

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036981.D
 Acq On : 12 Oct 2022 13:26
 Operator : CG/JU
 Sample : N5024-07DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:10:09 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)

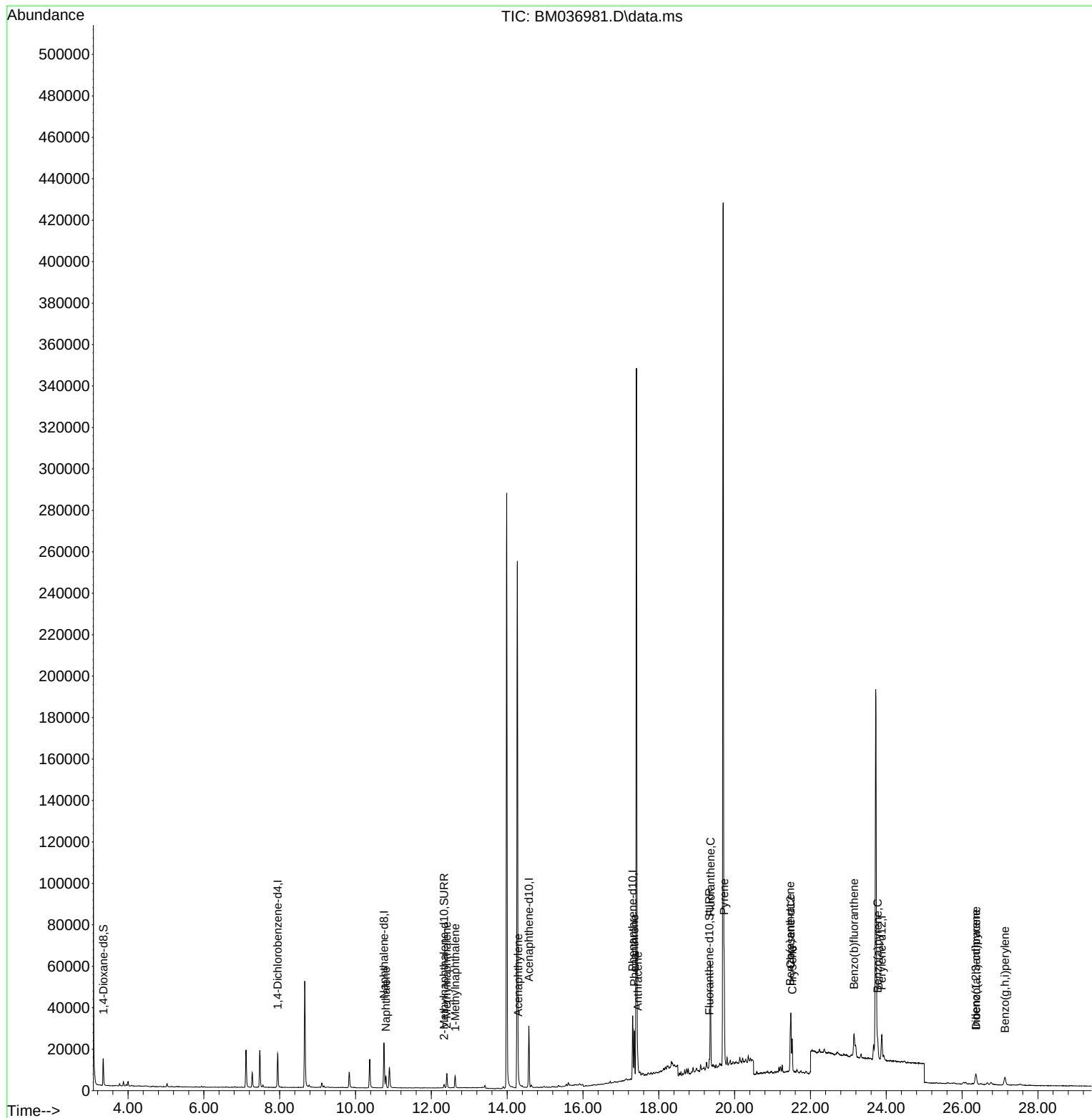
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30214	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	16400	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	34760	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.481	240	20364	0.400	ng/ul	# 0.00
23) Perylene-d12	23.881	264	16810	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	8341	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2454	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	4848	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	7842	0.091	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	5456	0.103	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	4182	0.078	ng/ul	99
10) Acenaphthylene	14.294	152	2395	0.035	ng/ul#	78
15) Phenanthrene	17.352	178	25204	0.227	ng/ul#	93
16) Anthracene	17.445	178	3523	0.038	ng/ul#	62
19) Fluoranthene	19.364	202	43426	0.536	ng/ul	99
20) Pyrene	19.727	202	40476	0.479	ng/ul	99
21) Benzo(a)anthracene	21.467	228	13899	0.189	ng/ul#	82
22) Chrysene	21.519	228	18949	0.240	ng/ul#	84
24) Benzo(b)fluoranthene	23.150	252	19344	0.258	ng/ul#	32
26) Benzo(a)pyrene	23.770	252	11175	0.183	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.362	276	8728	0.101	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.372	278	2136	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	27.130	276	8543	0.112	ng/ul#	81

