

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037093.D
 Acq On : 15 Oct 2022 15:47
 Operator : CG/JU
 Sample : N5049-09DL 5X
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBM0DL

Quant Time: Oct 17 00:56:13 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)

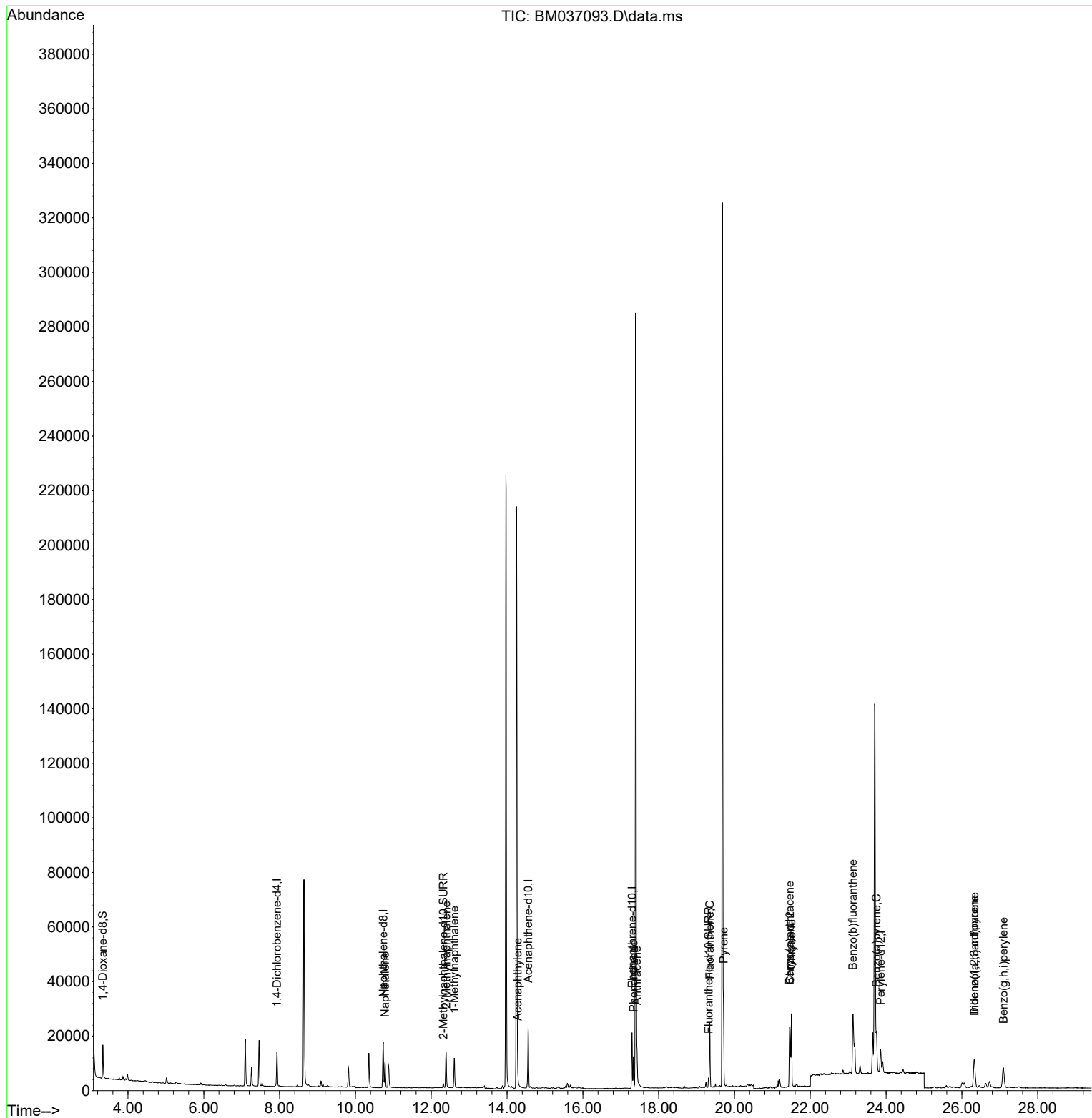
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22774	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	12133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	23337	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	14306	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	11372	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	8068	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2112	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3563	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.782	128	12914	0.198	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	10107	0.254	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	7724	0.191	ng/ul	99
10) Acenaphthylene	14.279	152	3322	0.066	ng/ul#	90
15) Phenanthrene	17.339	178	12636	0.170	ng/ul	99
16) Anthracene	17.427	178	8850	0.142	ng/ul	100
19) Fluoranthene	19.349	202	19799	0.348	ng/ul	99
20) Pyrene	19.712	202	22636	0.381	ng/ul	97
21) Benzo(a)anthracene	21.453	228	15767	0.305	ng/ul	97
22) Chrysene	21.502	228	27491	0.495	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	37995	0.748	ng/ul	93
26) Benzo(a)pyrene	23.744	252	18496	0.449	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.326	276	17776	0.304	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.333	278	4820	0.102	ng/ul#	90
29) Benzo(g,h,i)perylene	27.094	276	16441	0.320	ng/ul	98

