

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040896.D
 Acq On : 15 Jul 2023 01:51
 Operator : MA/JU
 Sample : 03437-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G8

Quant Time: Jul 15 04:01:12 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

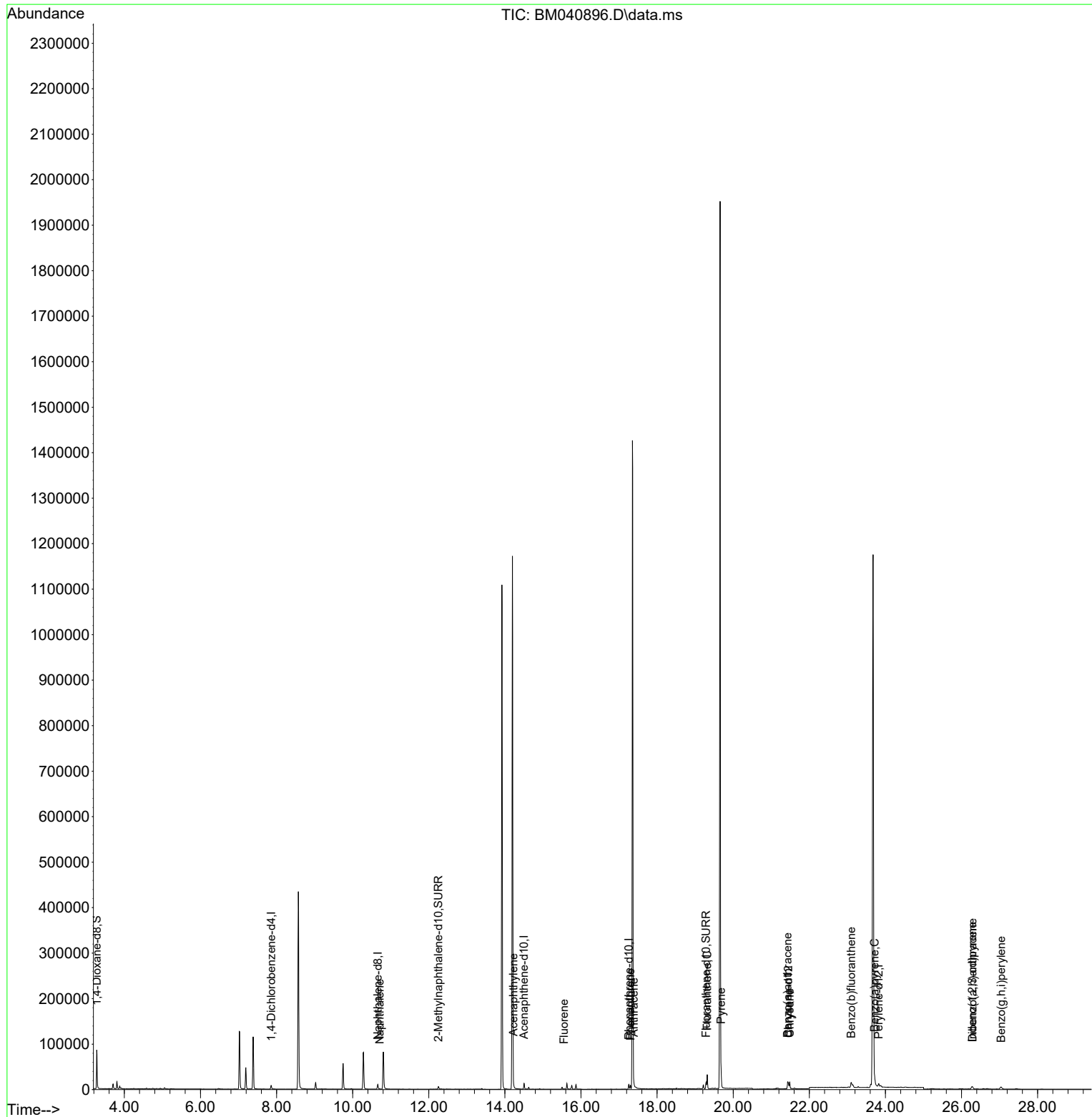
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	4053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	13527	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	6654	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	12135	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	9091	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	11051	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	45190	7.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	8741	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	14492	0.497	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	1127	0.030	ng/ul#	77
10) Acenaphthylene	14.227	152	2068	0.070	ng/ul#	84
12) Fluorene	15.554	166	635	0.024	ng/ul#	90
15) Phenanthrene	17.299	178	8375	0.222	ng/ul	98
16) Anthracene	17.388	178	2418	0.076	ng/ul#	86
19) Fluoranthene	19.320	202	25967	0.672	ng/ul	96
20) Pyrene	19.682	202	30353	0.733	ng/ul	98
21) Benzo(a)anthracene	21.431	228	11999	0.390	ng/ul#	93
22) Chrysene	21.483	228	15314	0.437	ng/ul#	95
24) Benzo(b)fluoranthene	23.102	252	19253	0.450	ng/ul	90
26) Benzo(a)pyrene	23.716	252	12928	0.336	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.280	276	10342	0.193	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.287	278	2289	0.054	ng/ul#	39
29) Benzo(g,h,i)perylene	27.038	276	11007	0.234	ng/ul	98

