

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037081.D
 Acq On : 15 Oct 2022 08:01
 Operator : CG/JU
 Sample : N5049-15
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS1

Quant Time: Oct 17 00:54:10 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

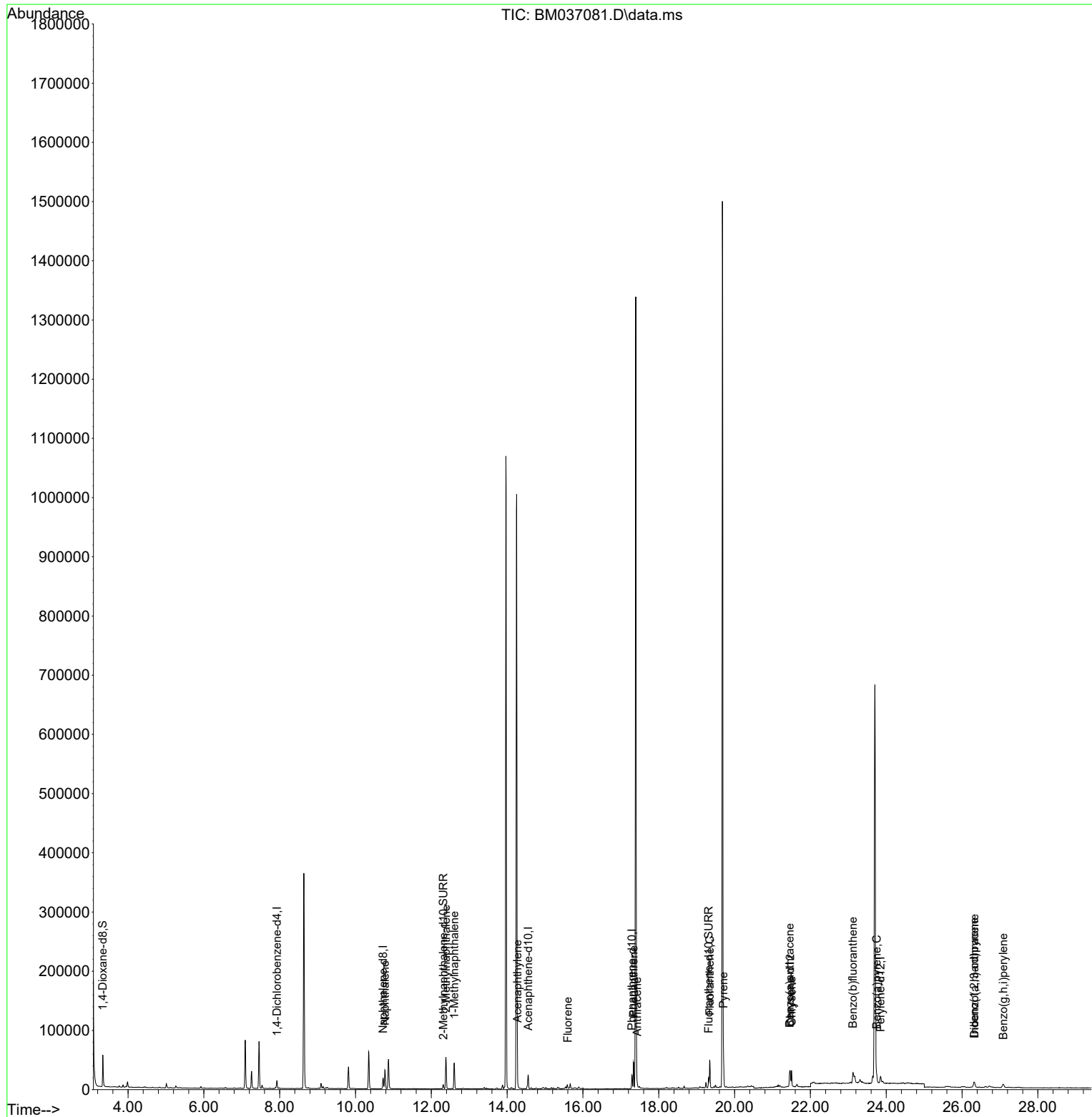
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23854	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	13154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	25976	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	17597	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	15432	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	34229	3.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9504	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	18281	0.347	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	43026	0.631	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	38372	0.920	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	30379	0.717	ng/ul	99
10) Acenaphthylene	14.274	152	7375	0.135	ng/ul#	85
12) Fluorene	15.602	166	1476	0.027	ng/ul#	75
15) Phenanthrene	17.334	178	46556	0.561	ng/ul	99
16) Anthracene	17.427	178	6337	0.091	ng/ul#	94
19) Fluoranthene	19.345	202	37491	0.536	ng/ul#	94
20) Pyrene	19.707	202	37509	0.514	ng/ul	98
21) Benzo(a)anthracene	21.450	228	17265	0.272	ng/ul#	85
22) Chrysene	21.503	228	26865	0.394	ng/ul#	92
24) Benzo(b)fluoranthene	23.125	252	29803	0.432	ng/ul	86
26) Benzo(a)pyrene	23.747	252	16958	0.303	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.323	276	15726	0.198	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.329	278	3995	0.062	ng/ul#	49
29) Benzo(g,h,i)perylene	27.087	276	12410	0.178	ng/ul#	85