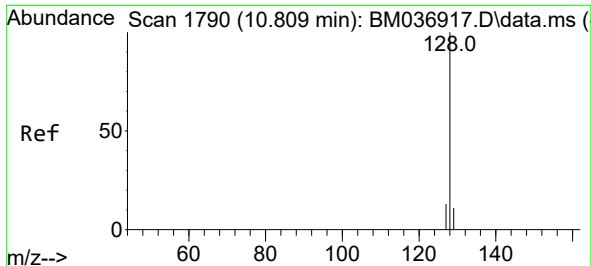
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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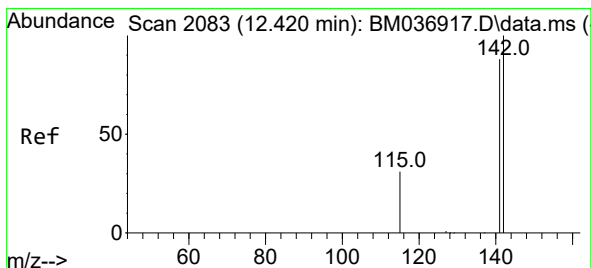
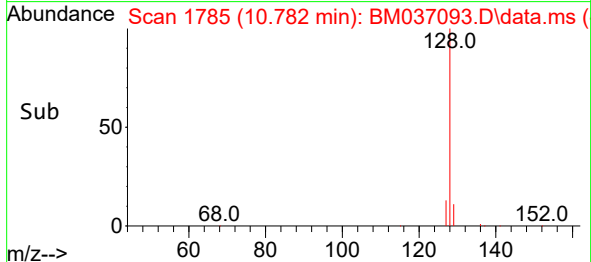
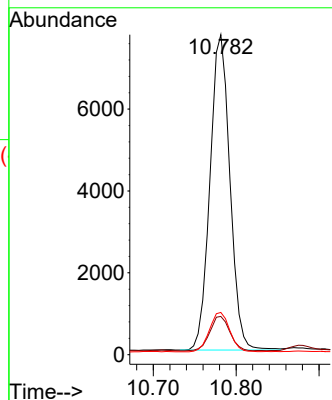
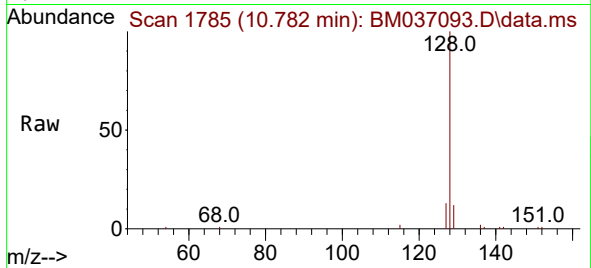




#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

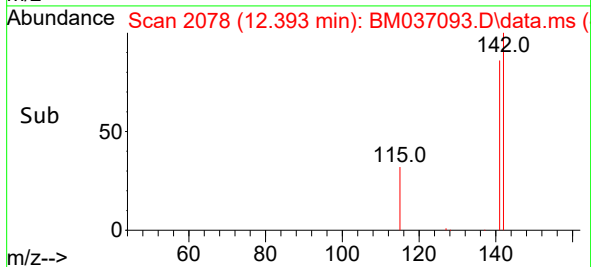
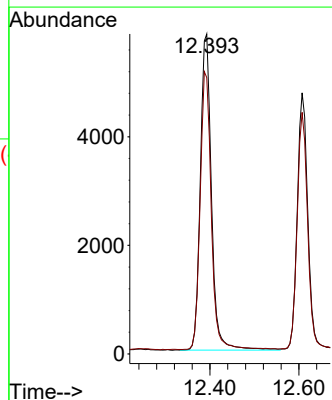
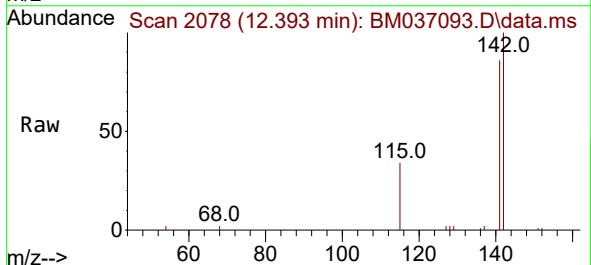
Instrument :
BNA_M
ClientSampleId :
COBM0DL