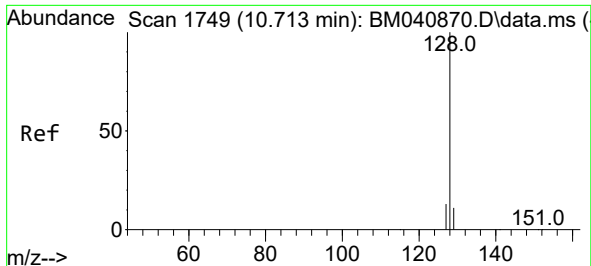
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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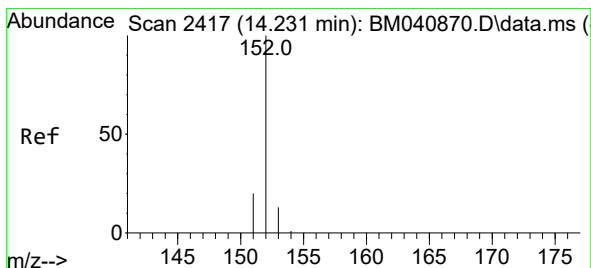
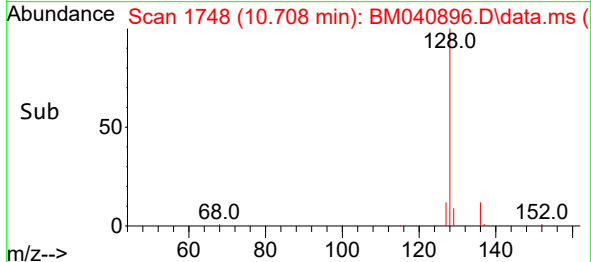
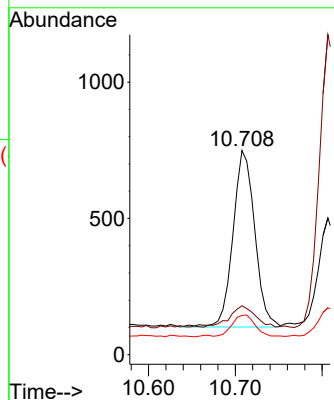
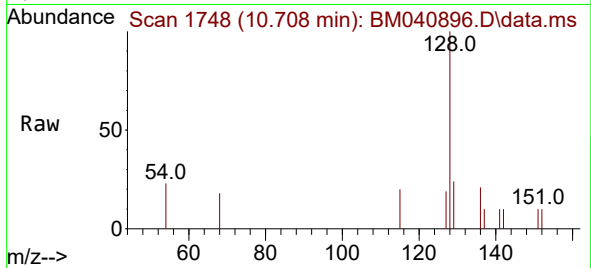




