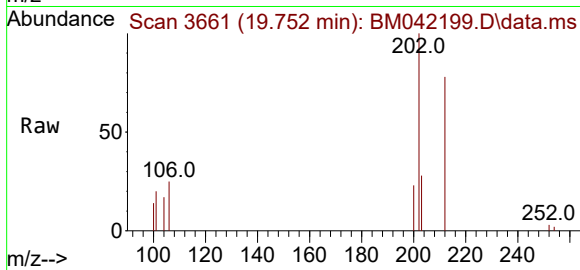
Tgt Ion:202 Resp: 5728

Ion Ratio Lower Upper

202 100

101 20.5 12.7 19.1#

100 14.4 9.9 14.9



#21

Benzo(a)anthracene

Concen: 0.047 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. -0.012 min

Lab File: BM042199.D

Acq: 04 Oct 2023 23:05

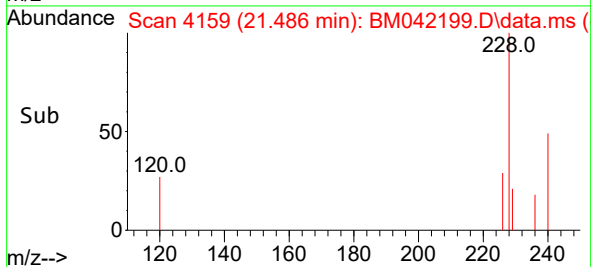
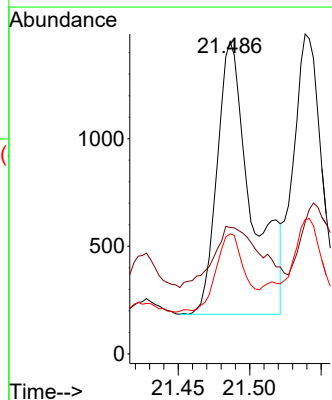
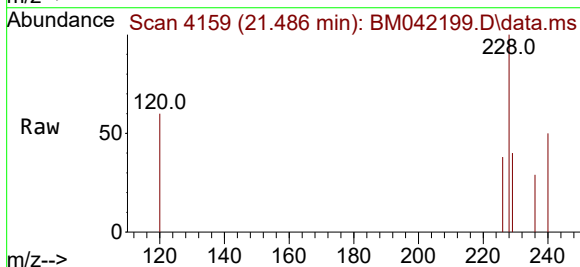
Tgt Ion:228 Resp: 2097

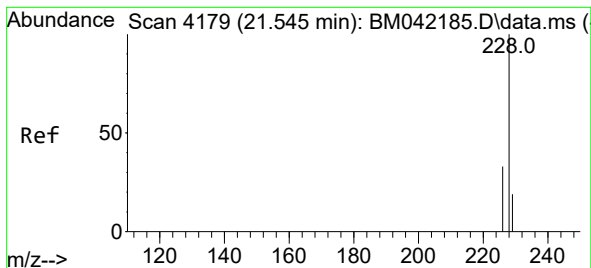
Ion Ratio Lower Upper

228 100

229 40.5 15.8 23.8#

226 38.4 24.6 37.0#





#22

Chrysene

Concen: 0.041 ng/ul

RT: 21.539 min Scan# 4177

Delta R.T. -0.015 min

Lab File: BM042199.D

Acq: 04 Oct 2023 23:05

Instrument :

BNA_M

ClientSampleId :