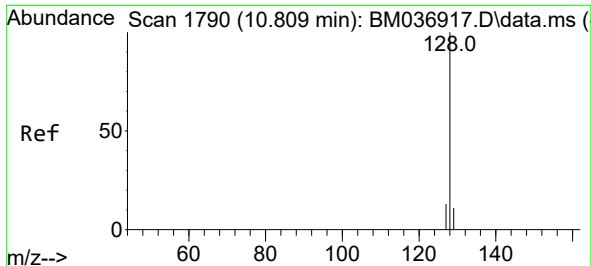
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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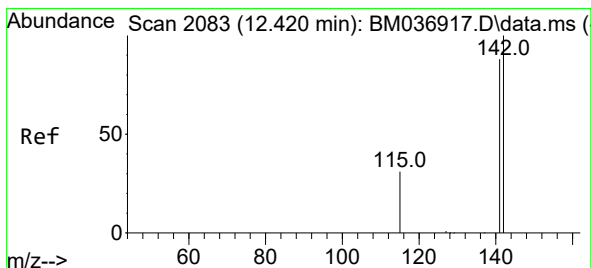
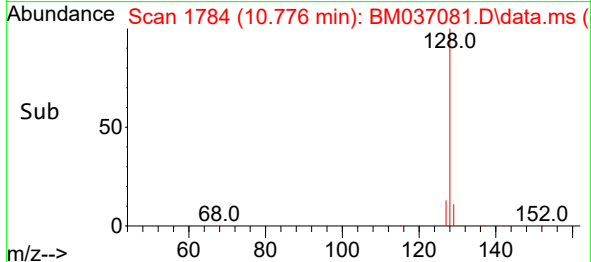
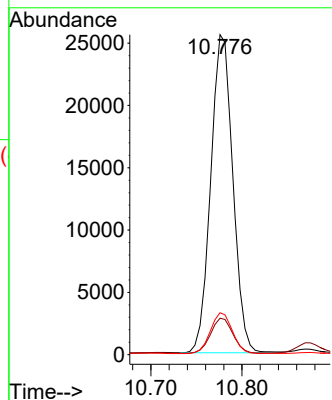
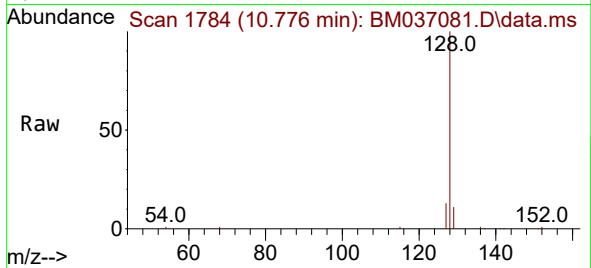




#5
Naphthalene
Concen: 0.631 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

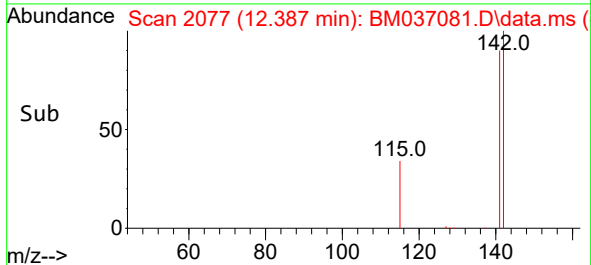
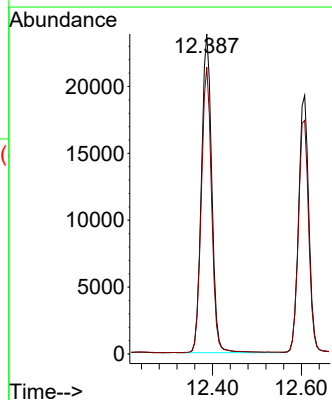
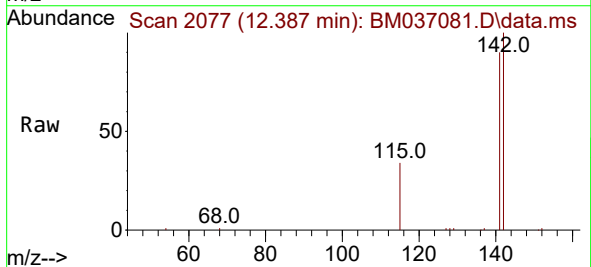
Instrument :
BNA_M
ClientSampleId :
C0BS1

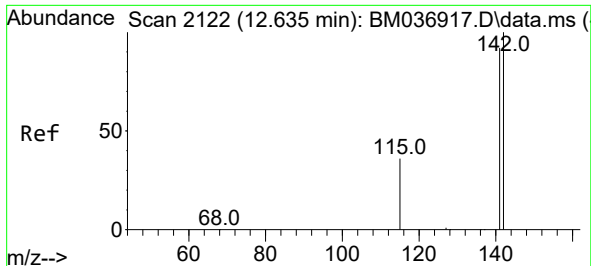
Tgt Ion:128 Resp: 43026
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.1 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.920 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