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

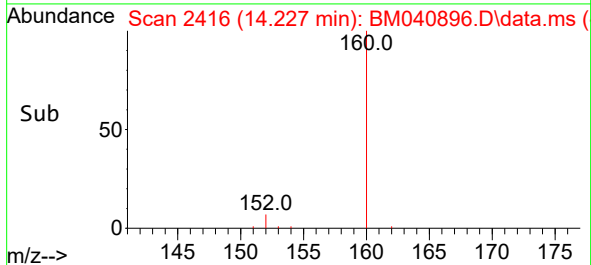
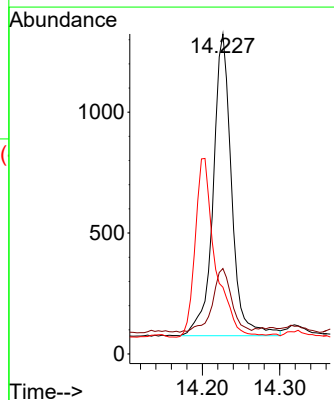
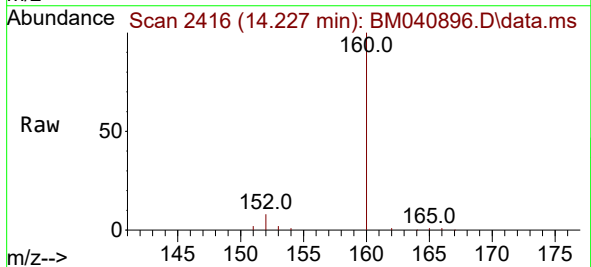
Instrument :
BNA_M
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A46G8

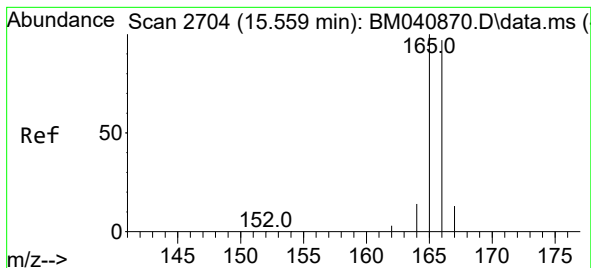
Tgt Ion:128 Resp: 1127
Ion Ratio Lower Upper
128 100
129 24.0 9.2 13.8#
127 19.2 10.6 15.8#



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

Tgt Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
151 26.7 16.2 24.2#
153 20.8 10.9 16.3#





#12

Fluorene

Concen: 0.024 ng/ul

RT: 15.554 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

Instrument :

BNA_M

ClientSampleId :

A46G8

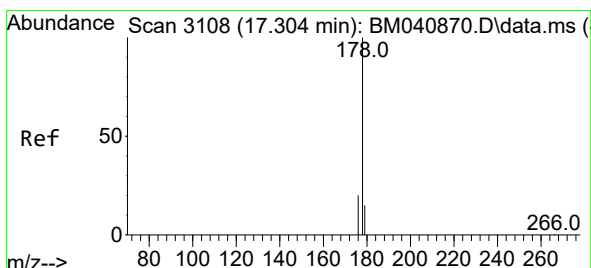
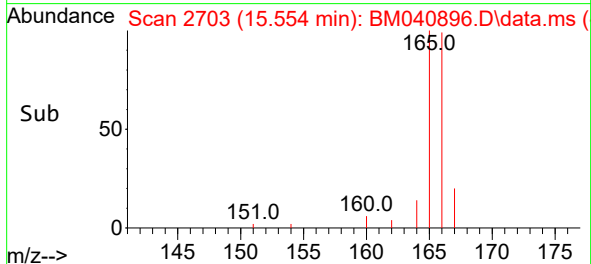
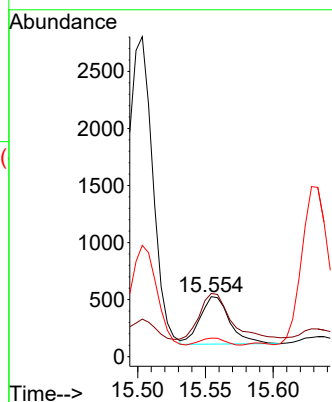
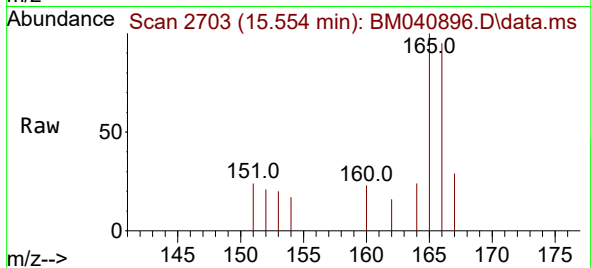
Tgt Ion:166 Resp: 635

