

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040866.D
 Acq On : 14 Jul 2023 01:34
 Operator : MA/JU
 Sample : 03418-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J7

Quant Time: Jul 14 03:18:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

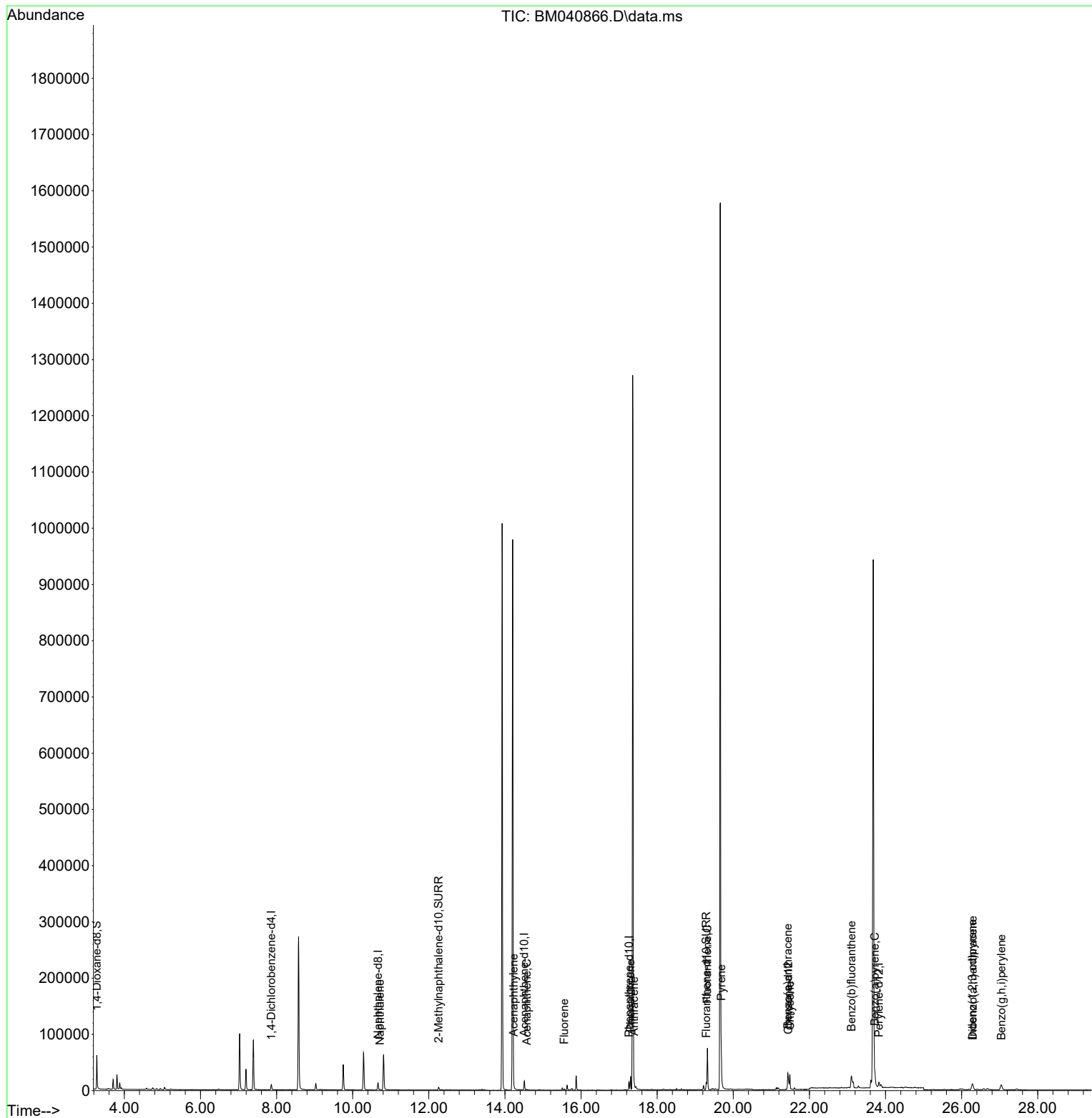
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4867	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	16856	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	8449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	16588	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	11681	0.400	ng/ul	-0.01
23) Perylene-d12	23.828	264	13450	0.400	ng/ul #	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	32539	4.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	7359	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	12696	0.339	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.713	128	1366	0.029	ng/ul#	80
10) Acenaphthylene	14.231	152	3028	0.080	ng/ul#	91
11) Acenaphthene	14.574	153	867	0.027	ng/ul	96
12) Fluorene	15.559	166	1292	0.038	ng/ul#	95
15) Phenanthrene	17.299	178	25290	0.491	ng/ul	100
16) Anthracene	17.392	178	4402	0.102	ng/ul#	94
19) Fluoranthene	19.320	202	59965	1.209	ng/ul	97
20) Pyrene	19.682	202	54008	1.015	ng/ul	99
21) Benzo(a)anthracene	21.434	228	23500	0.595	ng/ul	97
22) Chrysene	21.486	228	26491	0.588	ng/ul	97
24) Benzo(b)fluoranthene	23.103	252	37415	0.719	ng/ul	98
26) Benzo(a)pyrene	23.719	252	25836	0.551	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.280	276	19285	0.295	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.294	278	4467	0.087	ng/ul#	69
29) Benzo(g,h,i)perylene	27.042	276	20238	0.354	ng/ul	98