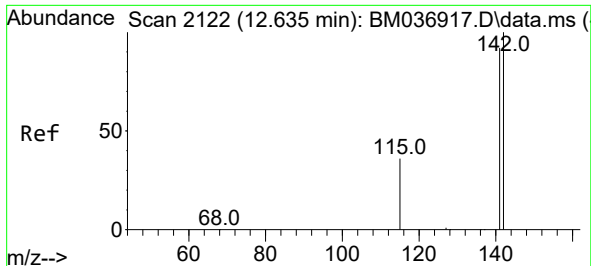
Tgt Ion:128 Resp: 12914
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:142 Resp: 10107
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0

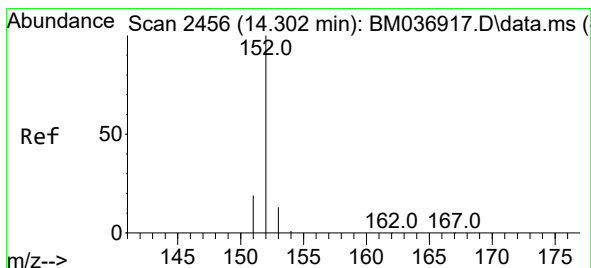
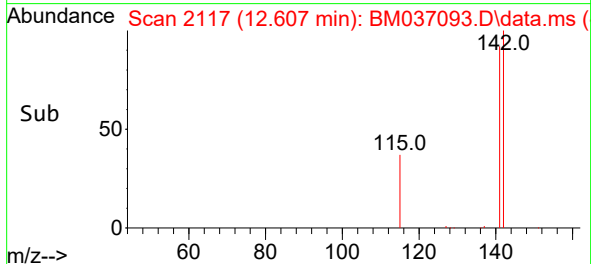
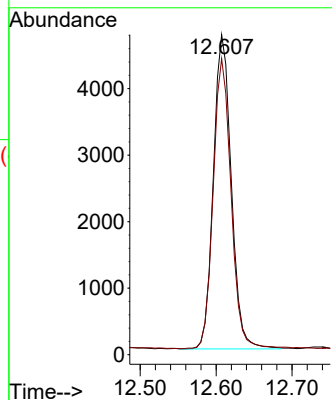
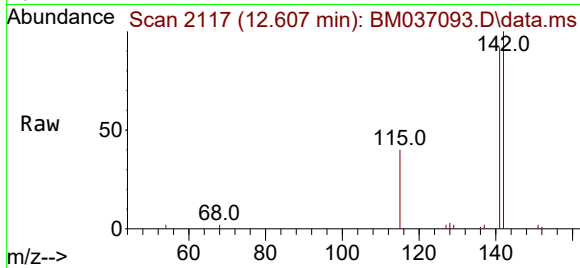




#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

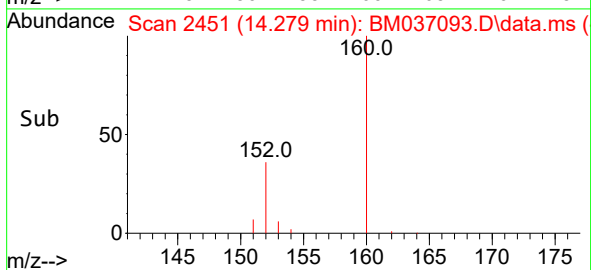
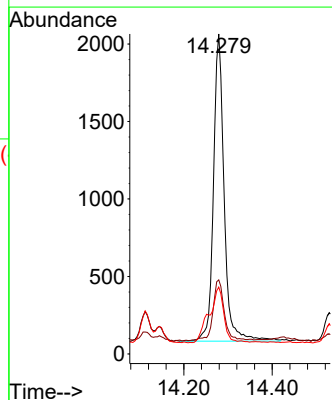
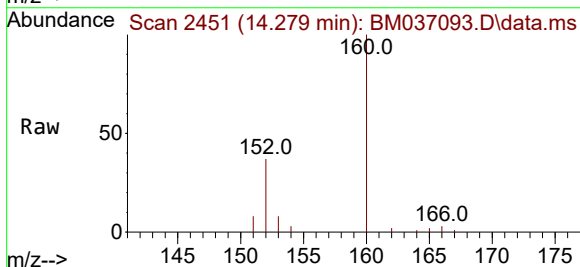
Instrument :
BNA_M
ClientSampleId :
COBM0DL

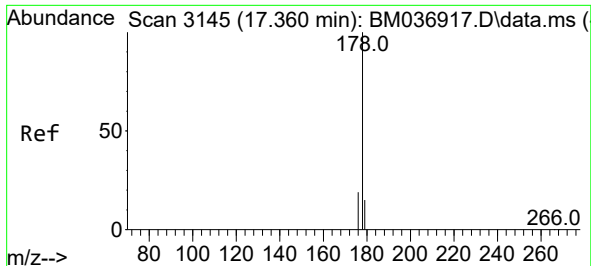
Tgt Ion:142 Resp: 7724
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:152 Resp: 3322
Ion Ratio Lower Upper
152 100
151 23.1 16.6 24.8
153 20.9 11.4 17.0#