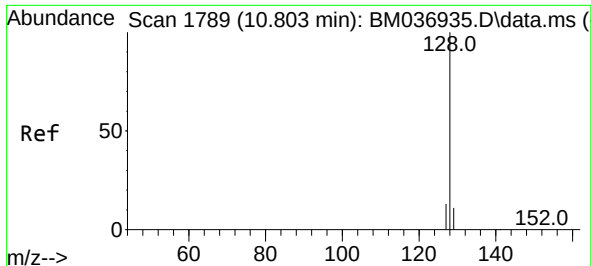
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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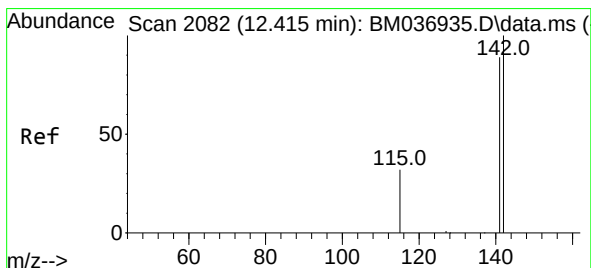
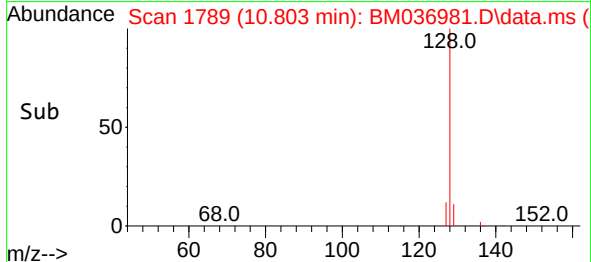
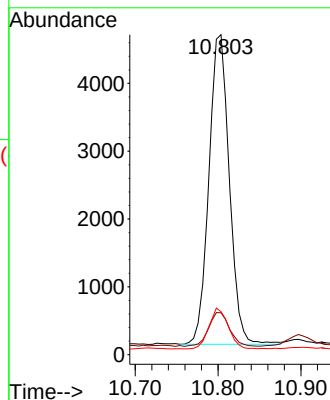
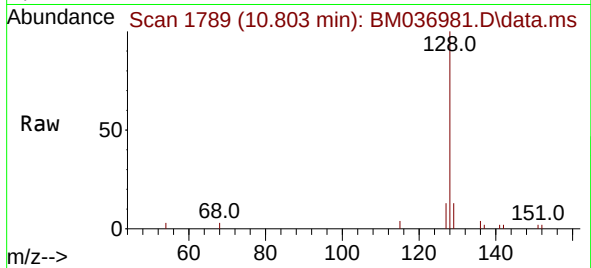




#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

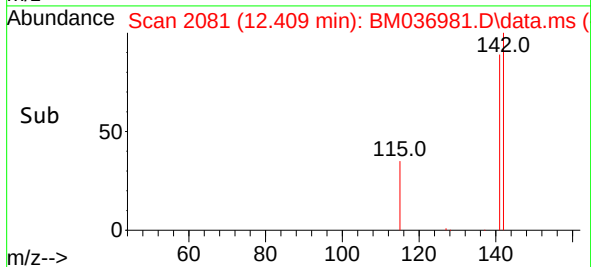
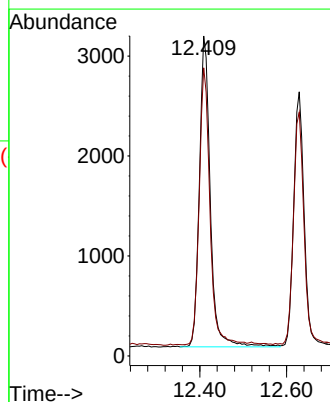
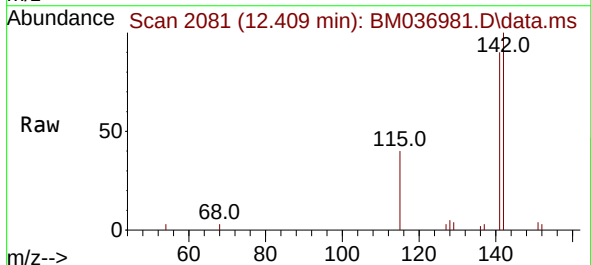
Instrument :
BNA_M
ClientSampleId :

