

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036989.D
 Acq On : 12 Oct 2022 18:20
 Operator : CG/JU
 Sample : N4976-04DL 5X
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:12:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

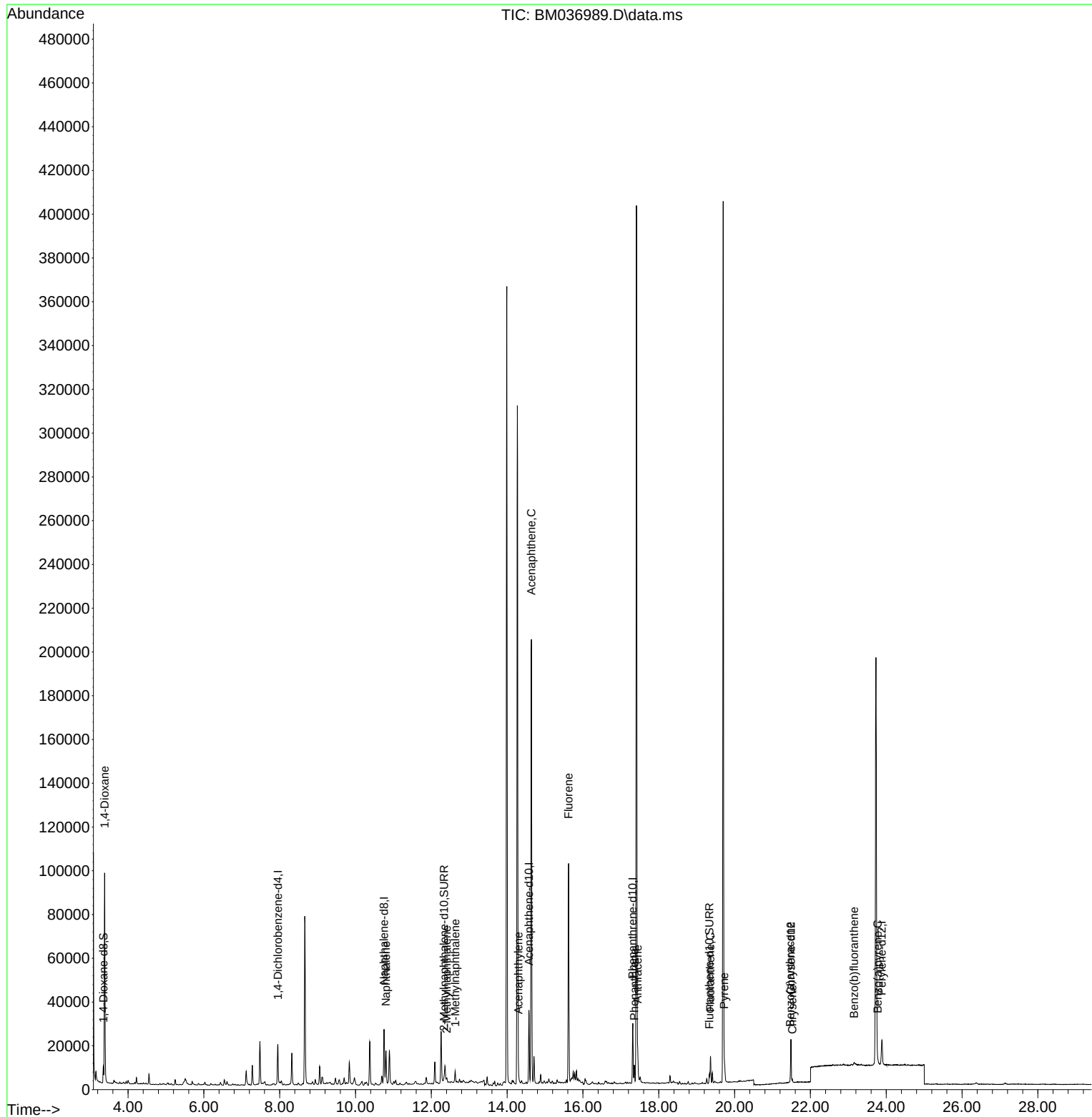
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	9300	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	33847	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	17873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	32208	0.400	ng/ul #	0.00
17) Chrysene-d12	21.485	240	16819	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	15590	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	4410	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2904	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4220	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	61725	4.815	ng/ul#	75
5) Naphthalene	10.803	128	20470	0.212	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	1577	0.027	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	3172	0.053	ng/ul	99
10) Acenaphthylene	14.297	152	2439	0.033	ng/ul#	37
11) Acenaphthene	14.640	153	115129	1.786	ng/ul	98
12) Fluorene	15.621	166	61022	0.835	ng/ul	99
15) Phenanthrene	17.355	178	8475	0.082	ng/ul#	90
16) Anthracene	17.444	178	10479	0.122	ng/ul#	90
19) Fluoranthene	19.363	202	10394	0.155	ng/ul#	90
20) Pyrene	19.726	202	7954	0.114	ng/ul#	91
21) Benzo(a)anthracene	21.471	228	1566	0.026	ng/ul#	54
22) Chrysene	21.523	228	1557	0.024	ng/ul#	52
24) Benzo(b)fluoranthene	23.154	252	1841	0.026	ng/ul#	1
26) Benzo(a)pyrene	23.777	252	1223	0.022	ng/ul#	1