Tgt Ion:142 Resp: 38372
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0

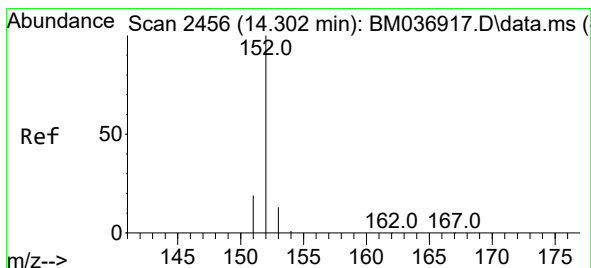
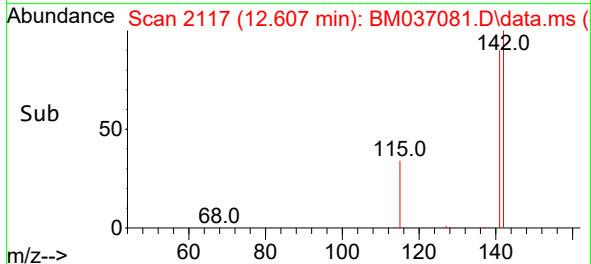
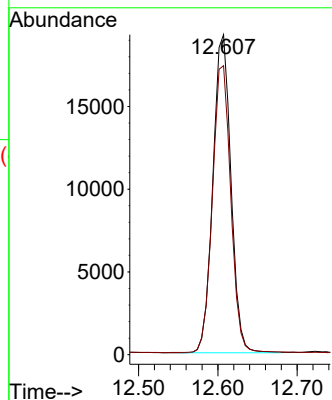
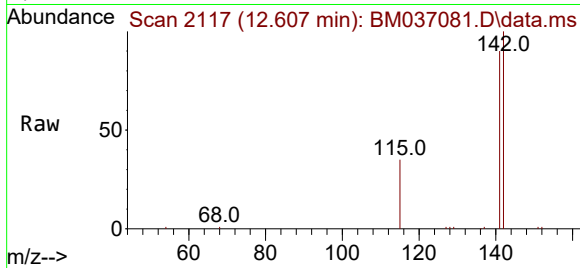




#8
1-Methylnaphthalene
Concen: 0.717 ng/ul
RT: 12.607 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

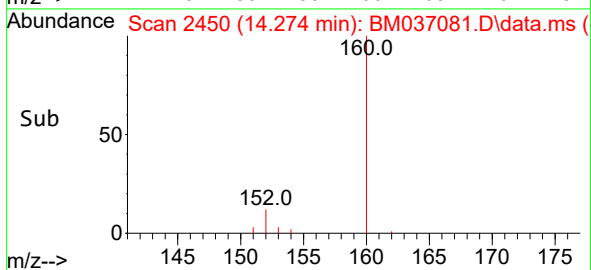
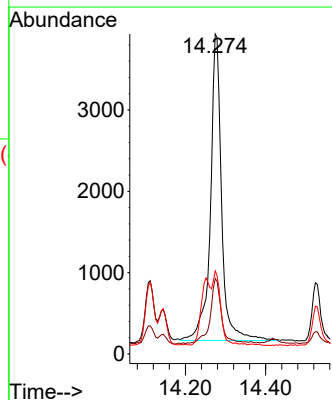
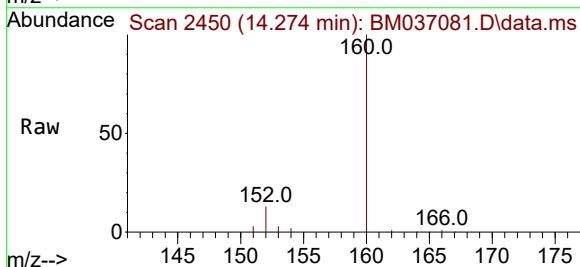
Instrument :
BNA_M
ClientSampleId :
C0BS1

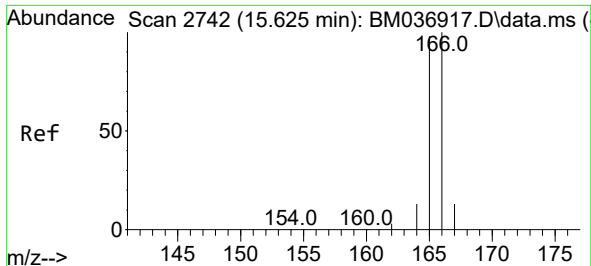
Tgt Ion:142 Resp: 30379
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

Tgt Ion:152 Resp: 7375
Ion Ratio Lower Upper
152 100
151 23.6 16.6 24.8
153 26.0 11.4 17.0#