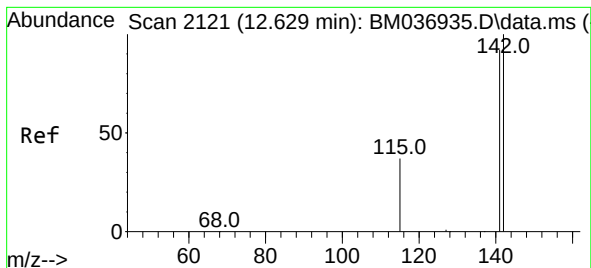
Tgt Ion:128 Resp: 7842
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 13.4 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Tgt Ion:142 Resp: 5456
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 12.629 min Scan# 2121

Delta R.T. 0.000 min

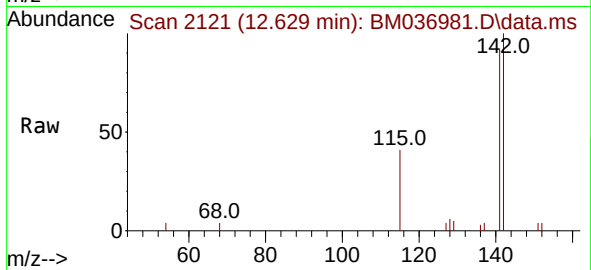
Lab File: BM036981.D

Acq: 12 Oct 2022 13:26

Instrument :

BNA_M

ClientSampleId :

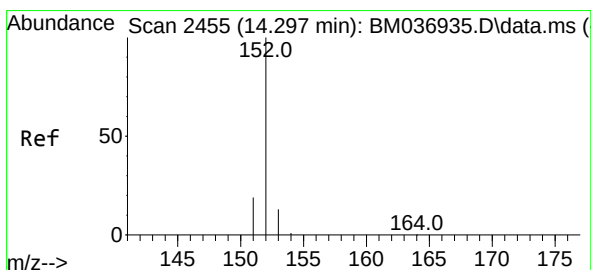
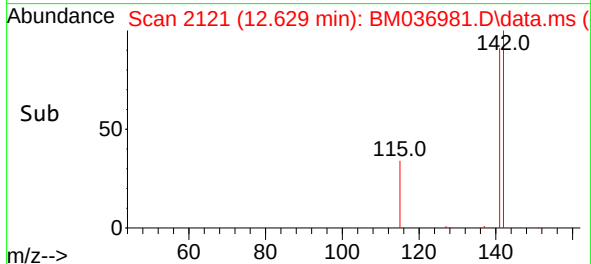
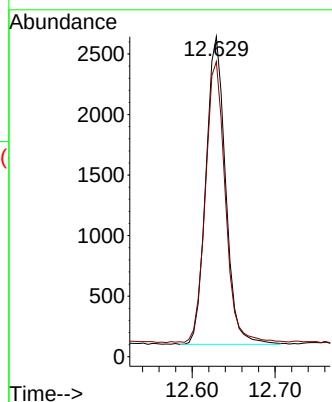


Tgt Ion:142 Resp: 4182

Ion Ratio Lower Upper

142 100

141 91.9 74.1 111.1



#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.294 min Scan# 2454

Delta R.T. -0.004 min

Lab File: BM036981.D

Acq: 12 Oct 2022 13:26

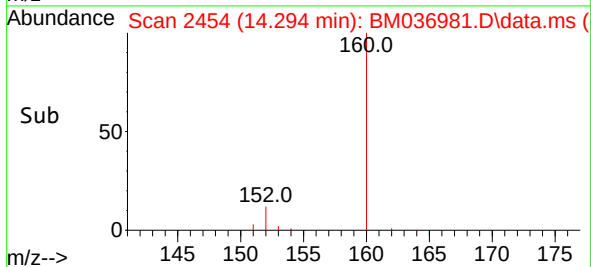
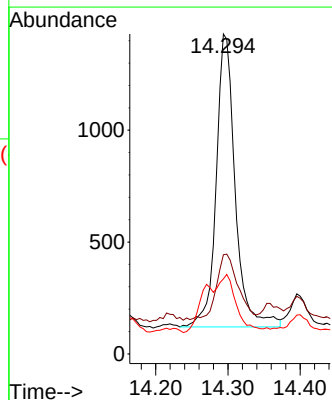
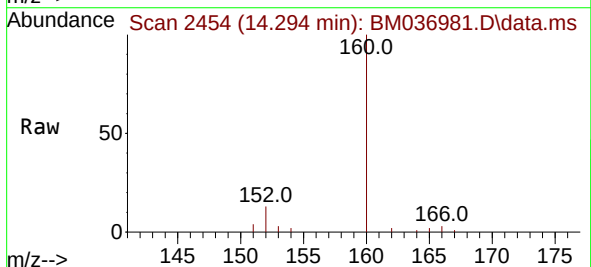
Tgt Ion:152 Resp: 2395