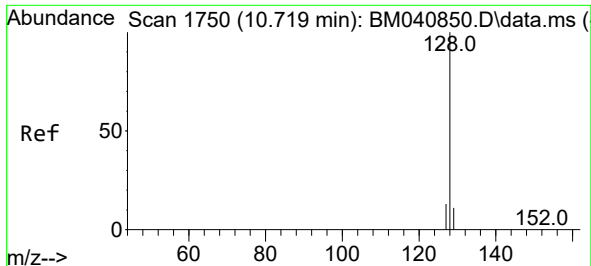
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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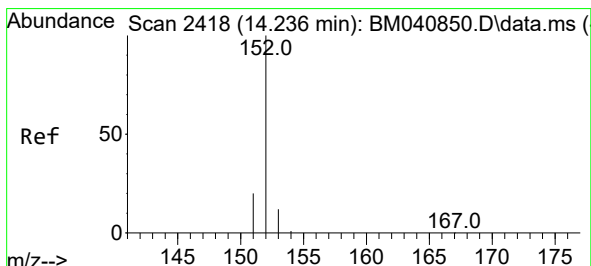
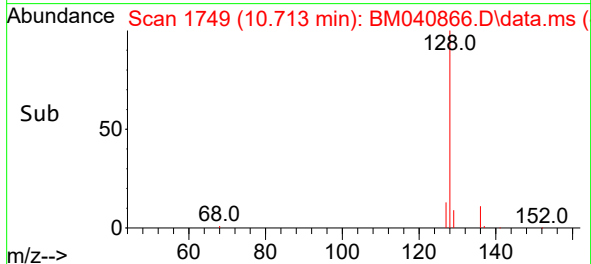
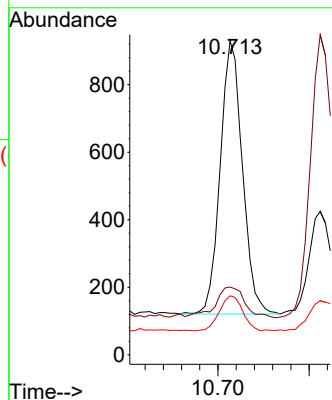
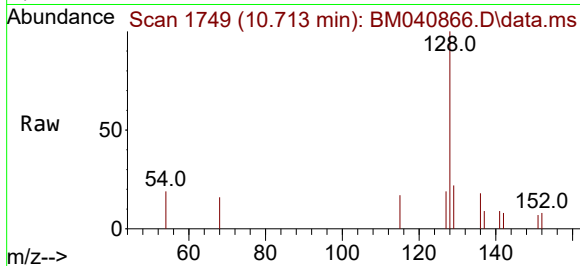




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

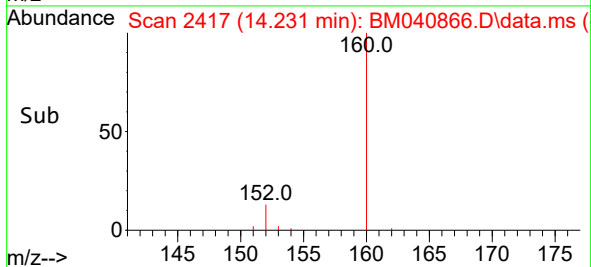
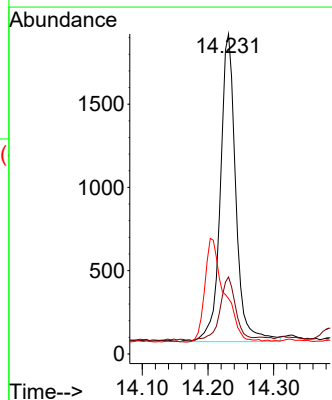
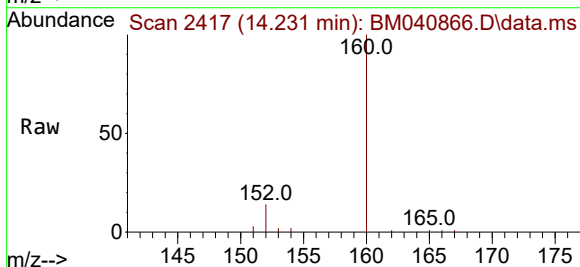
Instrument :
BNA_M
ClientSampleId :
A46J7