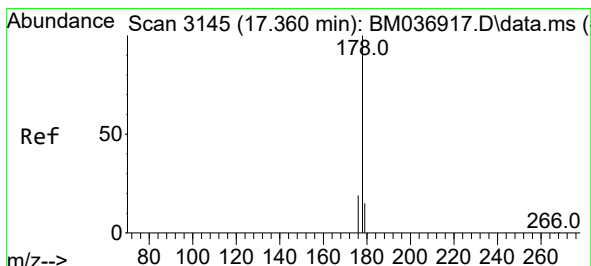
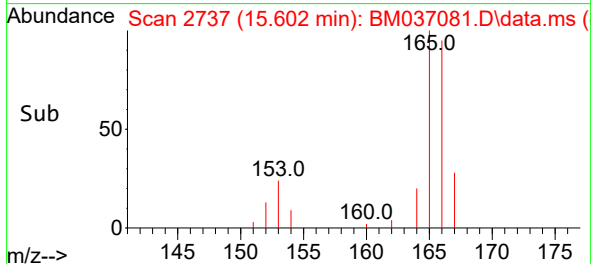
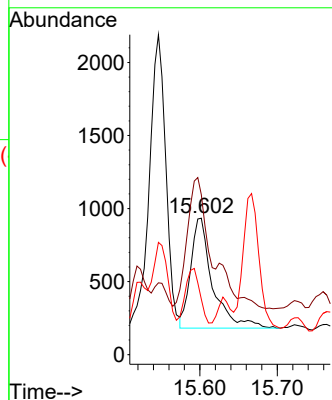
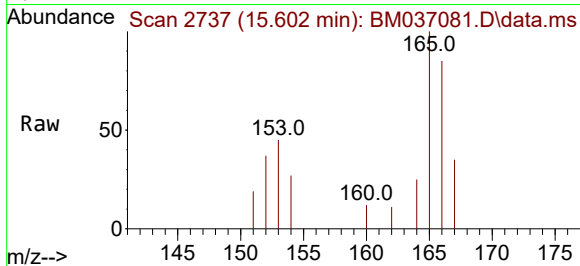




#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

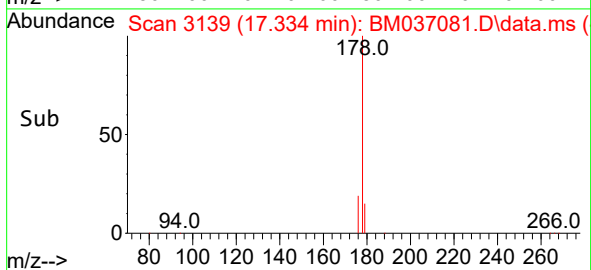
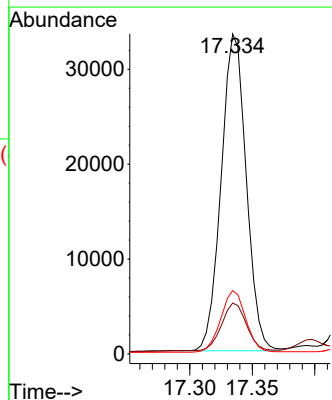
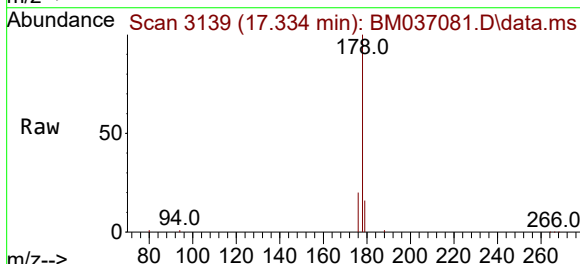
Instrument :
BNA_M
ClientSampleId :
C0BS1

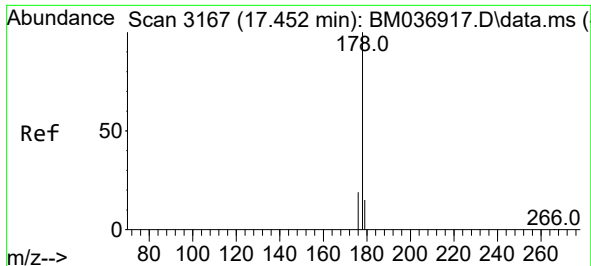
Tgt Ion:166 Resp: 1476
Ion Ratio Lower Upper
166 100
165 117.2 78.9 118.3
167 40.7 11.3 16.9#



#15
Phenanthrene
Concen: 0.561 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

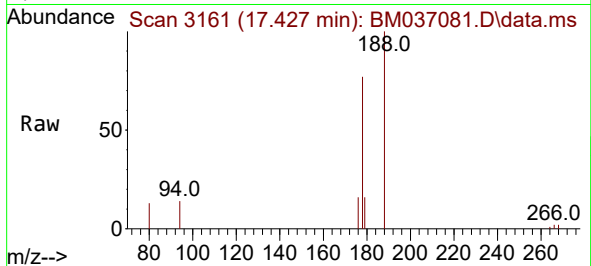
Tgt Ion:178 Resp: 46556
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.8 15.6 23.4