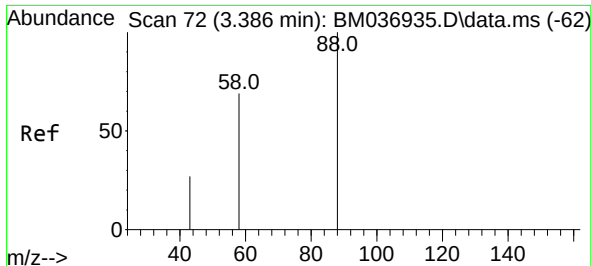
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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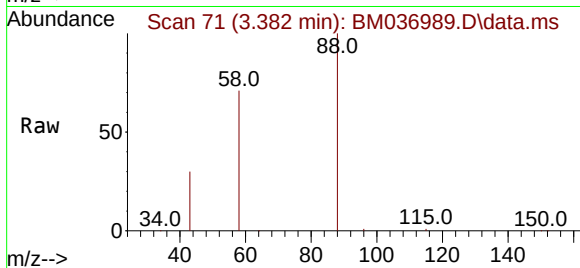
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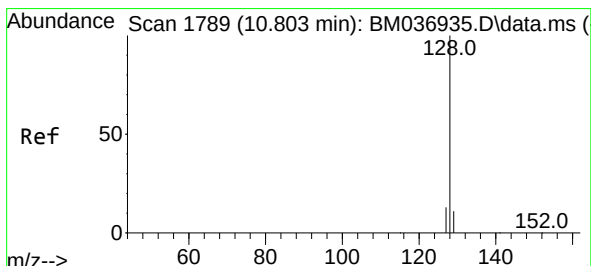
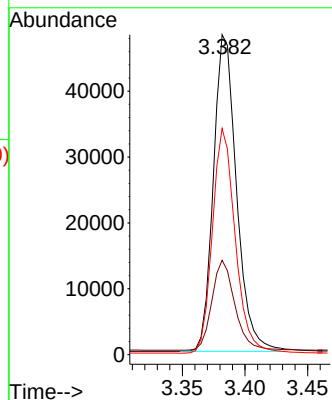
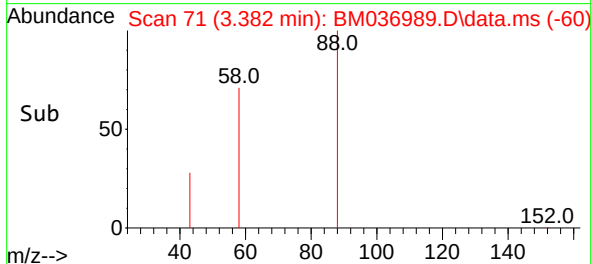


#2
1,4-Dioxane
Concen: 4.815 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Instrument :
BNA_M
ClientSampleId :

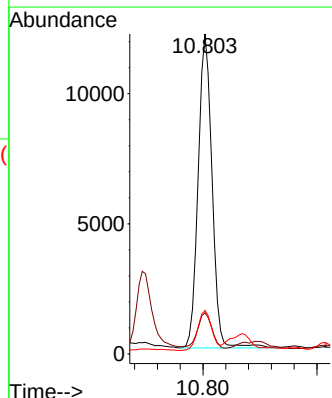
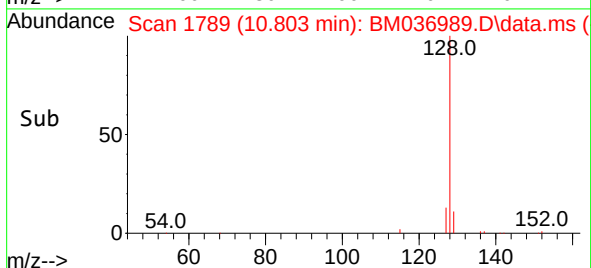
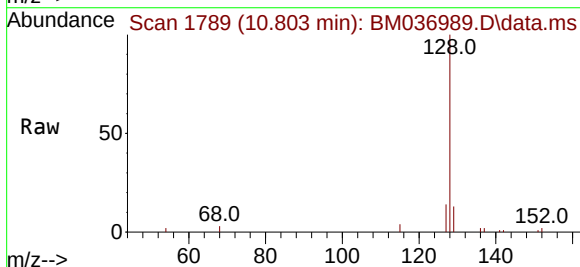