Ion Ratio Lower Upper

166 100

165 105.3 79.6 119.4

167 31.0 11.4 17.0#



#15

Phenanthrene

Concen: 0.222 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.004 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

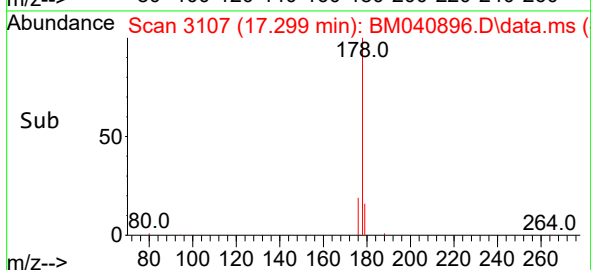
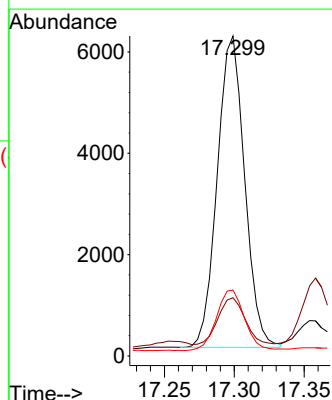
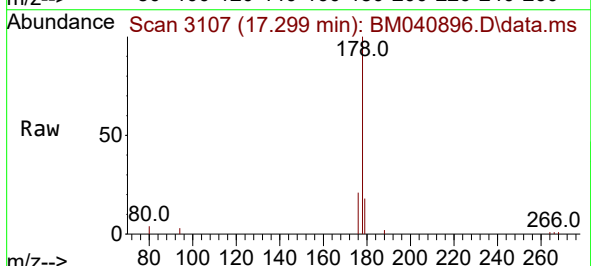
Tgt Ion:178 Resp: 8375

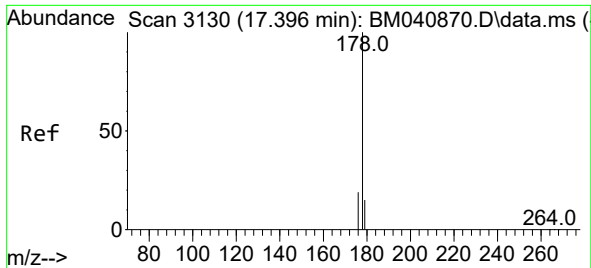
Ion Ratio Lower Upper

178 100

179 18.2 12.8 19.2

176 20.6 16.4 24.6

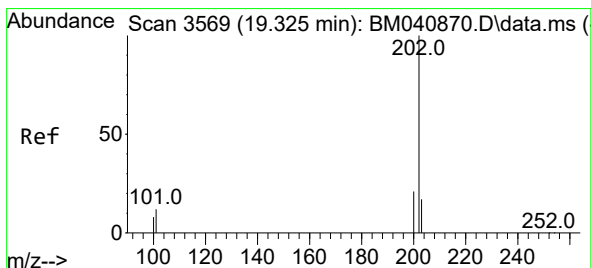
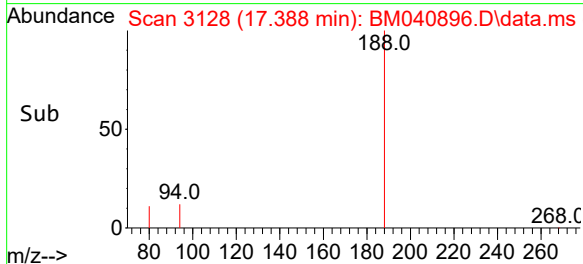
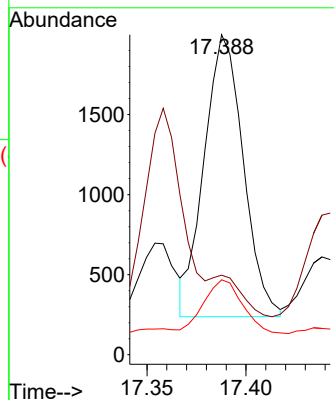
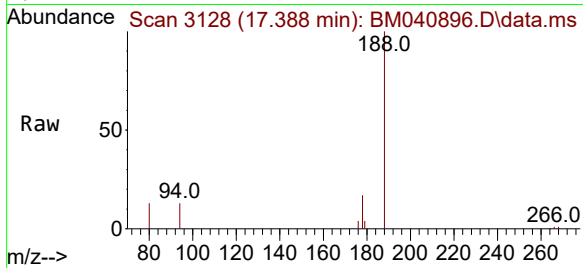