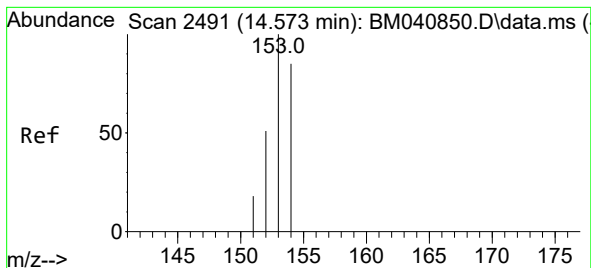
Tgt Ion:128 Resp: 1366
Ion Ratio Lower Upper
128 100
129 21.6 9.2 13.8#
127 18.8 10.6 15.8#



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

Tgt Ion:152 Resp: 3028
Ion Ratio Lower Upper
152 100
151 24.0 16.2 24.2
153 17.3 10.9 16.3#





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.574 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

Instrument :

BNA_M

ClientSampleId :

A46J7

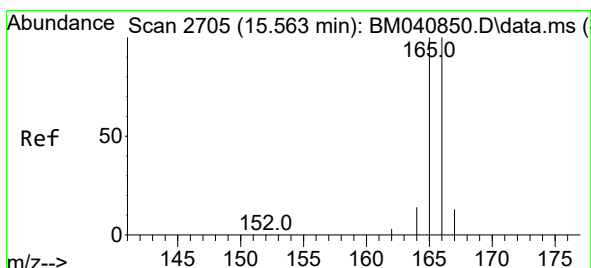
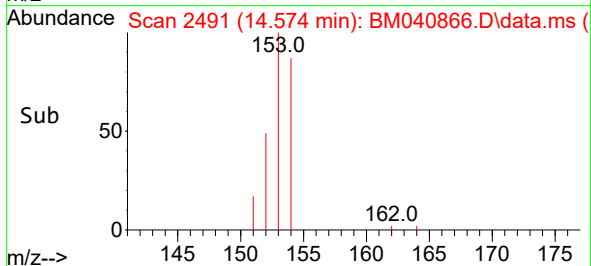
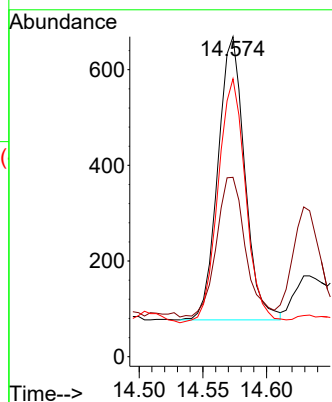
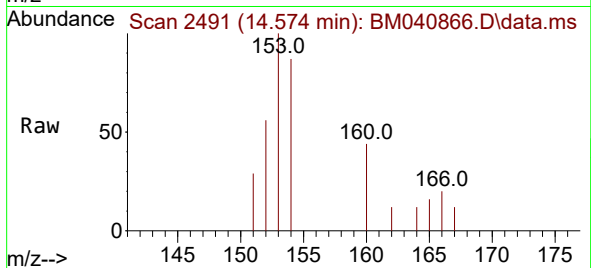
Tgt Ion:153 Resp: 867

Ion Ratio Lower Upper

153 100

152 56.1 41.0 61.4

154 86.8 70.8 106.2



#12

Fluorene

Concen: 0.038 ng/ul

RT: 15.559 min Scan# 2704

Delta R.T. -0.004 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

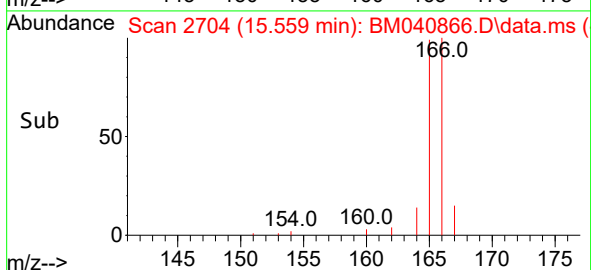
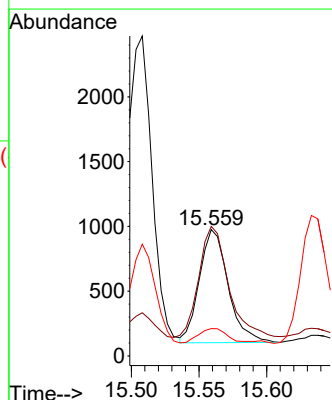
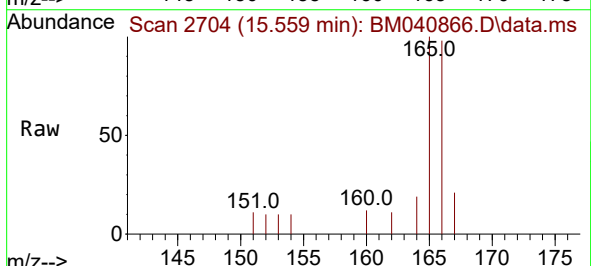
Tgt Ion:166 Resp: 1292