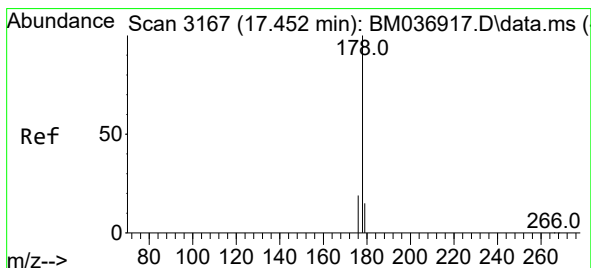
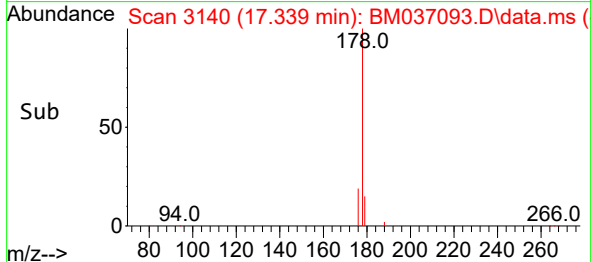
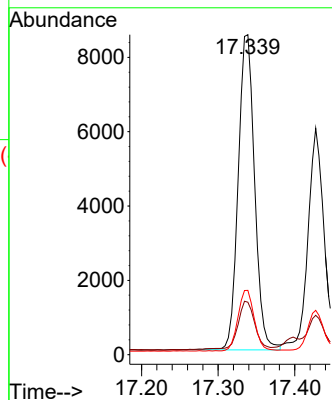
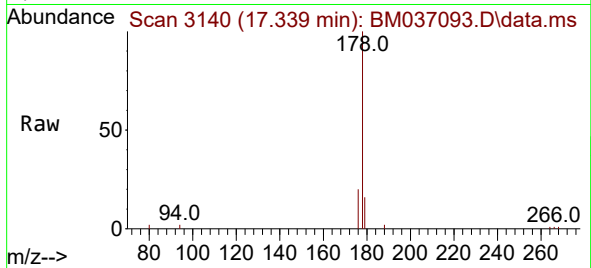




#15
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.339 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

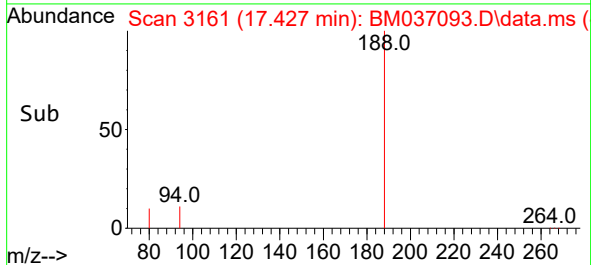
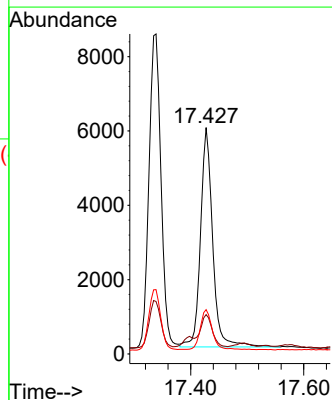
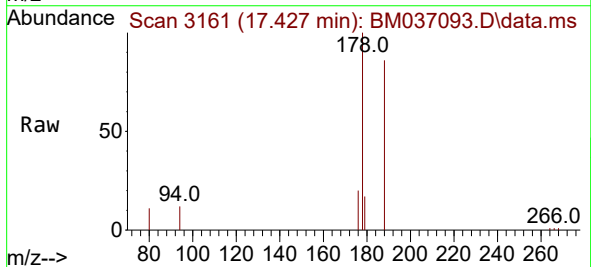
Instrument :
BNA_M
ClientSampleId :
COBM0DL

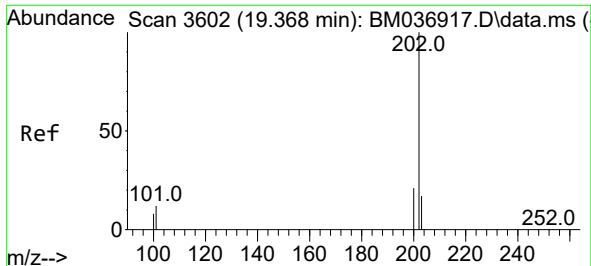
Tgt Ion:178 Resp: 12636
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.1 15.6 23.4



#16
Anthracene
Concen: 0.142 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:178 Resp: 8850
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.5 15.6 23.4