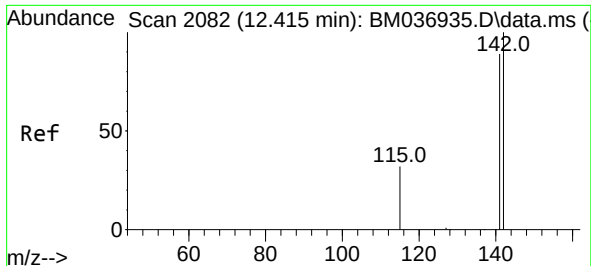
Tgt Ion: 88 Resp: 61725
Ion Ratio Lower Upper
88 100
43 29.5 37.8 56.6#
58 70.7 42.6 63.8#



#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Tgt Ion: 128 Resp: 20470
Ion Ratio Lower Upper
128 100
129 12.9 10.2 15.2
127 13.6 11.7 17.5

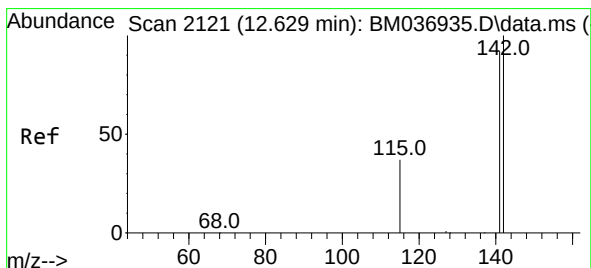
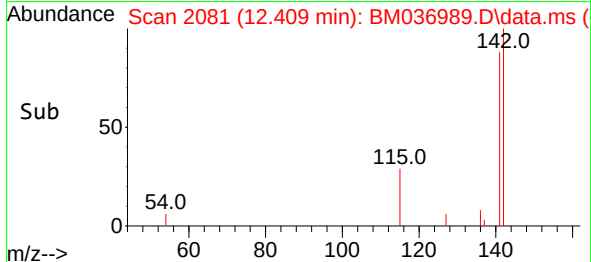
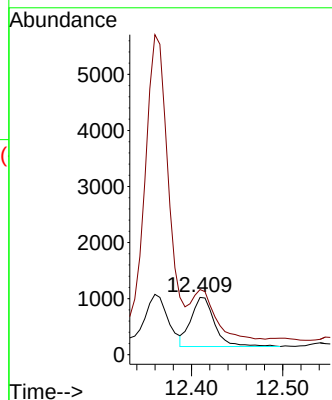
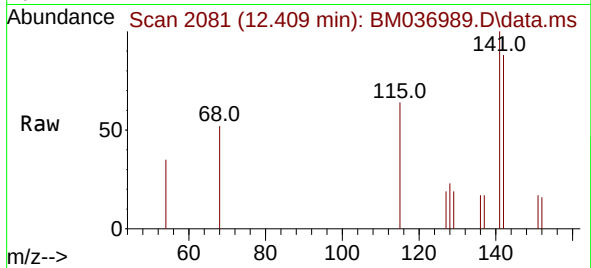




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

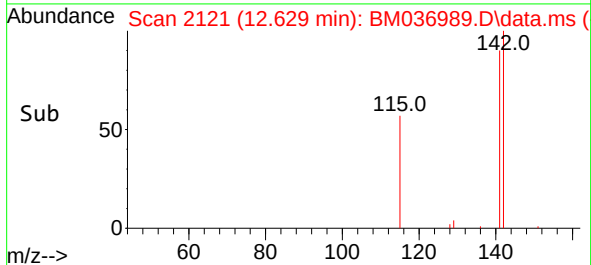
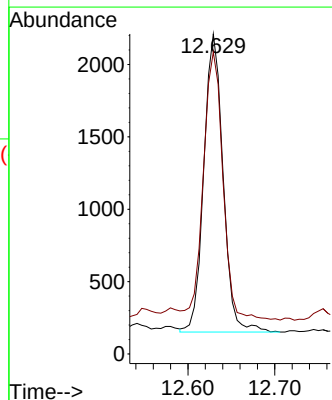
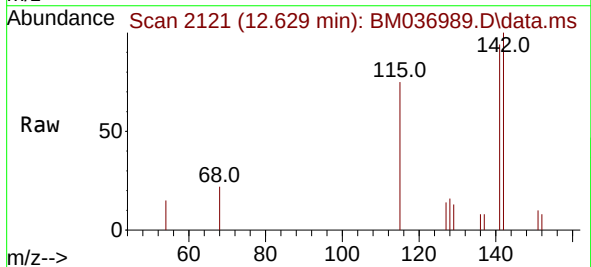
Instrument :
BNA_M
ClientSampleId :

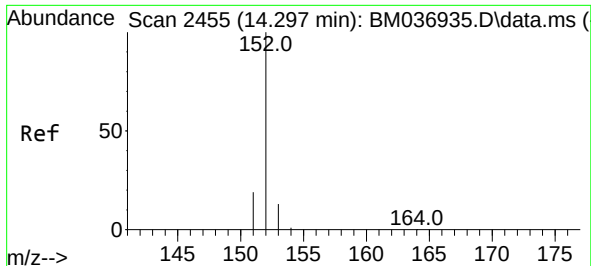
Tgt Ion:142 Resp: 1577
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Tgt Ion:142 Resp: 3172
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