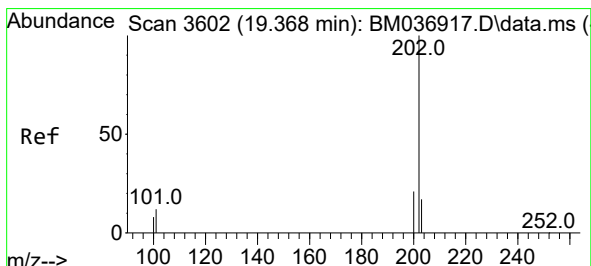
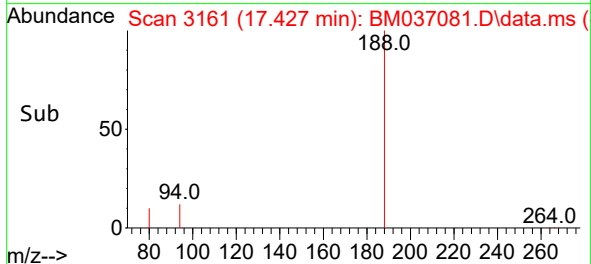
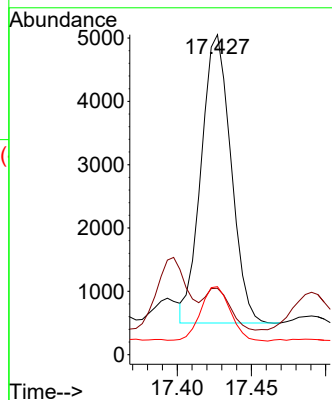


#16
 Anthracene
 Concen: 0.091 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM037081.D
 Acq: 15 Oct 2022 08:01

Instrument :
 BNA_M
 ClientSampleId :
 C0BS1

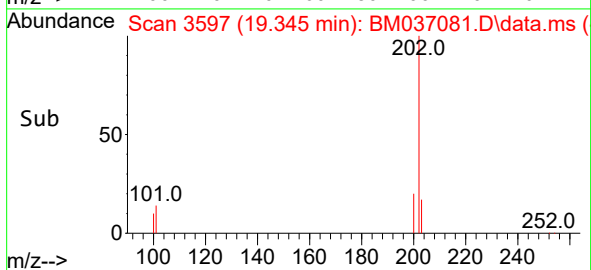
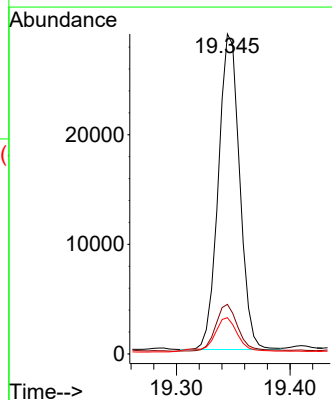
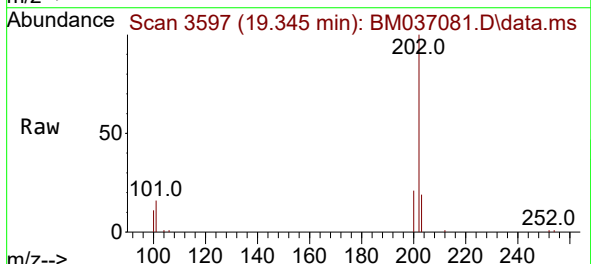


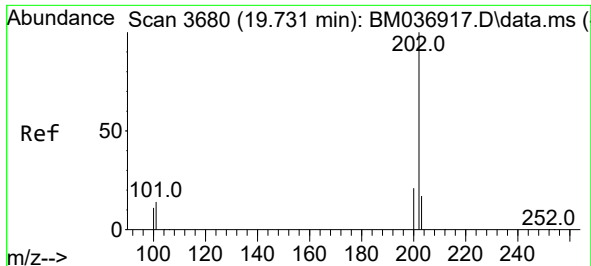
Tgt Ion:178 Resp: 6337
 Ion Ratio Lower Upper
 178 100
 179 20.8 13.6 20.4#
 176 21.2 15.6 23.4



#19
 Fluoranthene
 Concen: 0.536 ng/ul
 RT: 19.345 min Scan# 3597
 Delta R.T. -0.005 min
 Lab File: BM037081.D
 Acq: 15 Oct 2022 08:01

Tgt Ion:202 Resp: 37491
 Ion Ratio Lower Upper
 202 100
 101 15.5 10.1 15.1#
 100 11.4 7.9 11.9

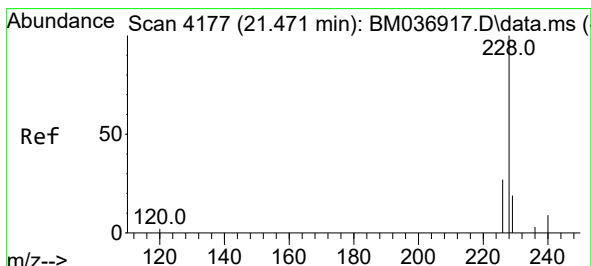
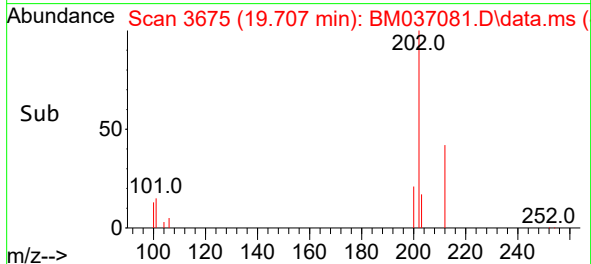
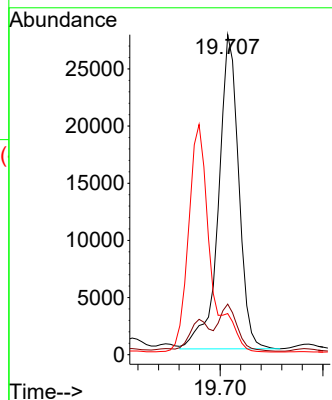
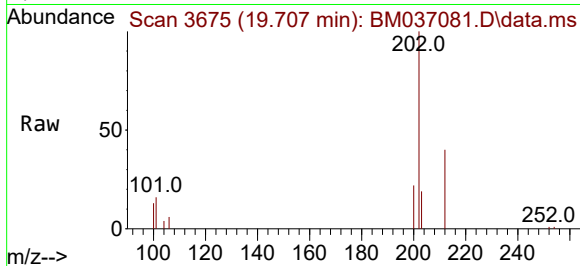