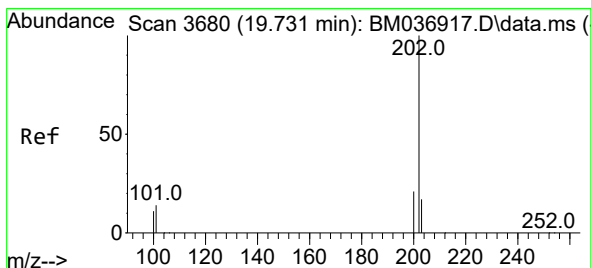
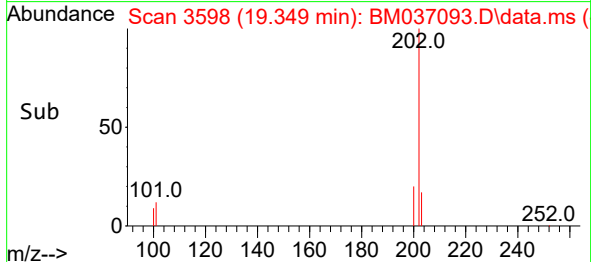
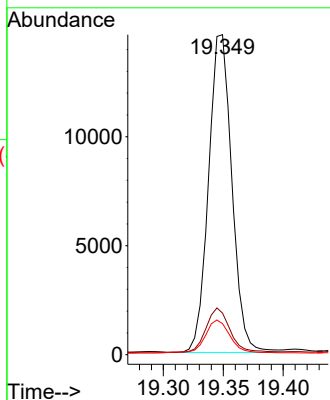
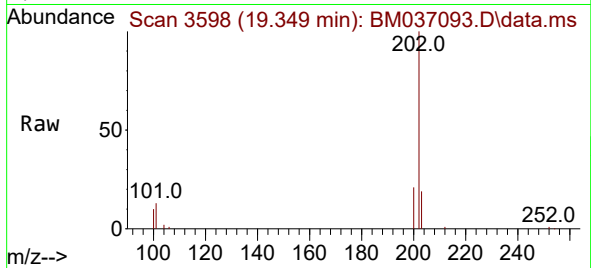




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.349 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

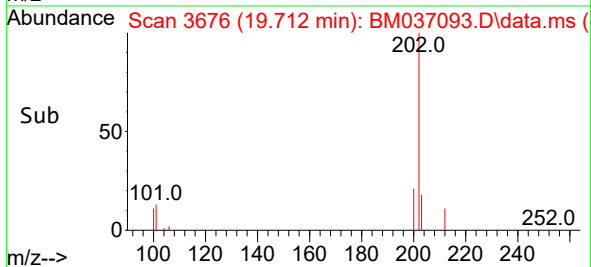
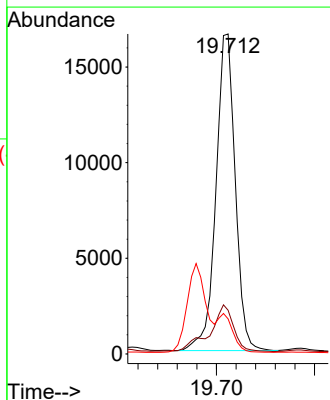
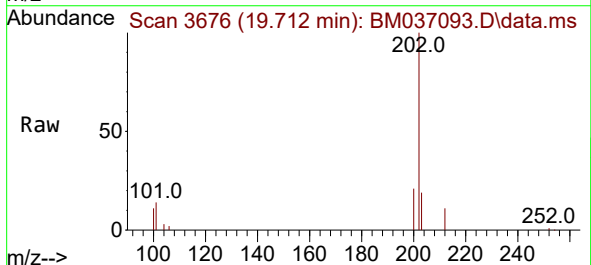
Instrument :
BNA_M
ClientSampleId :
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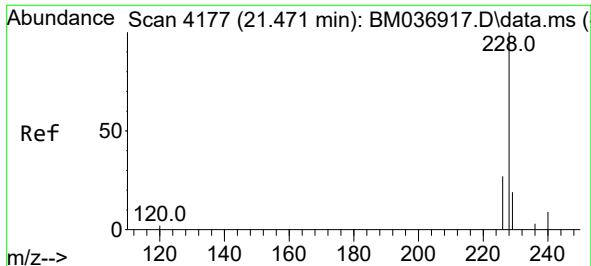
Tgt Ion:202 Resp: 19799
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.004 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:202 Resp: 22636
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.9 9.8 14.6