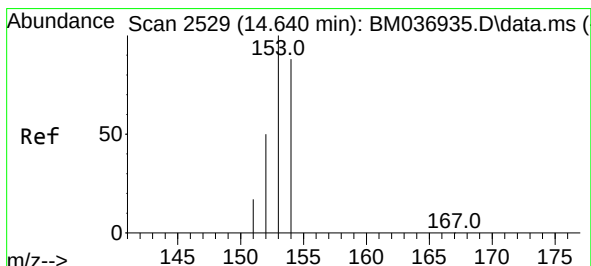
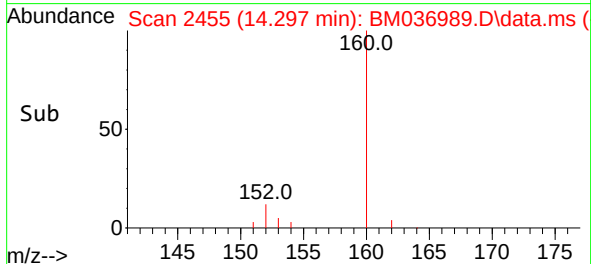
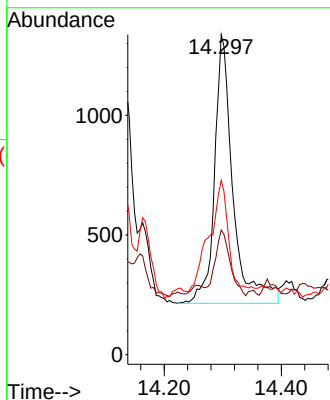
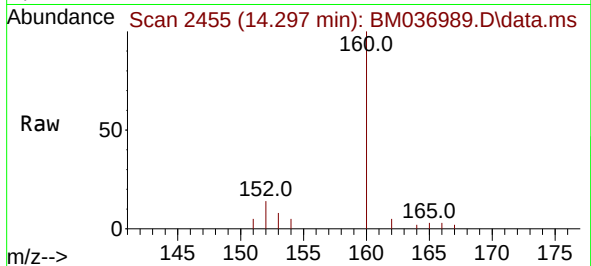




#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

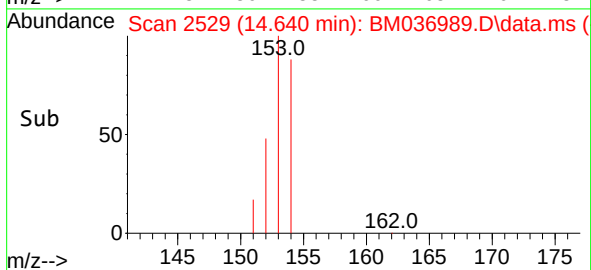
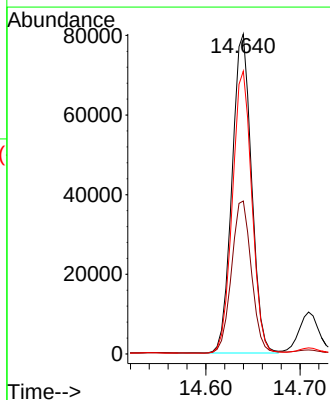
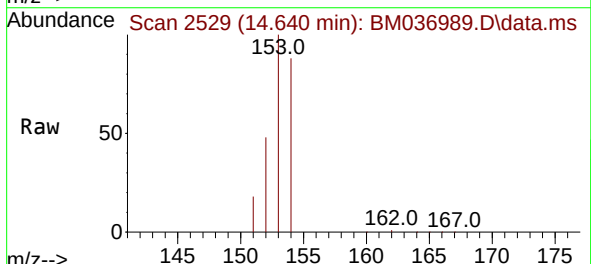
Instrument :
BNA_M
ClientSampleId :

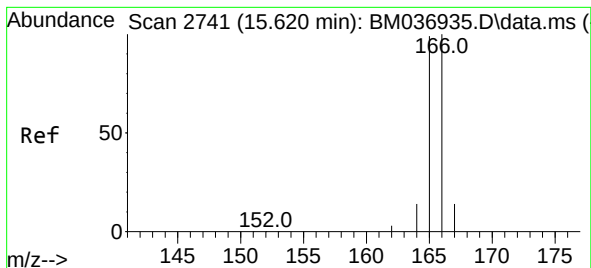
Tgt Ion:152 Resp: 2439
Ion Ratio Lower Upper
152 100
151 39.0 16.6 24.8#
153 54.5 11.4 17.0#



#11
Acenaphthene
Concen: 1.786 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Tgt Ion:153 Resp: 115129
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 88.4 69.7 104.5