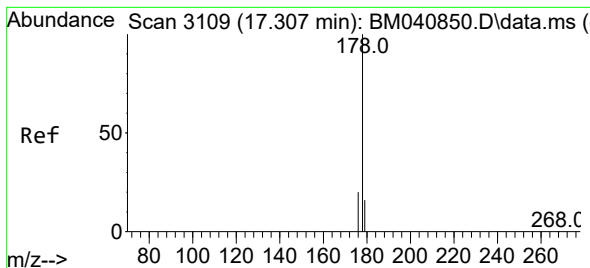
Ion Ratio Lower Upper

166 100

165 102.6 79.6 119.4

167 21.6 11.4 17.0#





#15

Phenanthrene

Concen: 0.491 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

Instrument :

BNA_M

ClientSampleId :

A46J7

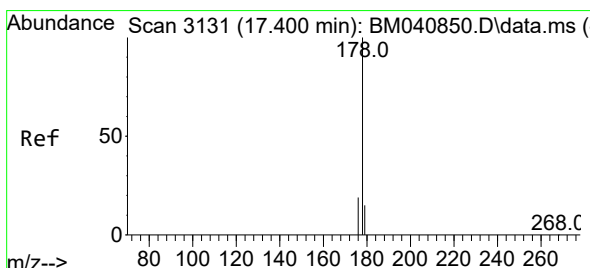
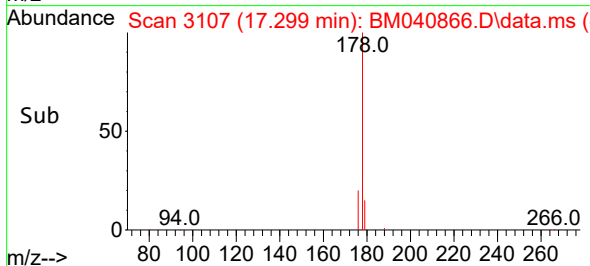
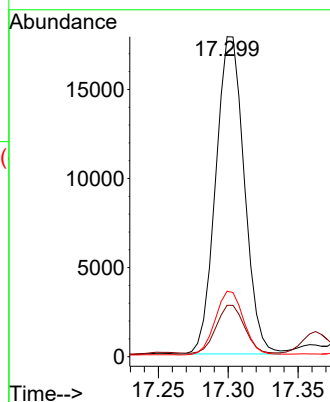
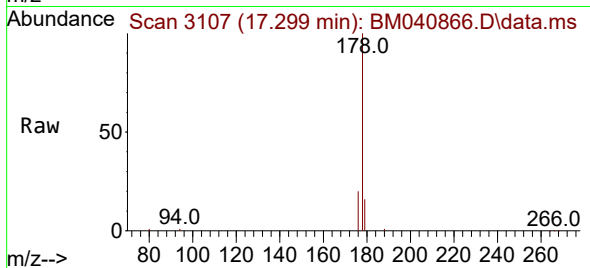
Tgt Ion:178 Resp: 25290

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.5 16.4 24.6



#16

Anthracene

Concen: 0.102 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.008 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

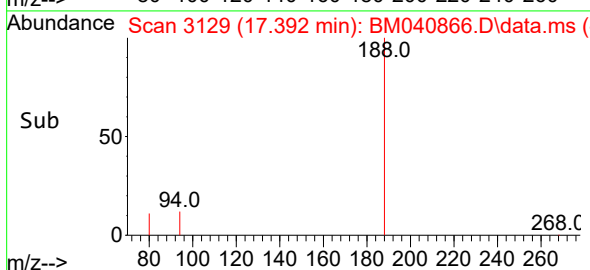
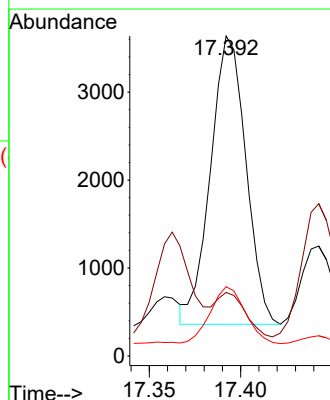
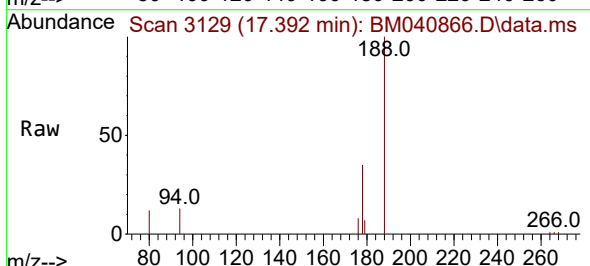
Tgt Ion:178 Resp: 4402

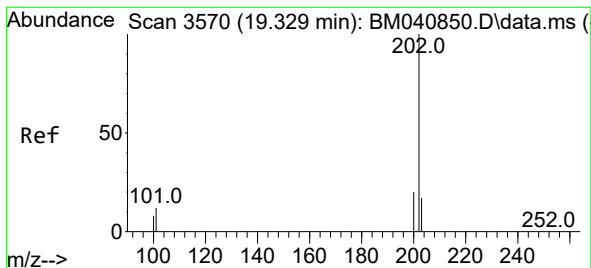
Ion Ratio Lower Upper

178 100

179 19.9 12.9 19.3#

176 21.7 15.8 23.6





#19

Fluoranthene

Concen: 1.209 ng/ul

RT: 19.320 min Scan# 3570

Delta R.T. -0.009 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

Instrument :