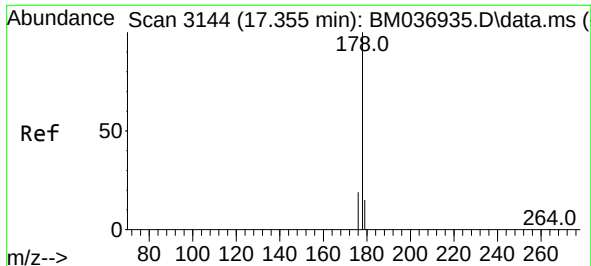
Ion Ratio Lower Upper

152 100

151 31.0 16.6 24.8#

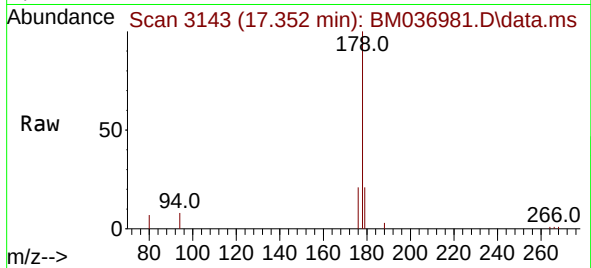
153 23.4 11.4 17.0#



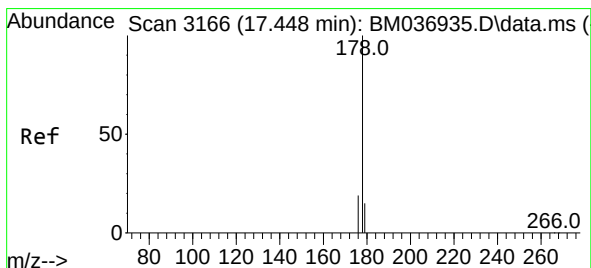
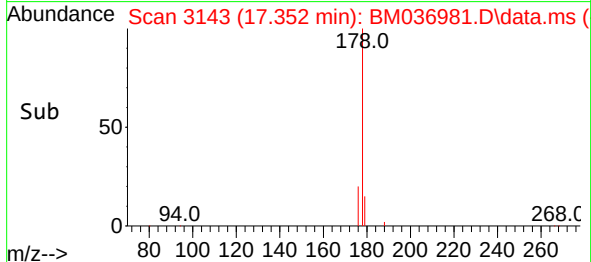
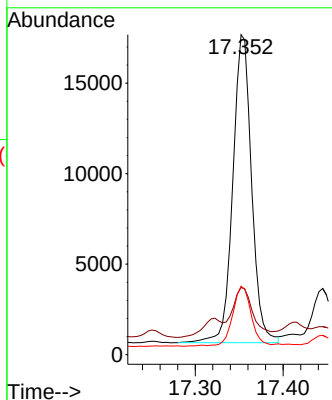


#15
Phenanthrene
Concen: 0.227 ng/ul
RT: 17.352 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Instrument :
BNA_M
ClientSampleId :

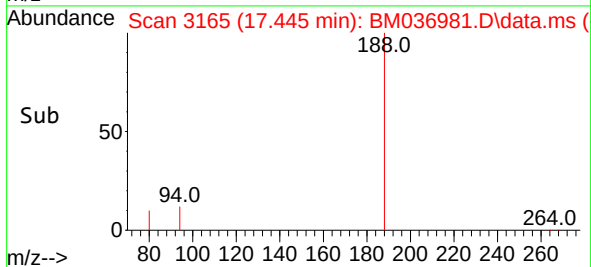
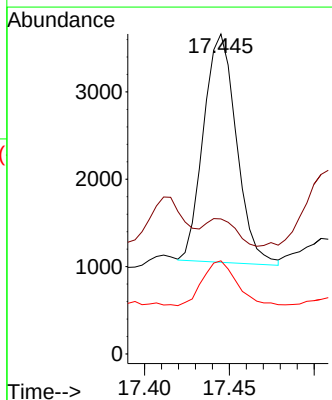
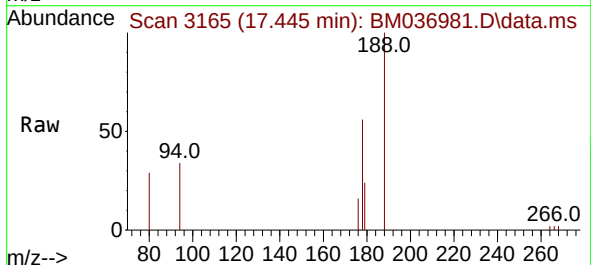


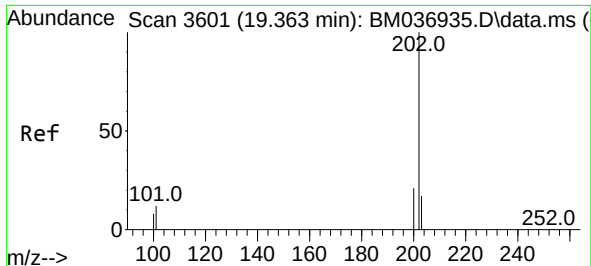
Tgt Ion:178 Resp: 25204
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.6#
176 21.4 15.6 23.4