#12

Fluorene

Concen: 0.835 ng/u1

RT: 15.621 min Scan# 2741

Delta R.T. 0.000 min

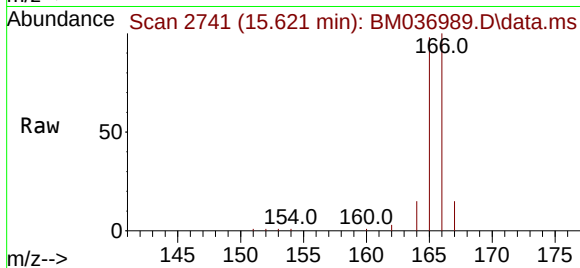
Lab File: BM036989.D

Acq: 12 Oct 2022 18:20

Instrument :

BNA_M

ClientSampleId :



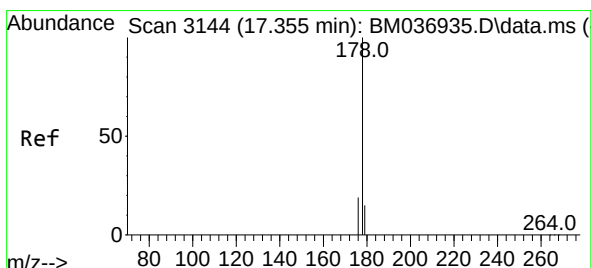
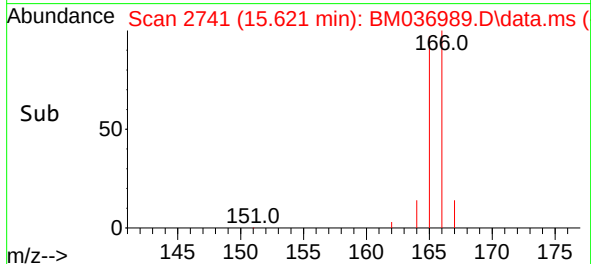
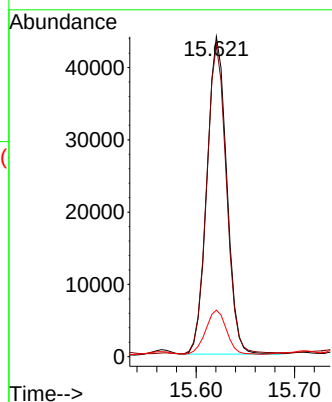
Tgt Ion:166 Resp: 61022

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

167 14.5 11.3 16.9



#15

Phenanthrene

Concen: 0.082 ng/u1

RT: 17.355 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036989.D

Acq: 12 Oct 2022 18:20

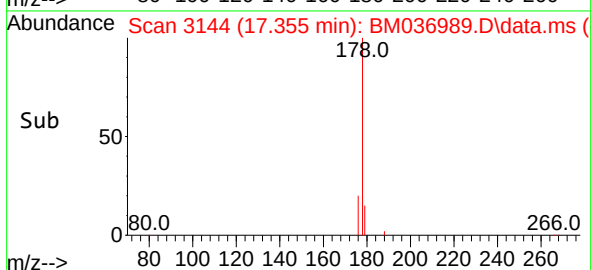
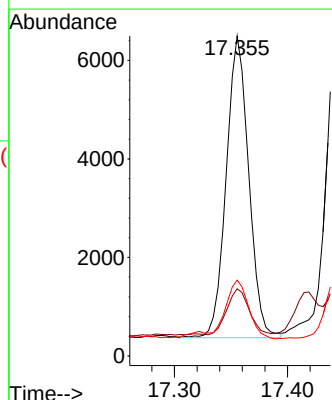
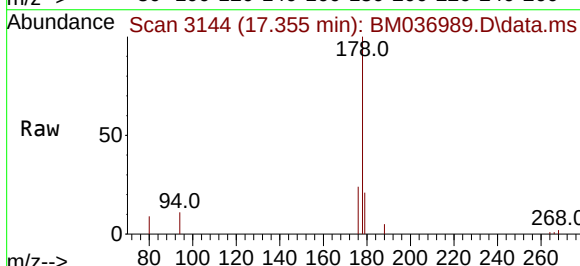
Tgt Ion:178 Resp: 8475