BNA_M

ClientSampleId :

A46J7

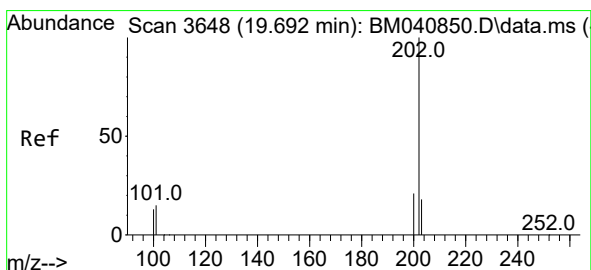
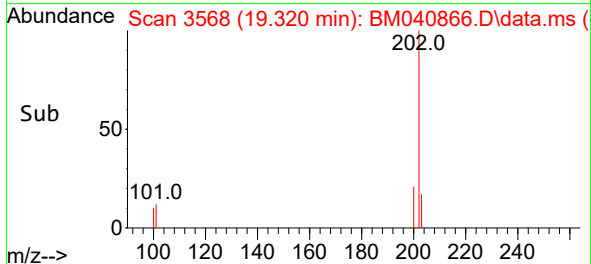
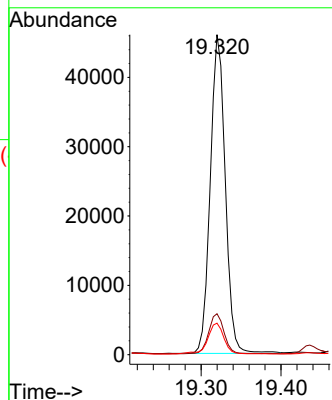
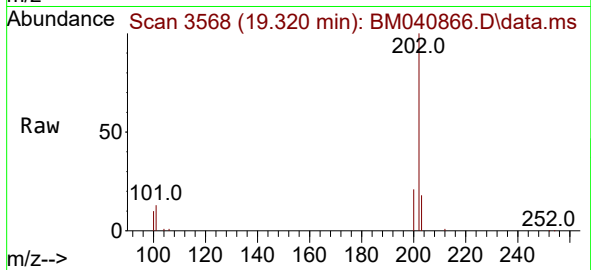
Tgt Ion:202 Resp: 59965

Ion Ratio Lower Upper

202 100

101 12.8 11.4 17.0

100 9.8 8.7 13.1



#20

Pyrene

Concen: 1.015 ng/ul

RT: 19.682 min Scan# 3646

Delta R.T. -0.009 min

Lab File: BM040866.D

Acq: 14 Jul 2023 01:34

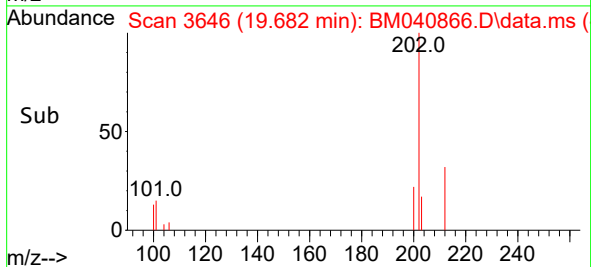
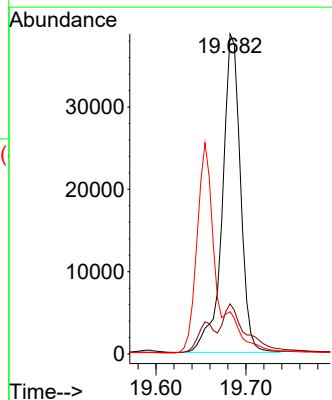
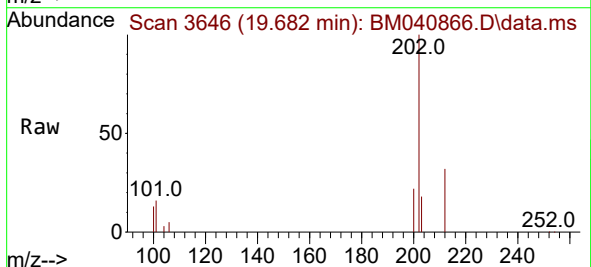
Tgt Ion:202 Resp: 54008