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Tgt Ion:178 Resp: 3523
Ion Ratio Lower Upper
178 100
179 42.2 13.6 20.4#
176 29.1 15.6 23.4#

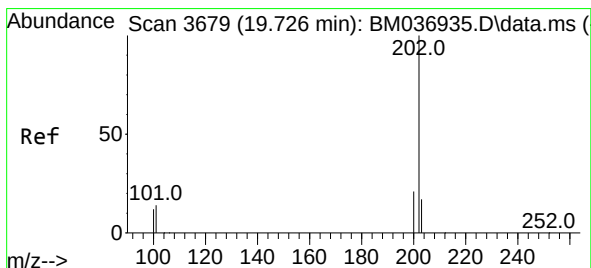
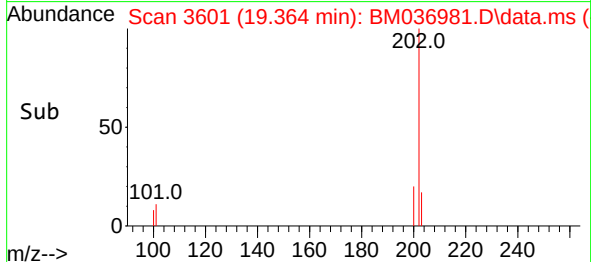
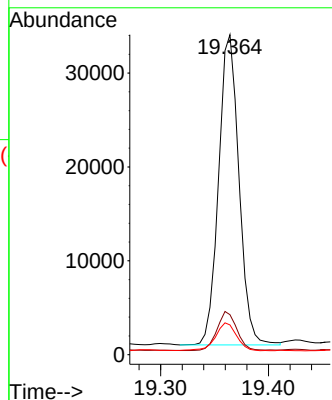
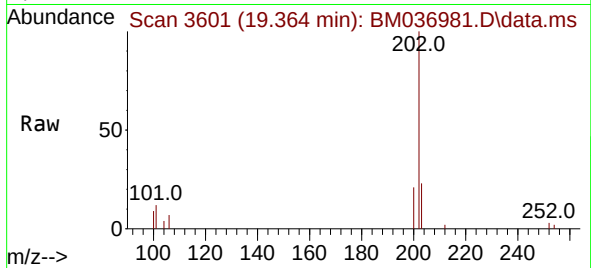




#19
Fluoranthene
Concen: 0.536 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

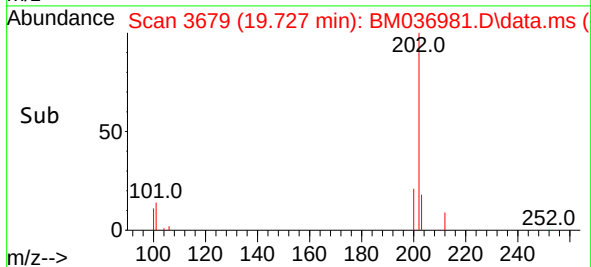
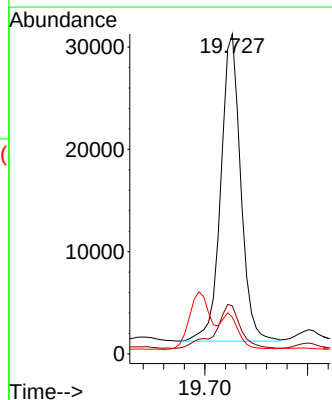
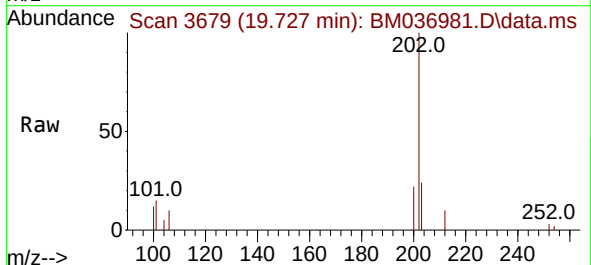
Instrument :
BNA_M
ClientSampleId :

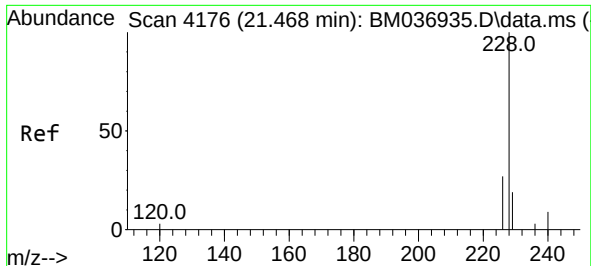
Tgt Ion:202 Resp: 43426
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.3 7.9 11.9