#16
 Anthracene
 Concen: 0.076 ng/ul
 RT: 17.388 min Scan# 3130
 Delta R.T. -0.008 min
 Lab File: BM040896.D
 Acq: 15 Jul 2023 01:51

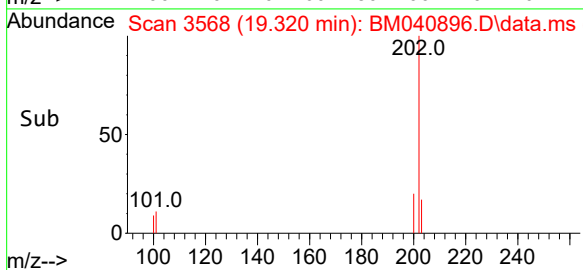
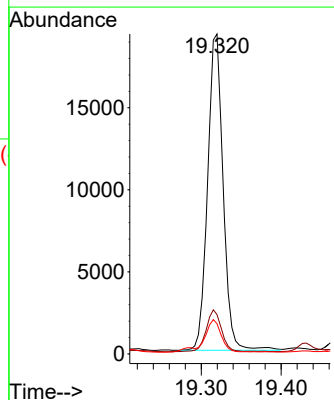
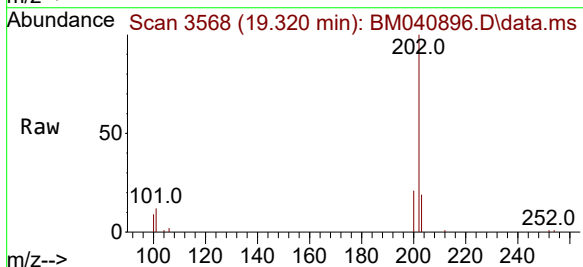
Instrument :
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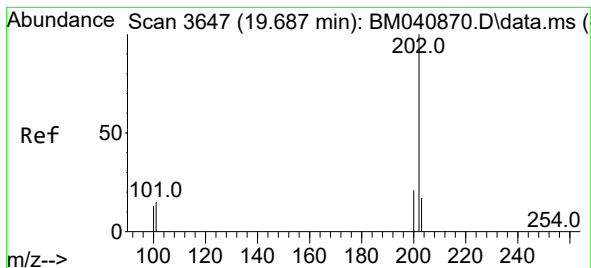
Tgt Ion:178 Resp: 2418
 Ion Ratio Lower Upper
 178 100
 179 24.9 12.9 19.3#
 176 23.4 15.8 23.6



#19
 Fluoranthene
 Concen: 0.672 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.005 min
 Lab File: BM040896.D
 Acq: 15 Jul 2023 01:51

Tgt Ion:202 Resp: 25967
 Ion Ratio Lower Upper
 202 100
 101 12.3 11.4 17.0
 100 9.4 8.7 13.1





#20

Pyrene

Concen: 0.733 ng/ul

RT: 19.682 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

Instrument :

BNA_M

ClientSampleId :