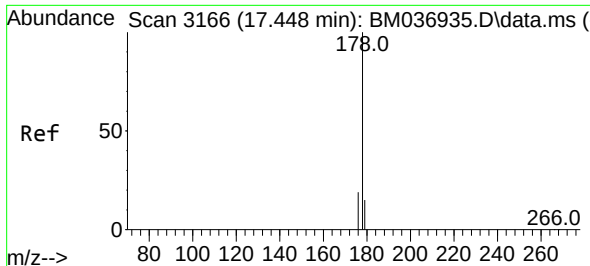
Ion Ratio Lower Upper

178 100

179 21.0 13.0 19.6#

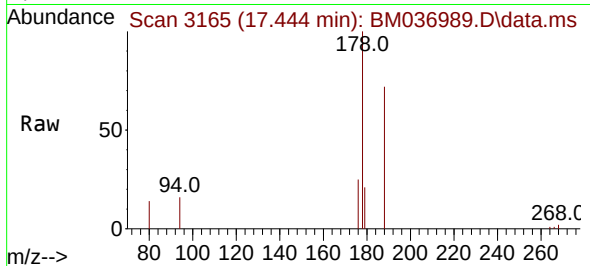
176 23.7 15.6 23.4#



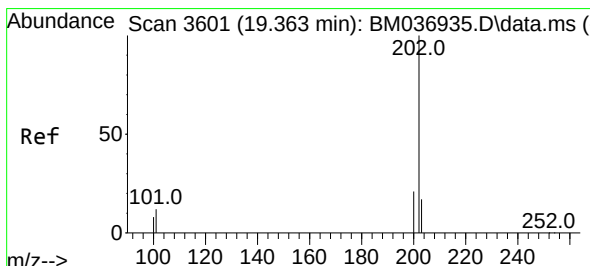
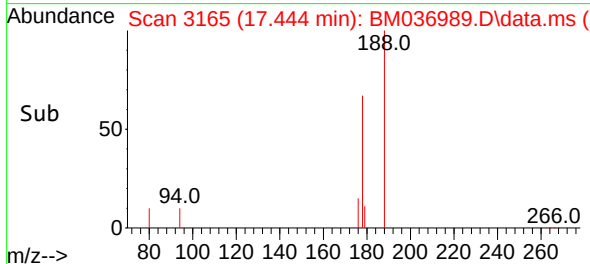
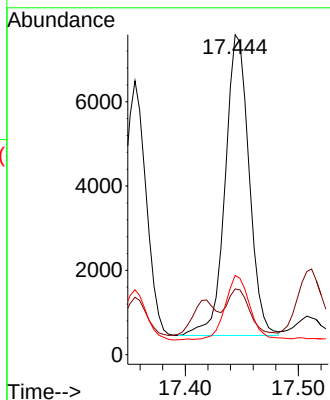


#16
 Anthracene
 Concen: 0.122 ng/ul
 RT: 17.444 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM036989.D
 Acq: 12 Oct 2022 18:20

Instrument :
 BNA_M
 ClientSampleId :

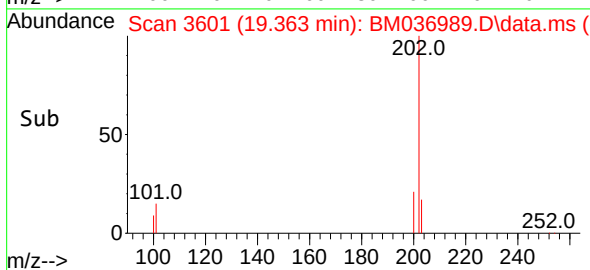
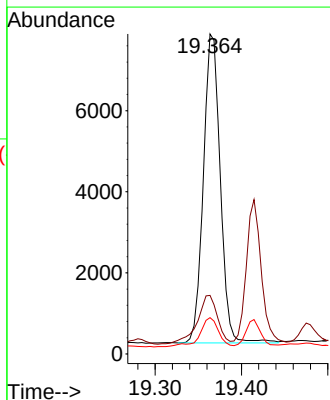
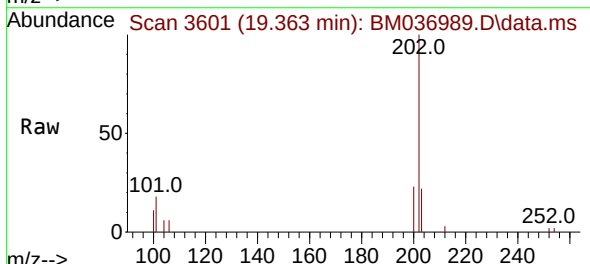


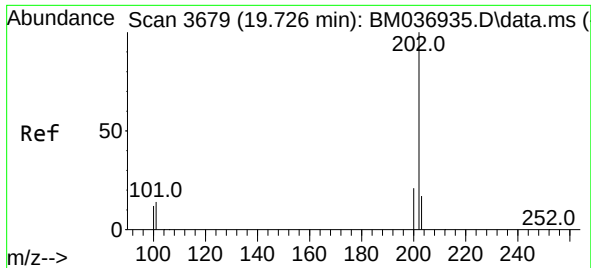
Tgt Ion:178 Resp: 10479
 Ion Ratio Lower Upper
 178 100
 179 20.6 13.6 20.4#
 176 24.8 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.155 ng/ul
 RT: 19.363 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: BM036989.D
 Acq: 12 Oct 2022 18:20

Tgt Ion:202 Resp: 10394
 Ion Ratio Lower Upper
 202 100
 101 18.3 10.1 15.1#
 100 11.4 7.9 11.9