#20
Pyrene
Concen: 0.514 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

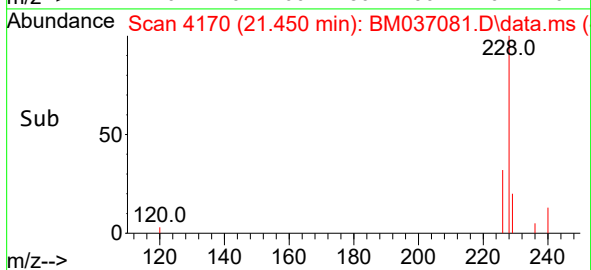
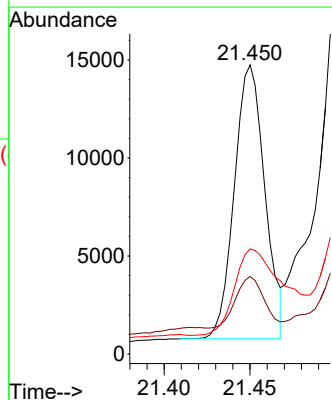
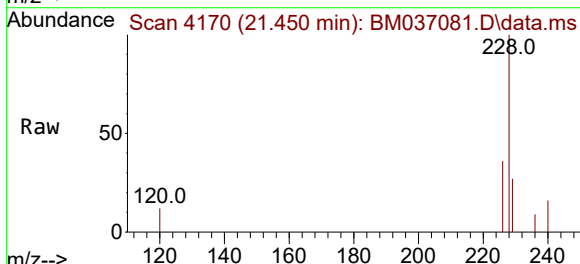
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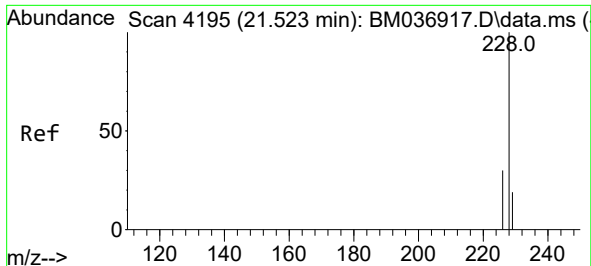
Tgt Ion:202 Resp: 37509
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.272 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

Tgt Ion:228 Resp: 17265
Ion Ratio Lower Upper
228 100
229 26.8 16.2 24.2#
226 36.3 22.5 33.7#





#22

Chrysene

Concen: 0.394 ng/ul

RT: 21.503 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM037081.D

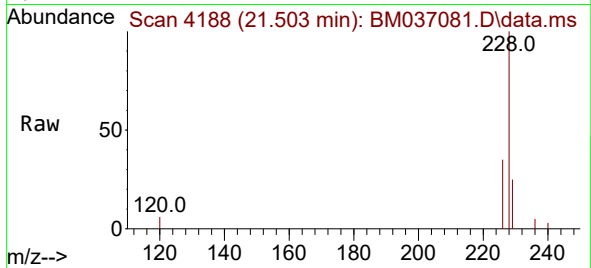
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Instrument :

BNA_M

ClientSampleId :

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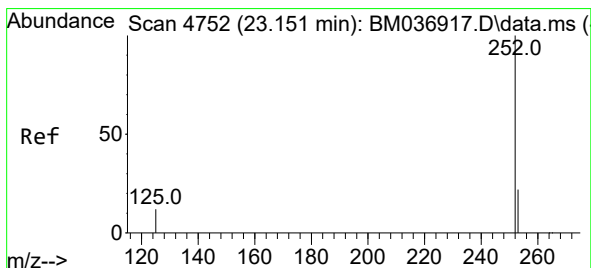
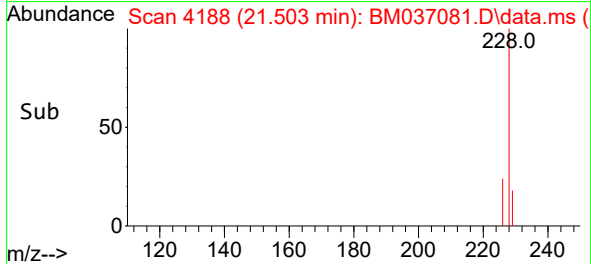
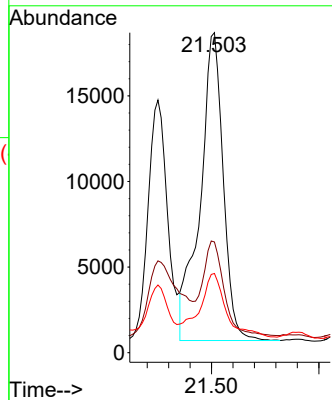
Tgt Ion:228 Resp: 26865