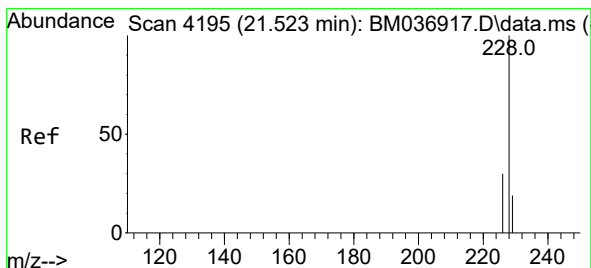
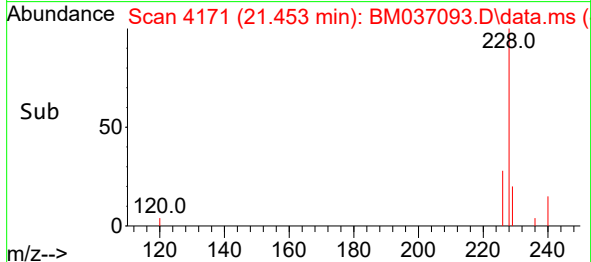
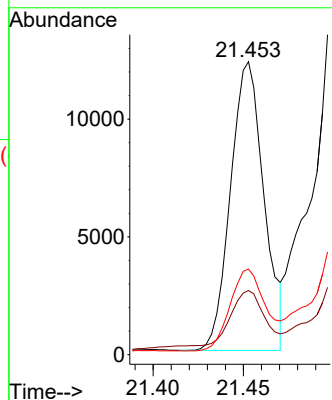
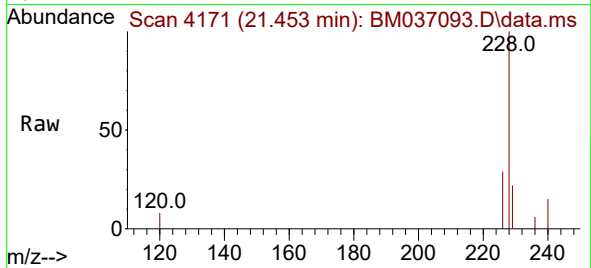




#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.453 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

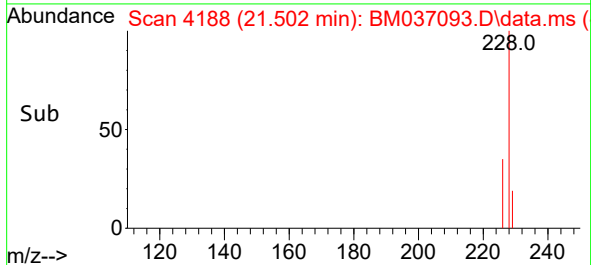
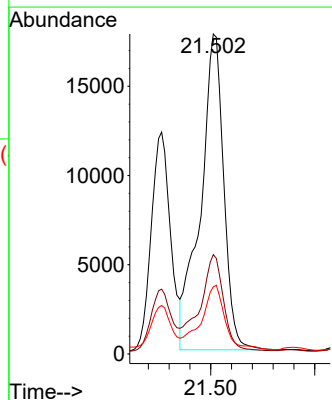
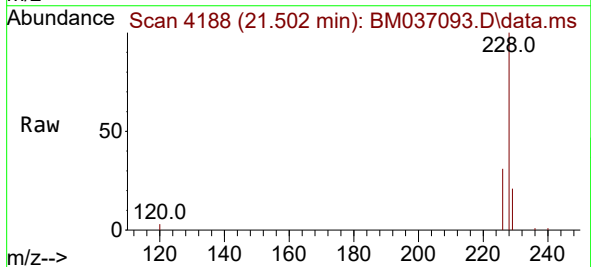
Instrument :
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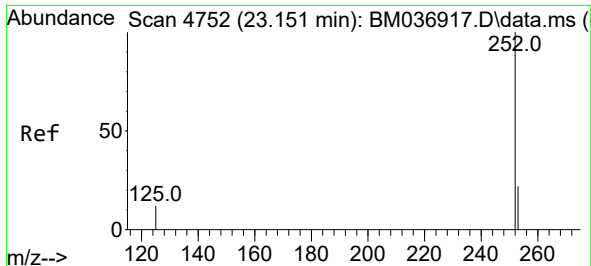
Tgt Ion:228 Resp: 15767
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 29.2 22.5 33.7



#22
Chrysene
Concen: 0.495 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:228 Resp: 27491
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.0 16.4 24.6