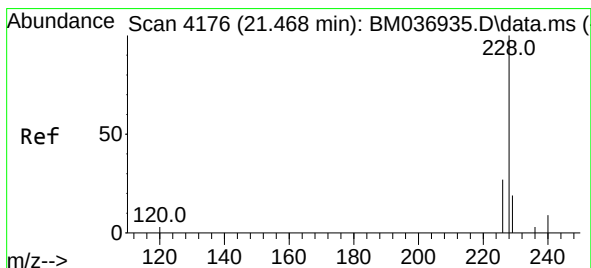
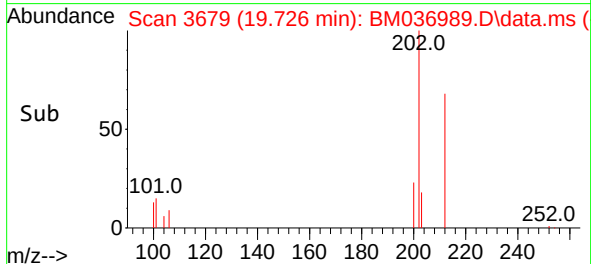
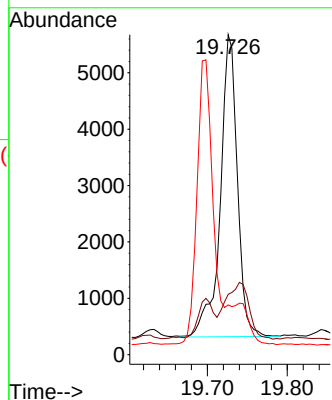
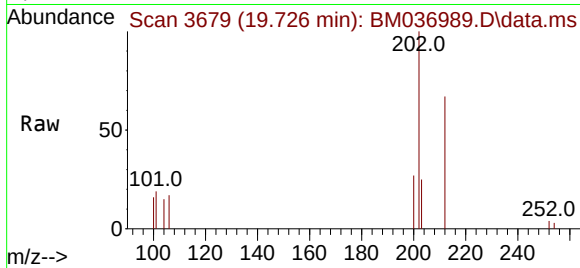




#20
Pyrene
Concen: 0.114 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

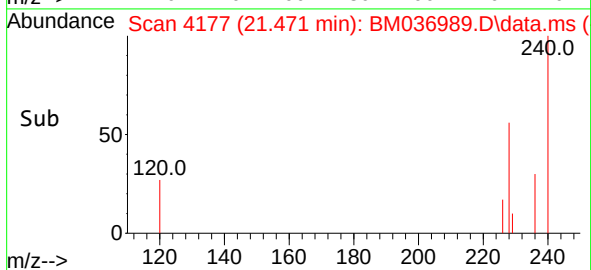
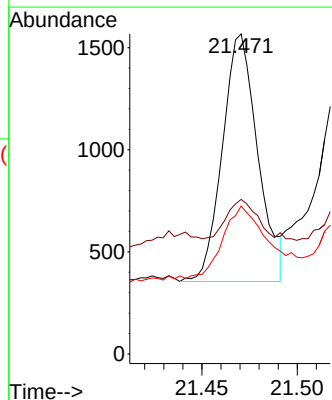
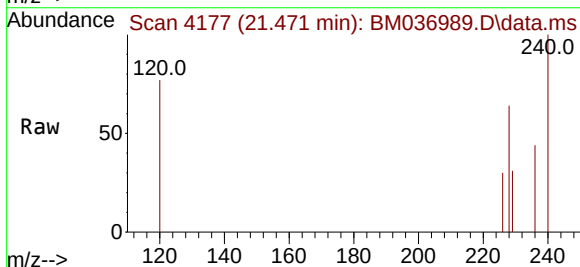
Instrument :
BNA_M
ClientSampleId :

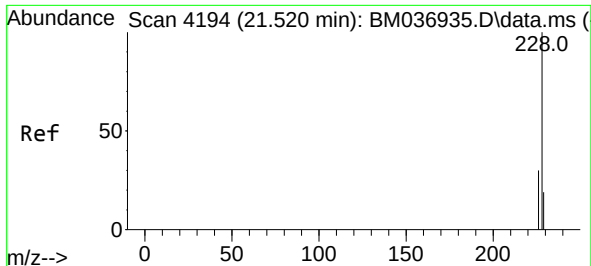
Tgt Ion:202 Resp: 7954
Ion Ratio Lower Upper
202 100
101 18.8 12.0 18.0#
100 15.6 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Tgt Ion:228 Resp: 1566
Ion Ratio Lower Upper
228 100
229 48.3 16.2 24.2#
226 46.3 22.5 33.7#





#22

Chrysene

Concen: 0.024 ng/ul

RT: 21.523 min Scan# 4194

Delta R.T. 0.003 min

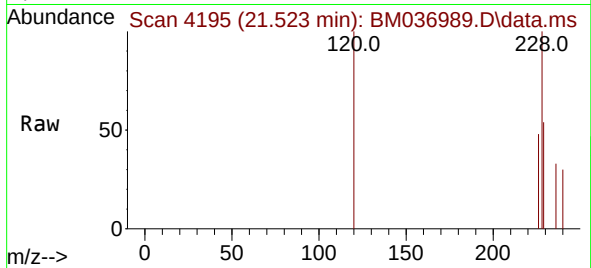
Lab File: BM036989.D

Acq: 12 Oct 2022 18:20

Instrument :

BNA_M

ClientSampleId :