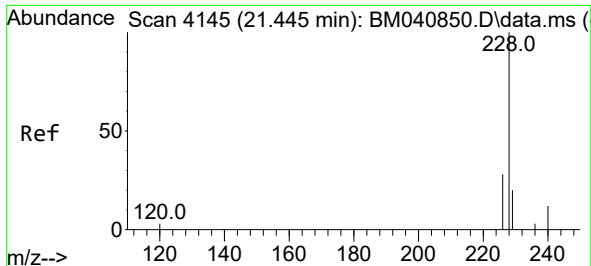
Ion Ratio Lower Upper

202 100

101 15.7 12.6 18.8

100 13.2 9.8 14.6

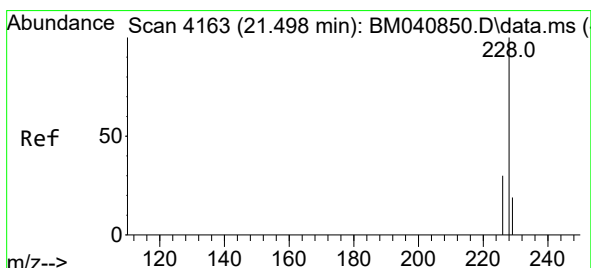
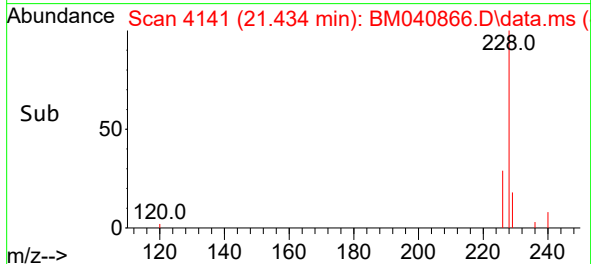
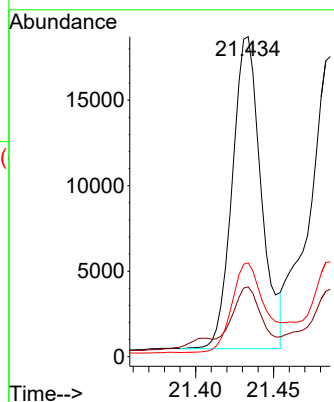
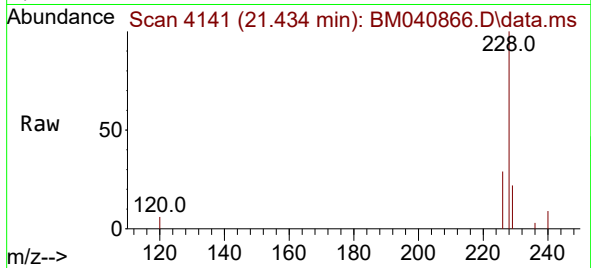




#21
Benzo(a)anthracene
Concen: 0.595 ng/ul
RT: 21.434 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

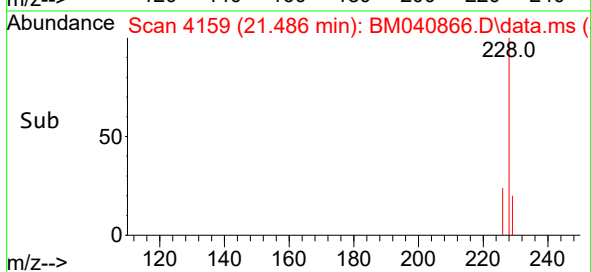
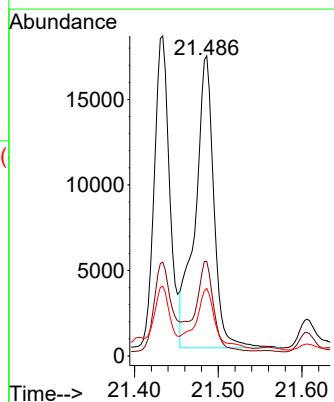
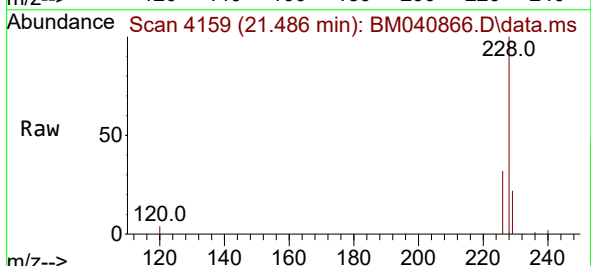
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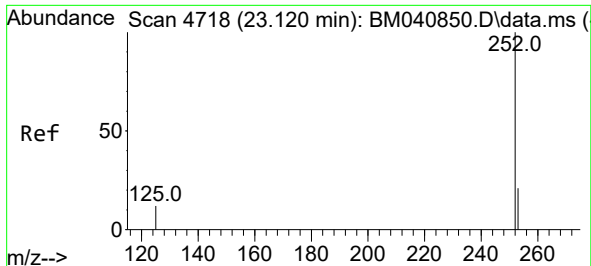
Tgt Ion:228 Resp: 23500
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.588 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

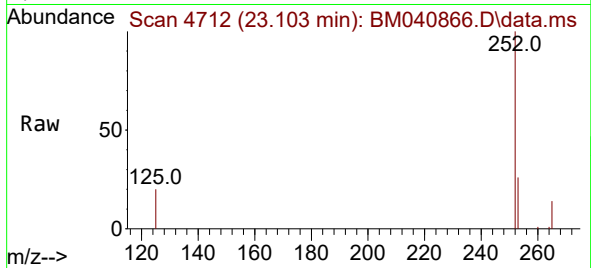
Tgt Ion:228 Resp: 26491
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.5 15.8 23.6