Ion Ratio Lower Upper

228 100

226 34.6 24.6 37.0

229 24.7 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.432 ng/ul

RT: 23.125 min Scan# 4743

Delta R.T. 0.003 min

Lab File: BM037081.D

Acq: 15 Oct 2022 08:01

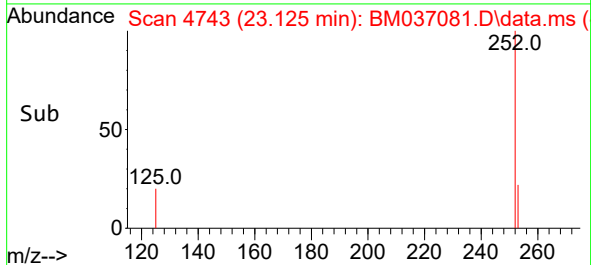
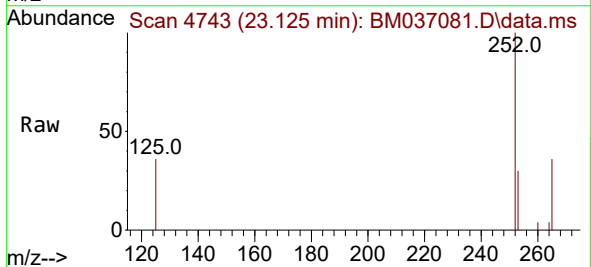
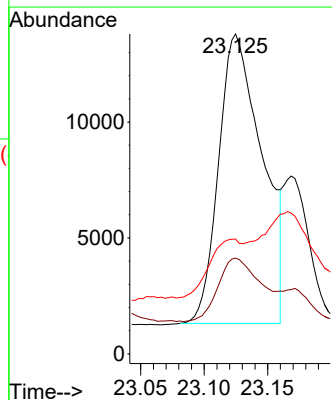
Tgt Ion:252 Resp: 29803

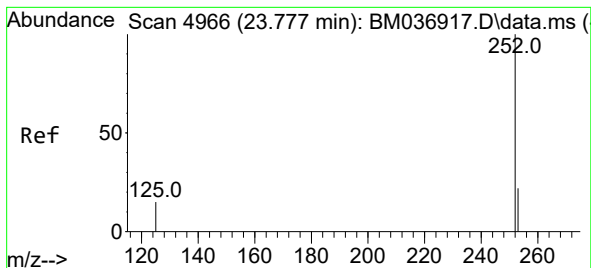
Ion Ratio Lower Upper

252 100

253 30.0 0.0 61.4

125 35.9 0.0 42.6





#26

Benzo(a)pyrene

Concen: 0.303 ng/ul

RT: 23.747 min Scan# 4966

Delta R.T. 0.003 min

Lab File: BM037081.D

Acq: 15 Oct 2022 08:01

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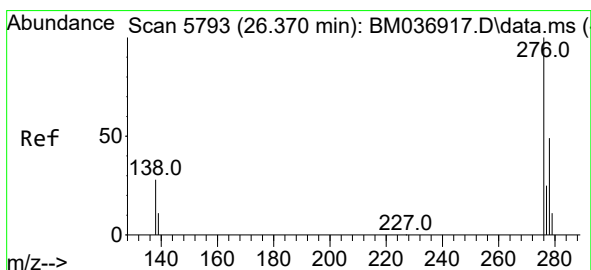
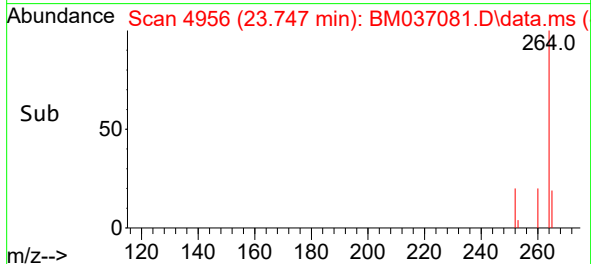
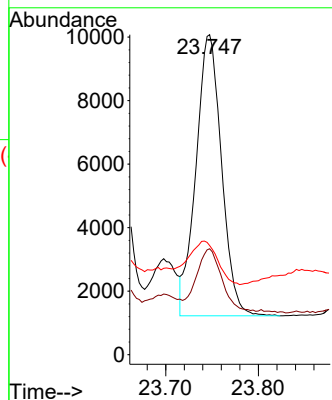
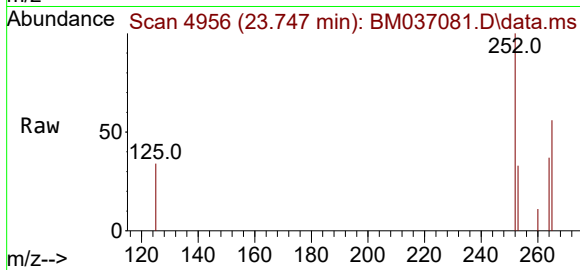
Tgt Ion:252 Resp: 16958