#20
Pyrene
Concen: 0.479 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

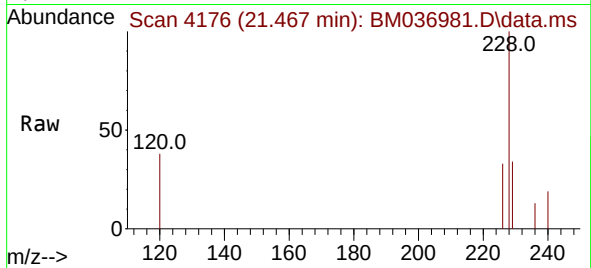
Tgt Ion:202 Resp: 40476
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 11.5 9.8 14.6



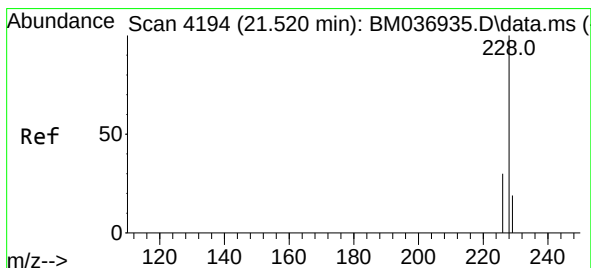
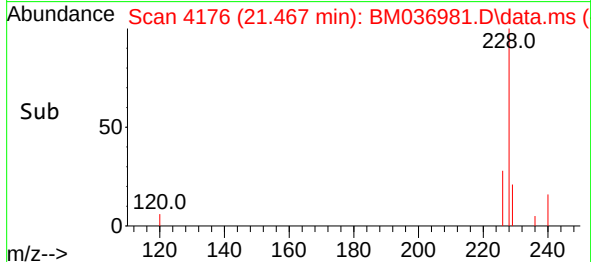
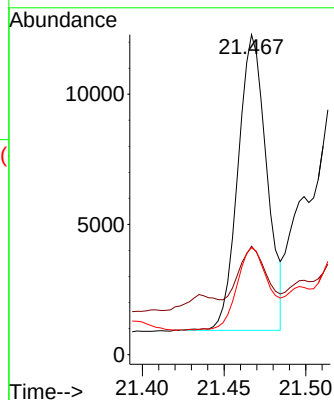


#21
Benzo(a)anthracene
Concen: 0.189 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Instrument :
BNA_M
ClientSampleId :

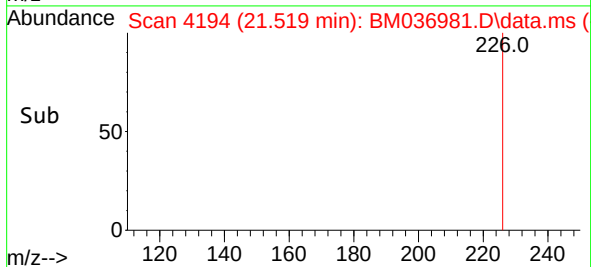
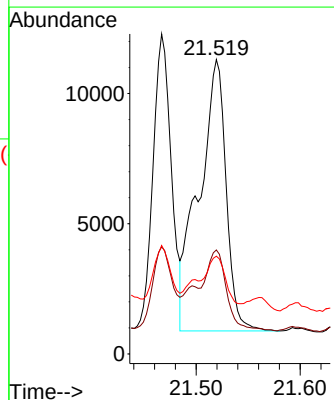
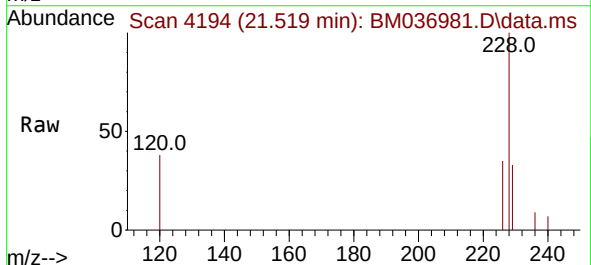


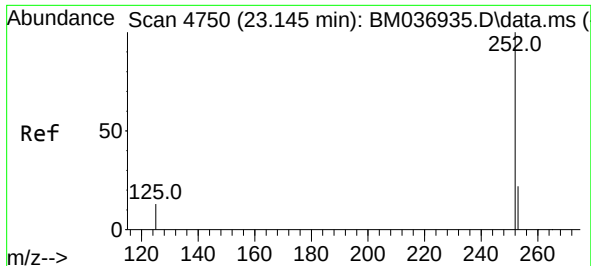
Tgt Ion:228 Resp: 13899
Ion Ratio Lower Upper
228 100
229 33.9 16.2 24.2#
226 33.5 22.5 33.7



#22
Chrysene
Concen: 0.240 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

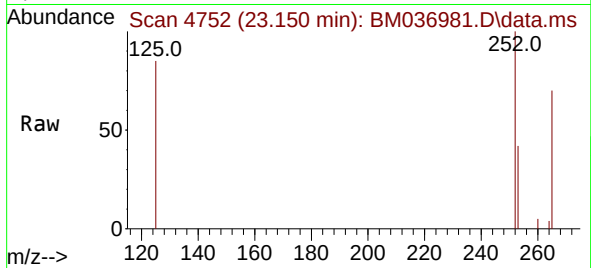
Tgt Ion:228 Resp: 18949
Ion Ratio Lower Upper
228 100
226 35.3 24.6 37.0
229 33.2 16.4 24.6#