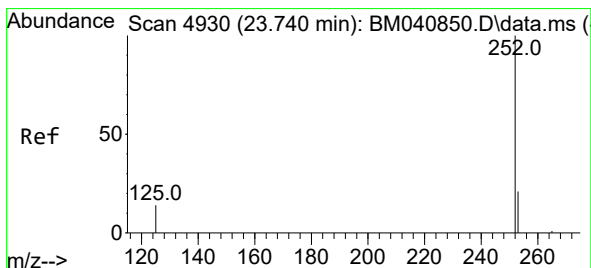
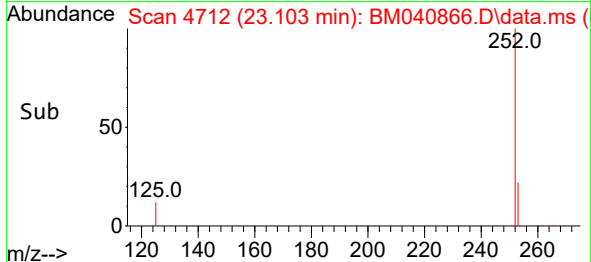
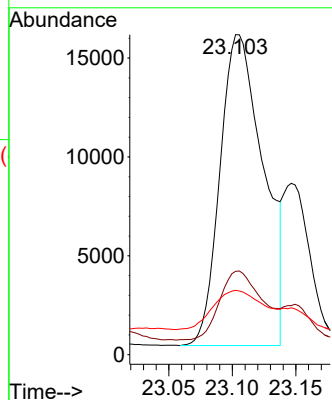


#24
Benzo(b)fluoranthene
Concen: 0.719 ng/ul
RT: 23.103 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

Instrument :
BNA_M
ClientSampleId :
A46J7

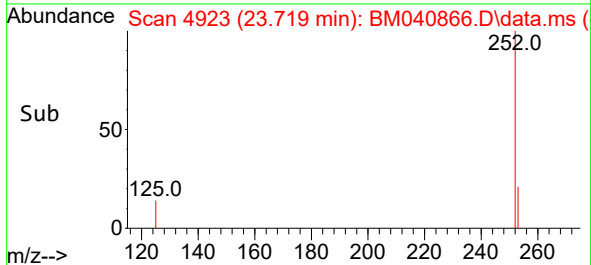
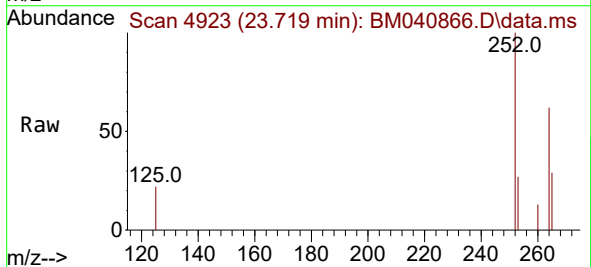
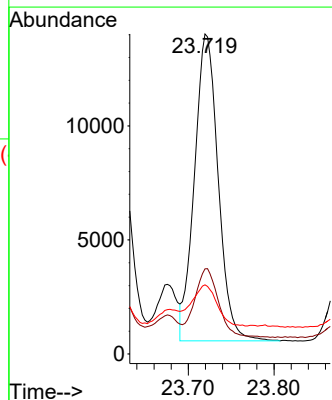


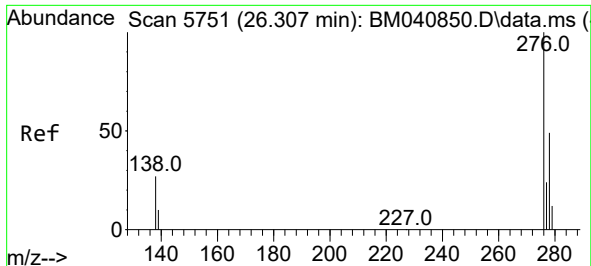
Tgt Ion:252 Resp: 37415
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 20.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.551 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.020 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

Tgt Ion:252 Resp: 25836
Ion Ratio Lower Upper
252 100
253 26.6 22.9 34.3
125 21.6 21.0 31.4