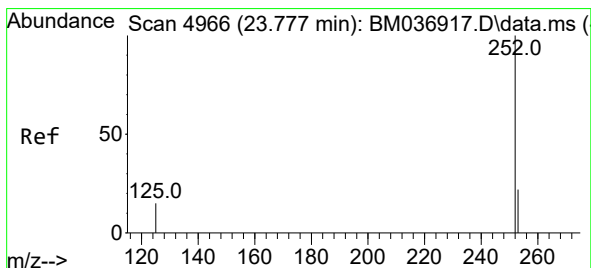
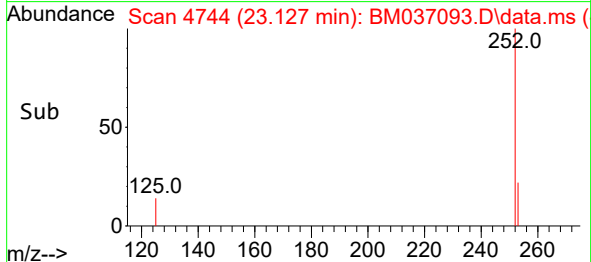
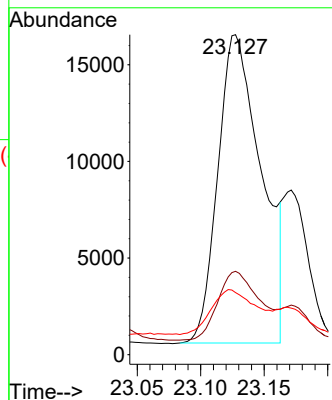
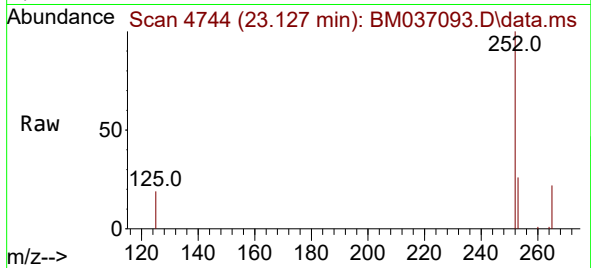




#24
Benzo(b)fluoranthene
Concen: 0.748 ng/ul
RT: 23.127 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

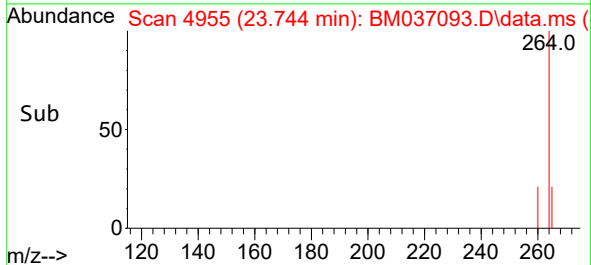
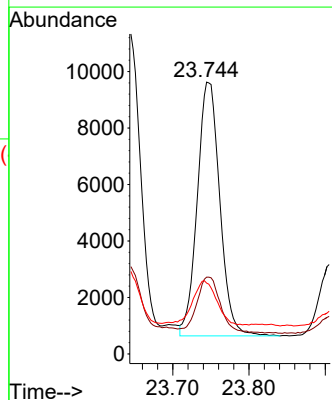
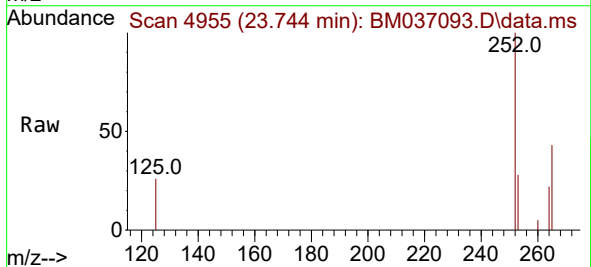
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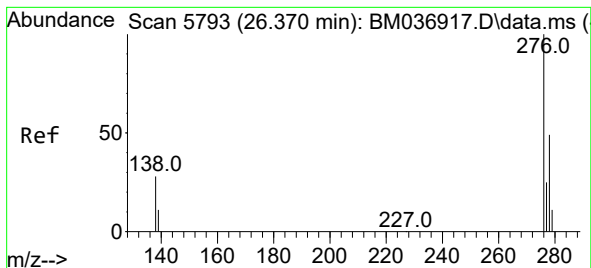
Tgt Ion:252 Resp: 37995
Ion Ratio Lower Upper
252 100
253 26.1 0.0 61.4
125 19.4 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.744 min Scan# 4955
Delta R.T. -0.000 min
Lab File: BM037093.D
Acq: 15 Oct 2022 15:47

Tgt Ion:252 Resp: 18496
Ion Ratio Lower Upper
252 100
253 28.3 29.7 44.5#
125 26.1 23.6 35.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.304 ng/ul

RT: 26.326 min Scan# 51

Delta R.T. -0.000 min

Lab File: BM037093.D

Acq: 15 Oct 2022 15:47

Instrument :

BNA_M

ClientSampleId :