BBJR6

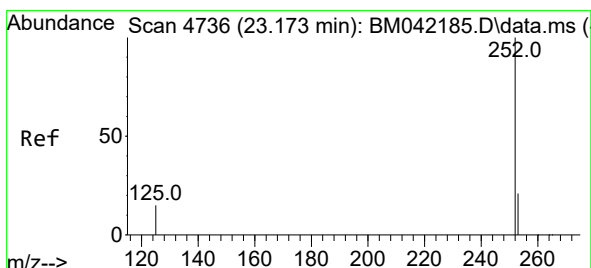
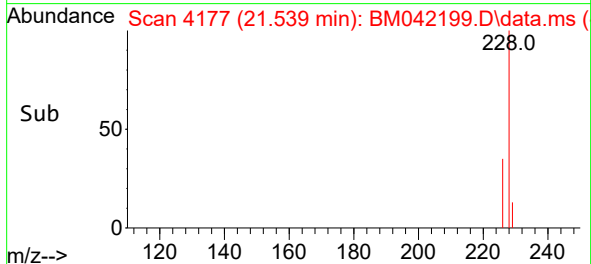
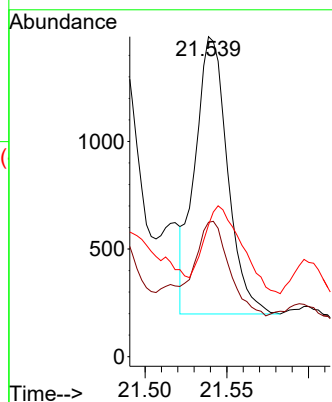
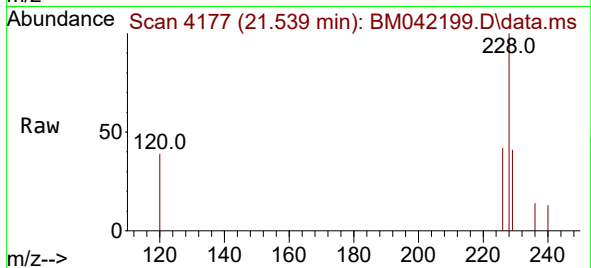
Tgt Ion:228 Resp: 1787

Ion Ratio Lower Upper

228 100

226 42.0 26.7 40.1#

229 41.2 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.032 ng/ul

RT: 23.161 min Scan# 4732

Delta R.T. -0.018 min

Lab File: BM042199.D

Acq: 04 Oct 2023 23:05

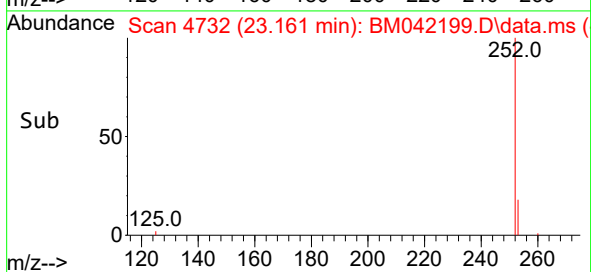
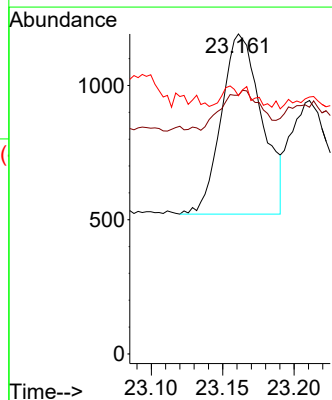
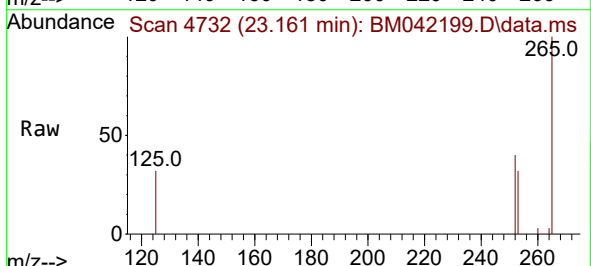
Tgt Ion:252 Resp: 1322

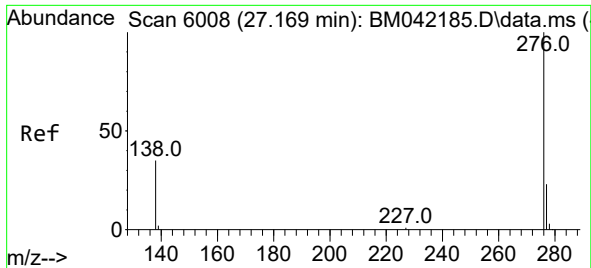
Ion Ratio Lower Upper

252 100

253 80.9 0.0 59.0#

125 80.7 0.0 49.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 27.166 min Scan# 6007
 Delta R.T. -0.030 min
 Lab File: BM042199.D
 Acq: 04 Oct 2023 23:05

Instrument :
 BNA_M
 ClientSampleId :
 BBJR6

Tgt Ion:276 Resp: 1090
 Ion Ratio Lower Upper
 276 100
 138 63.3 26.8 40.2#
 277 50.1 20.1 30.1#