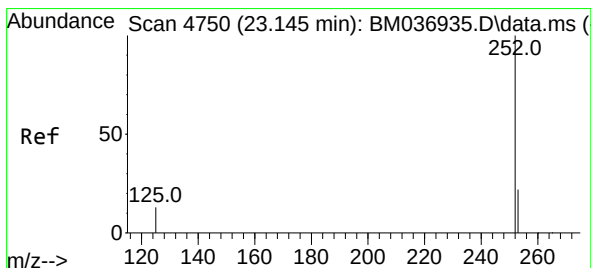
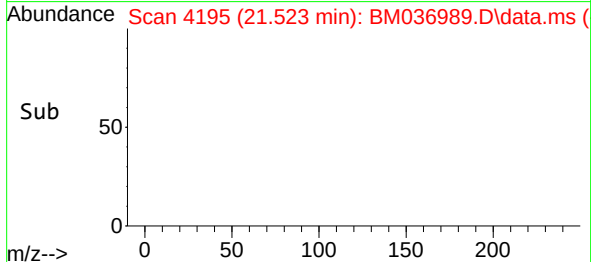
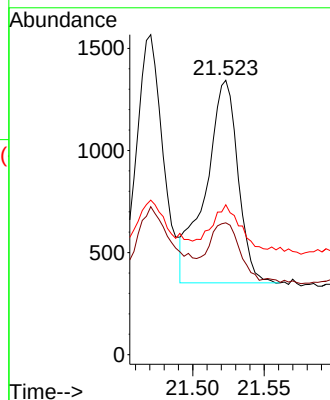
Tgt Ion:228 Resp: 1557

Ion Ratio Lower Upper

228 100

226 48.1 24.6 37.0#

229 54.6 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.026 ng/ul

RT: 23.154 min Scan# 4753

Delta R.T. 0.009 min

Lab File: BM036989.D

Acq: 12 Oct 2022 18:20

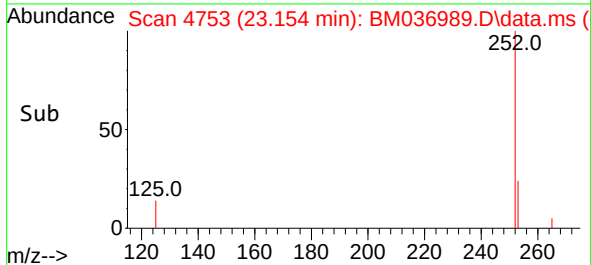
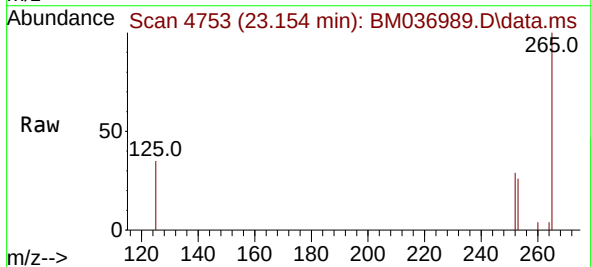
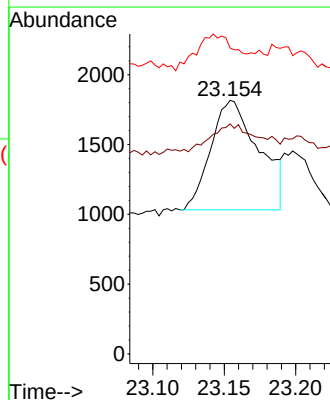
Tgt Ion:252 Resp: 1841

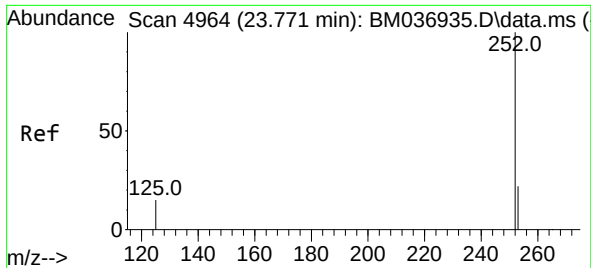
Ion Ratio Lower Upper

252 100

253 90.7 0.0 61.4#

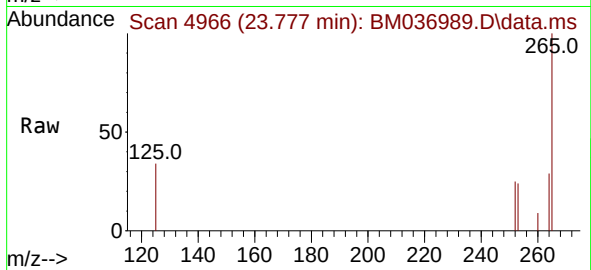
125 120.6 0.0 42.6#





#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.777 min Scan# 4964
Delta R.T. 0.006 min
Lab File: BM036989.D
Acq: 12 Oct 2022 18:20

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:252 Resp: 1223
Ion Ratio Lower Upper
252 100
253 96.4 29.7 44.5#
125 133.1 23.6 35.4#