Ion Ratio Lower Upper

252 100

253 33.1 29.7 44.5

125 34.1 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.198 ng/ul

RT: 26.323 min Scan# 5779

Delta R.T. -0.003 min

Lab File: BM037081.D

Acq: 15 Oct 2022 08:01

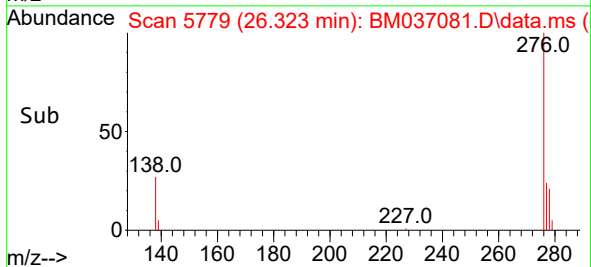
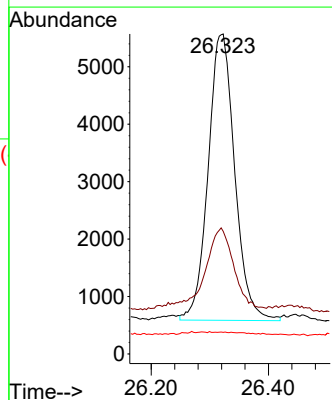
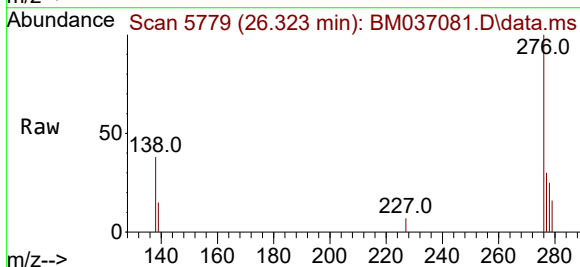
Tgt Ion:276 Resp: 15726

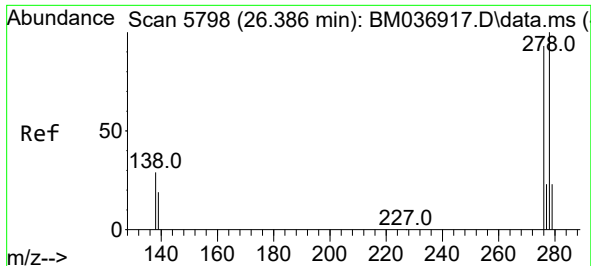
Ion Ratio Lower Upper

276 100

138 28.6 23.9 35.9

227 0.0 0.1 0.1#

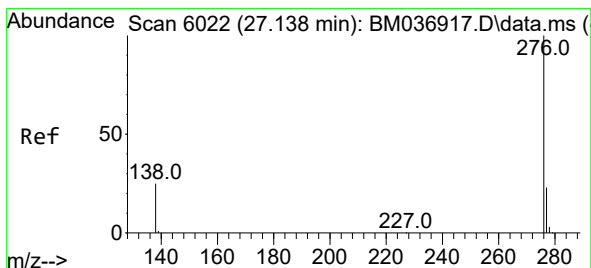
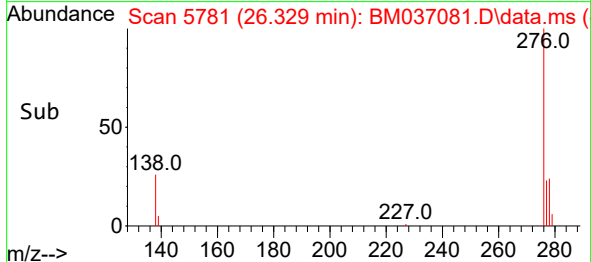
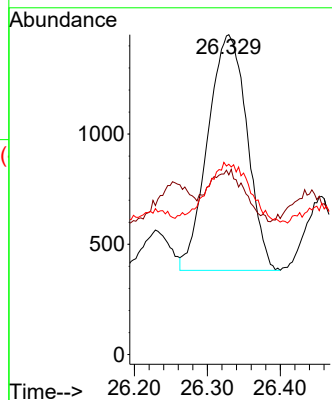
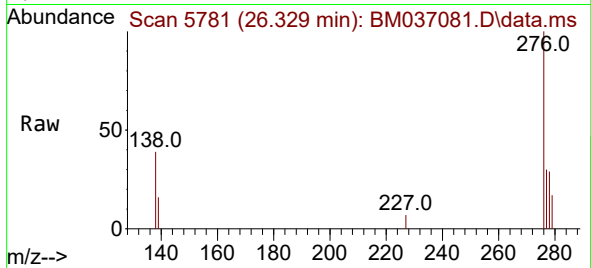




#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

Instrument :
BNA_M
ClientSampleId :
C0BS1

Tgt Ion:278 Resp: 3995
Ion Ratio Lower Upper
278 100
139 56.2 19.8 29.6#
279 59.5 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.178 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.000 min
Lab File: BM037081.D
Acq: 15 Oct 2022 08:01

Tgt Ion:276 Resp: 12410
Ion Ratio Lower Upper
276 100
138 40.2 23.4 35.0#
277 30.5 21.0 31.4