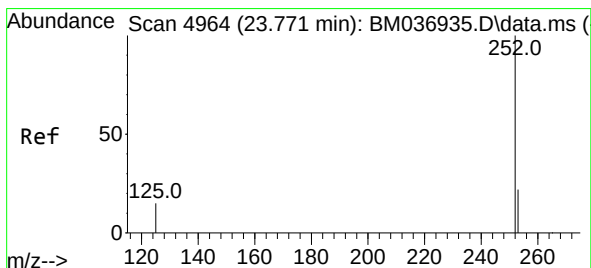
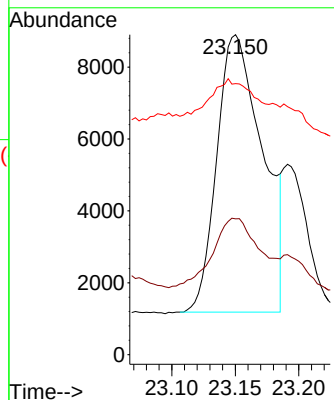


#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. 0.005 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Instrument :
BNA_M
ClientSampleId :

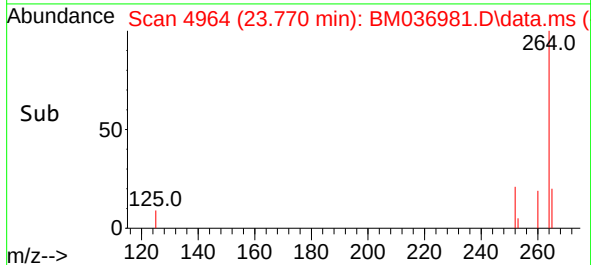
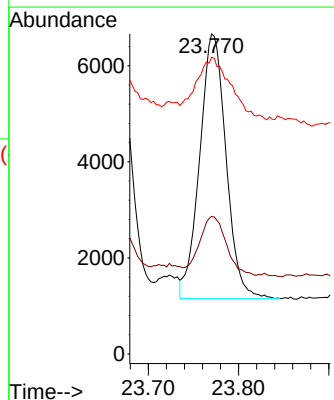
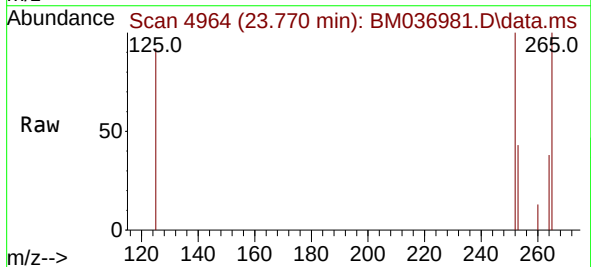


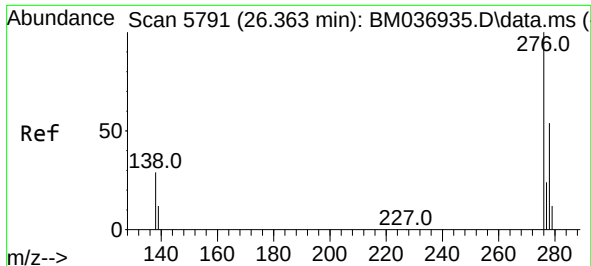
Tgt Ion:252 Resp: 19344
Ion Ratio Lower Upper
252 100
253 42.4 0.0 61.4
125 84.7 0.0 42.6#



#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM036981.D
Acq: 12 Oct 2022 13:26

Tgt Ion:252 Resp: 11175
Ion Ratio Lower Upper
252 100
253 43.0 29.7 44.5
125 92.7 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.101 ng/ul

RT: 26.362 min Scan# 5791

Delta R.T. -0.001 min

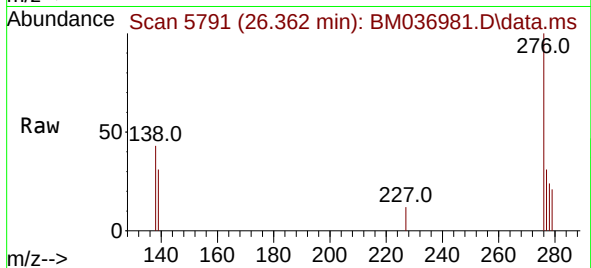
Lab File: BM036981.D

Acq: 12 Oct 2022 13:26

Instrument :

BNA_M

ClientSampleId :