A46G8

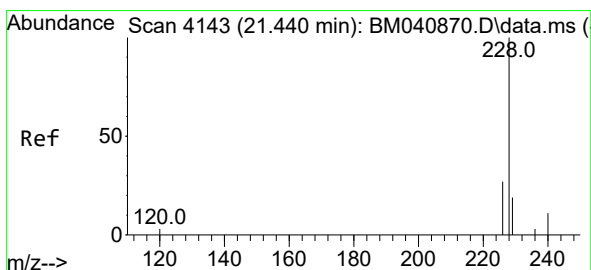
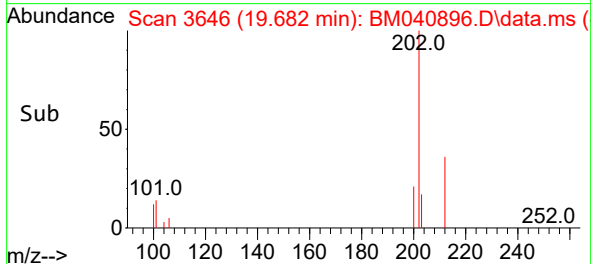
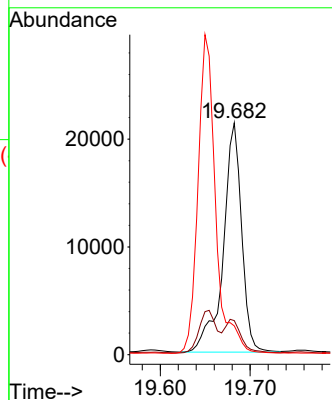
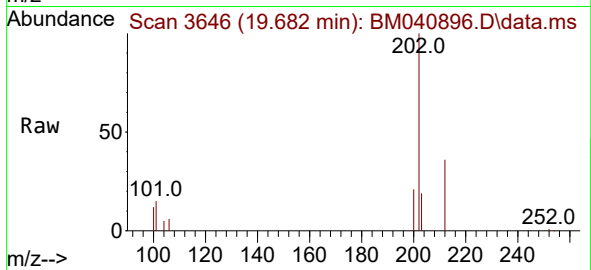
Tgt Ion:202 Resp: 30353

Ion Ratio Lower Upper

202 100

101 14.7 12.6 18.8

100 12.4 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.390 ng/ul

RT: 21.431 min Scan# 4140

Delta R.T. -0.003 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

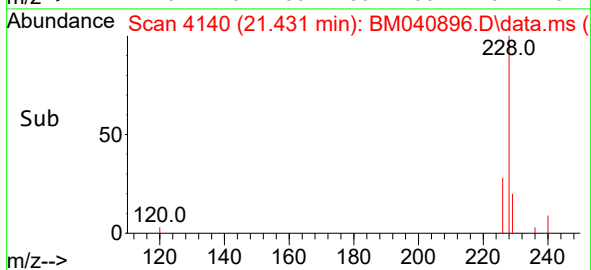
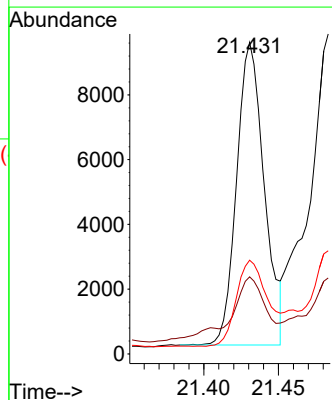
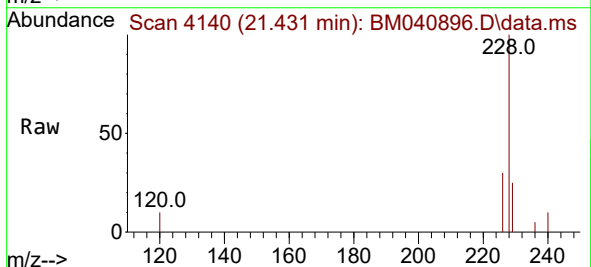
Tgt Ion:228 Resp: 11999

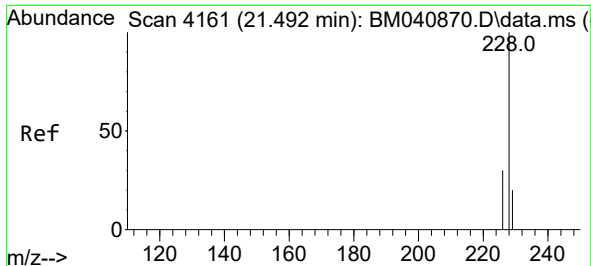
Ion Ratio Lower Upper

228 100

229 24.8 16.0 24.0#

226 30.1 22.3 33.5





#22

Chrysene

Concen: 0.437 ng/ul

RT: 21.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

Instrument :

BNA_M

ClientSampleId :