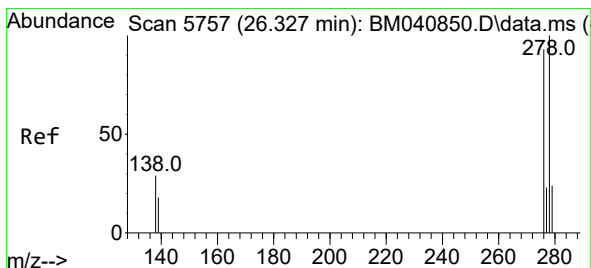
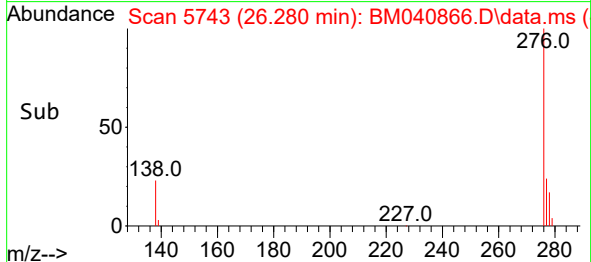
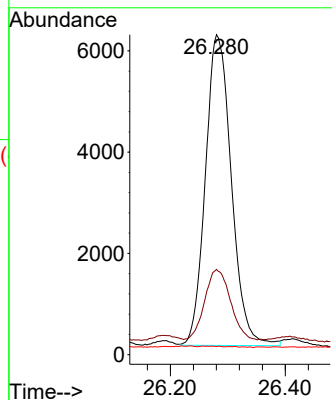
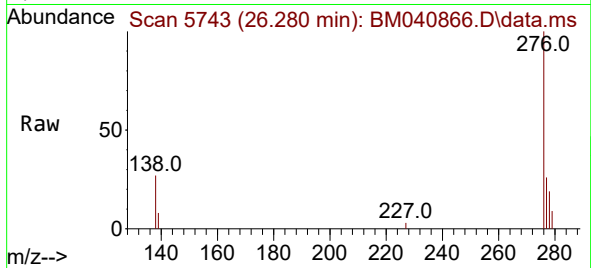




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.295 ng/ul
 RT: 26.280 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BM040866.D
 Acq: 14 Jul 2023 01:34

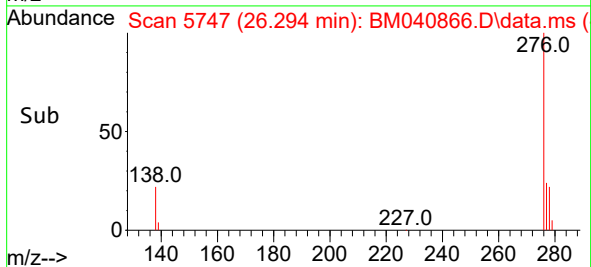
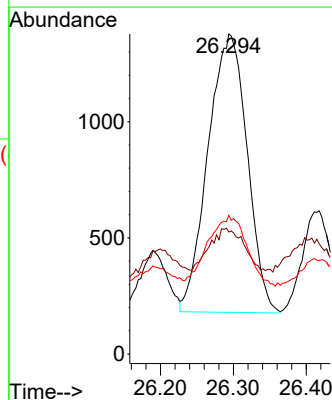
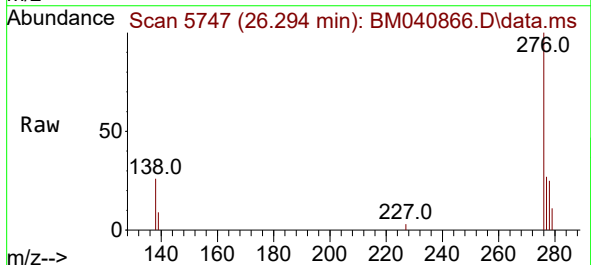
Instrument :
 BNA_M
 ClientSampleId :
 A46J7

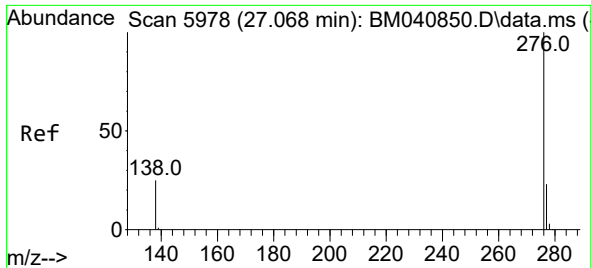
Tgt Ion:276 Resp: 19285
 Ion Ratio Lower Upper
 276 100
 138 23.6 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.087 ng/ul
 RT: 26.294 min Scan# 5747
 Delta R.T. -0.033 min
 Lab File: BM040866.D
 Acq: 14 Jul 2023 01:34

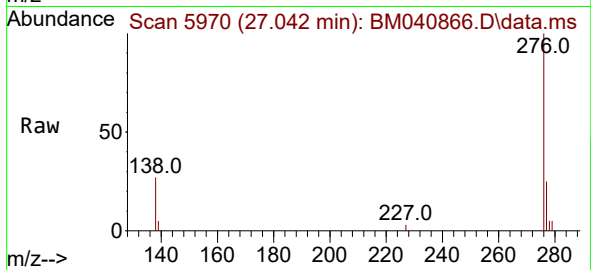
Tgt Ion:278 Resp: 4467
 Ion Ratio Lower Upper
 278 100
 139 38.1 17.9 26.9#
 279 43.3 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.042 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM040866.D
Acq: 14 Jul 2023 01:34

Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:276 Resp: 20238
Ion Ratio Lower Upper
276 100
138 27.0 23.0 34.6
277 25.1 20.3 30.5