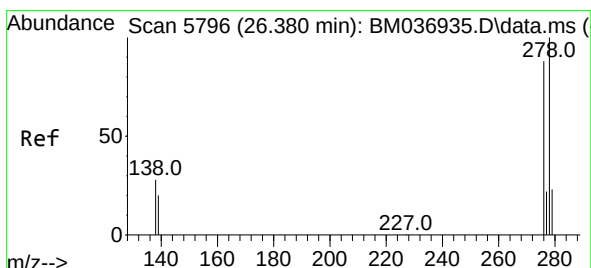
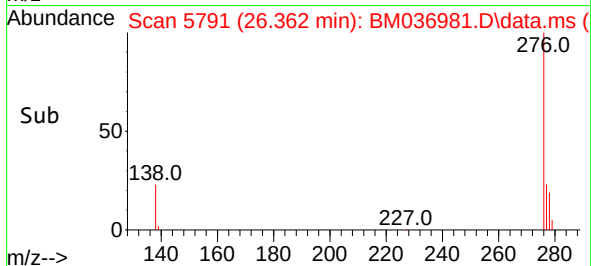
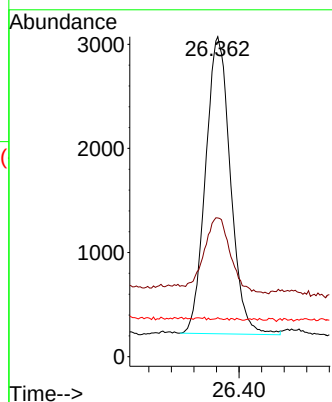
Tgt Ion:276 Resp: 8728

Ion Ratio Lower Upper

276 100

138 27.9 23.9 35.9

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

RT: 26.372 min Scan# 5794

Delta R.T. -0.008 min

Lab File: BM036981.D

Acq: 12 Oct 2022 13:26

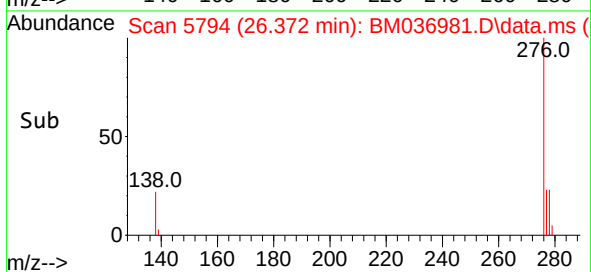
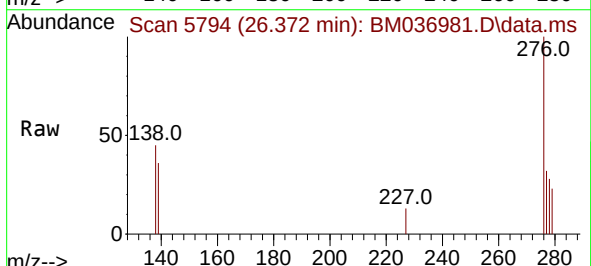
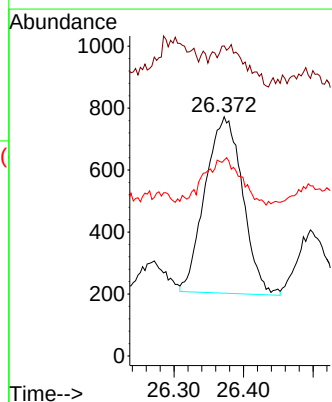
Tgt Ion:278 Resp: 2136

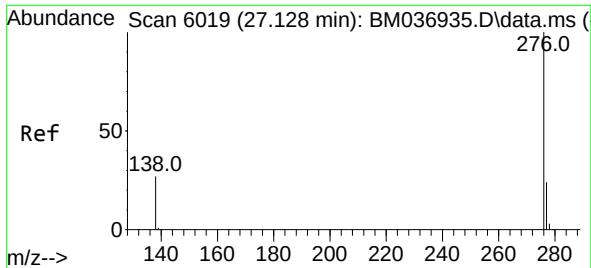
Ion Ratio Lower Upper

278 100

139 129.7 19.8 29.6#

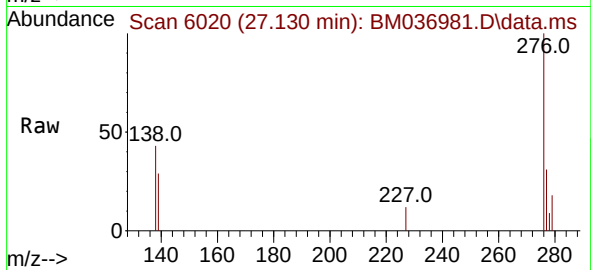
279 81.9 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.112 ng/ul
 RT: 27.130 min Scan# 6019
 Delta R.T. 0.003 min
 Lab File: BM036981.D
 Acq: 12 Oct 2022 13:26

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 8543
 Ion Ratio Lower Upper
 276 100
 138 43.1 23.4 35.0#
 277 31.5 21.0 31.4#