A46G8

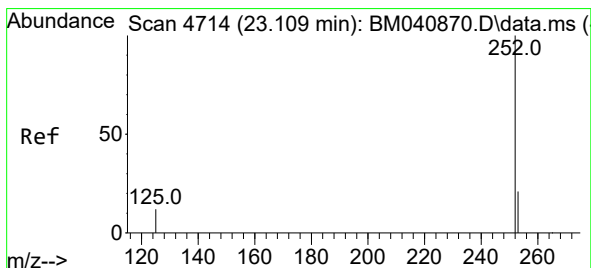
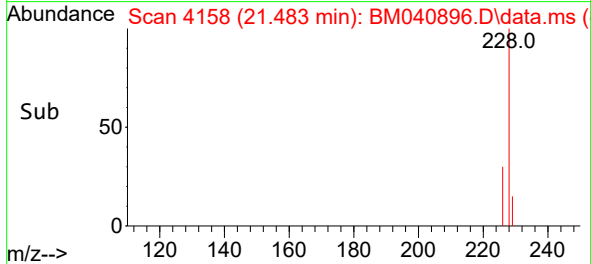
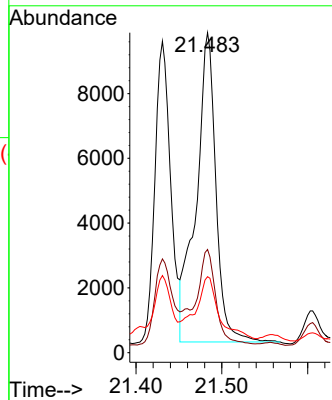
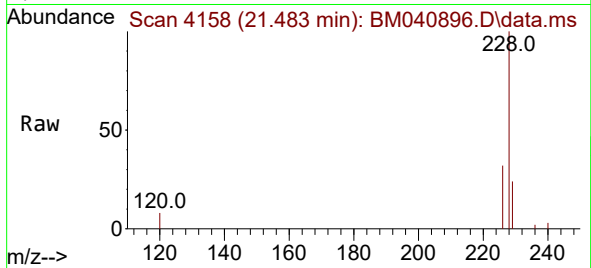
Tgt Ion:228 Resp: 15314

Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

229 23.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.450 ng/ul

RT: 23.102 min Scan# 4712

Delta R.T. 0.000 min

Lab File: BM040896.D

Acq: 15 Jul 2023 01:51

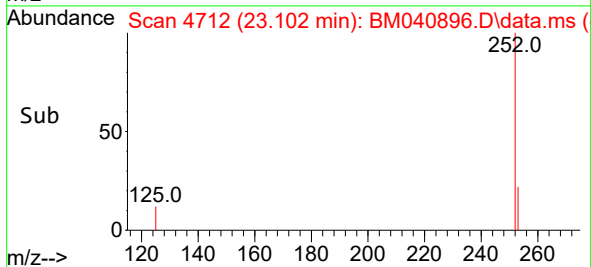
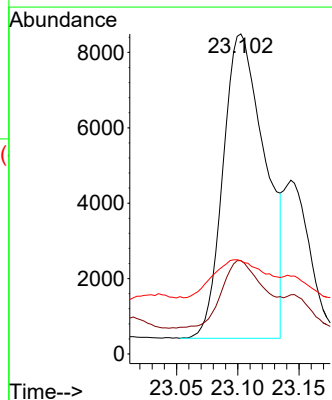
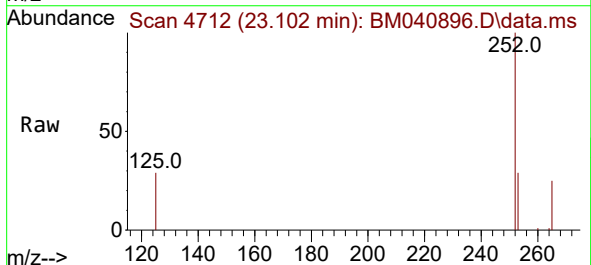
Tgt Ion:252 Resp: 19253