COBM0DL

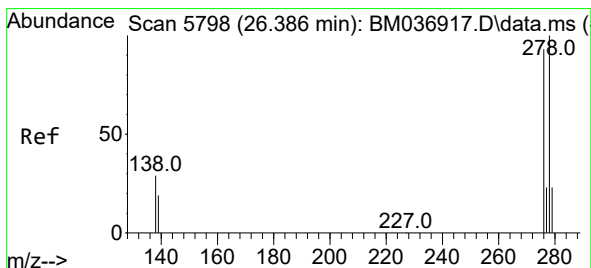
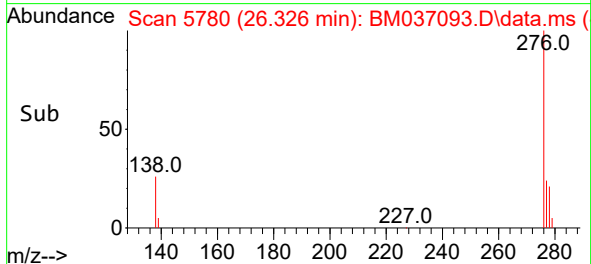
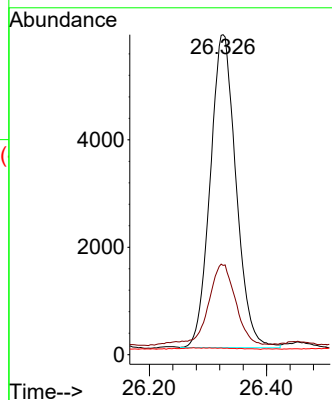
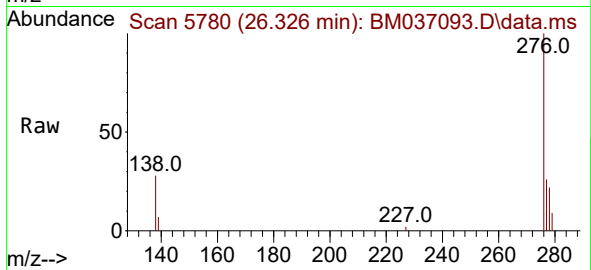
Tgt Ion:276 Resp: 17776

Ion Ratio Lower Upper

276 100

138 28.0 23.9 35.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 26.333 min Scan# 5782

Delta R.T. -0.010 min

Lab File: BM037093.D

Acq: 15 Oct 2022 15:47

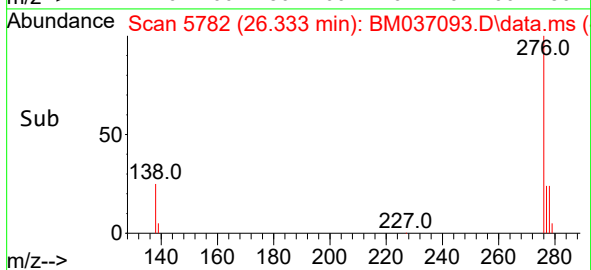
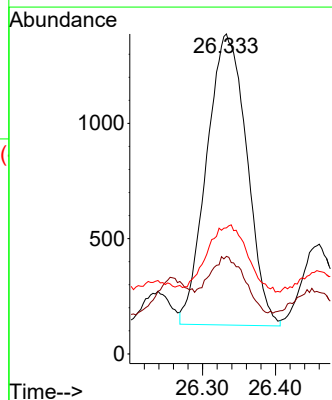
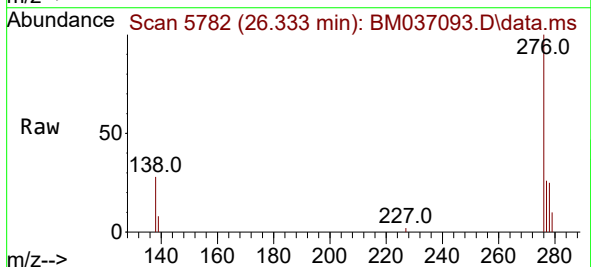
Tgt Ion:278 Resp: 4820

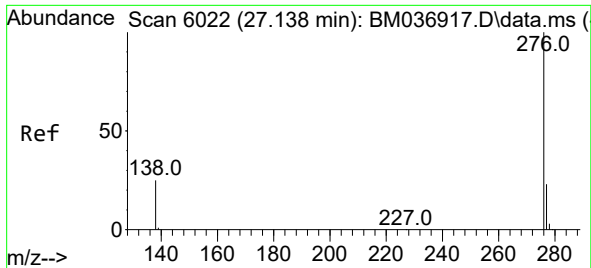
Ion Ratio Lower Upper

278 100

139 30.5 19.8 29.6#

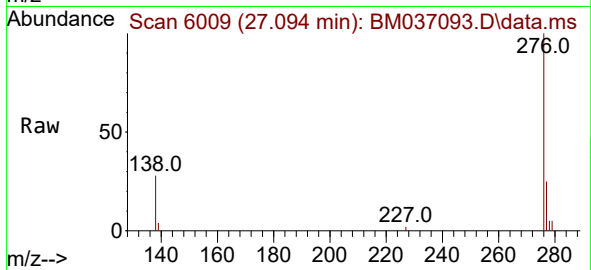
279 39.4 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.320 ng/ul
 RT: 27.094 min Scan# 6022
 Delta R.T. 0.006 min
 Lab File: BM037093.D
 Acq: 15 Oct 2022 15:47

Instrument :
 BNA_M
 ClientSampleId :
 COBM0DL



Tgt Ion:276 Resp: 16441
 Ion Ratio Lower Upper
 276 100
 138 28.2 23.4 35.0
 277 25.1 21.0 31.4