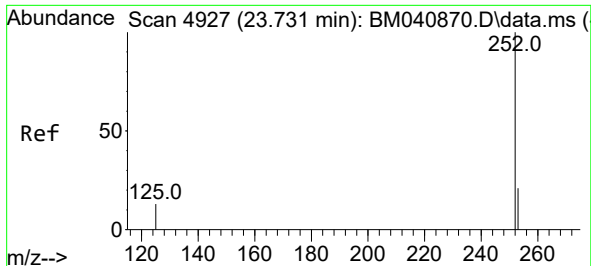
Ion Ratio Lower Upper

252 100

253 29.2 0.0 52.8

125 29.1 0.0 43.0

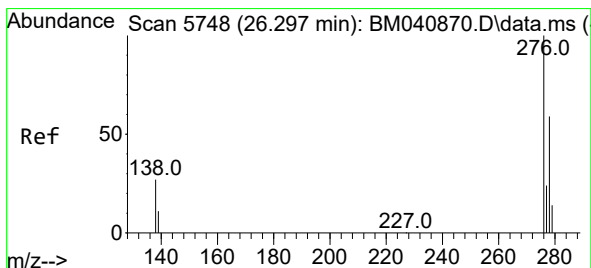
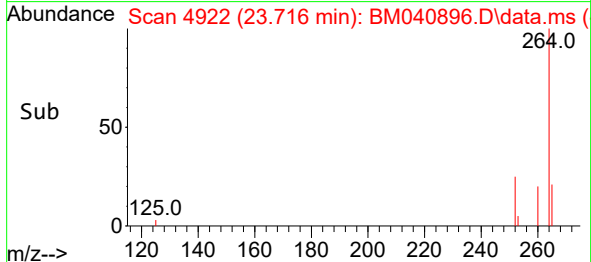
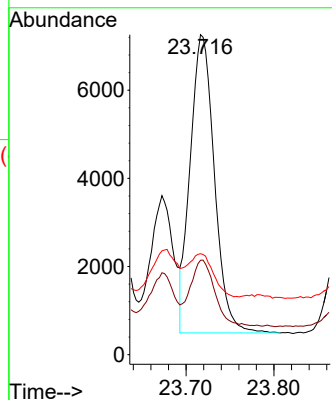
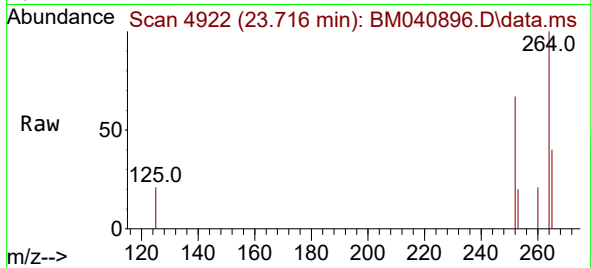




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.716 min Scan# 4922
Delta R.T. -0.006 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

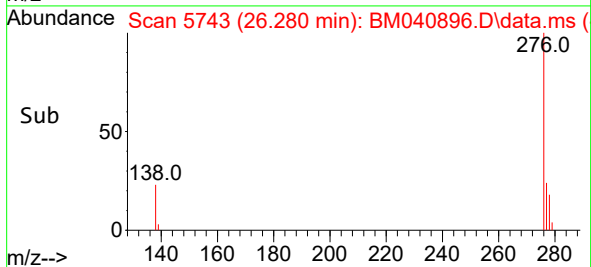
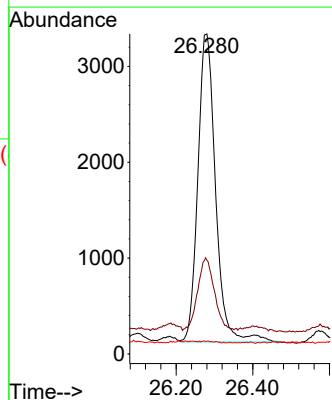
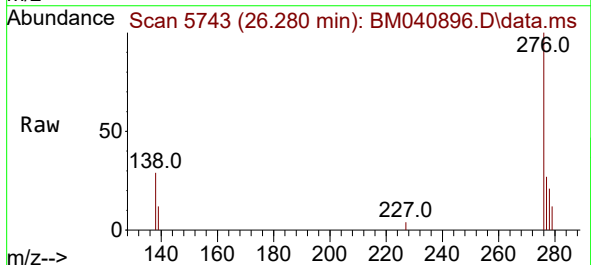
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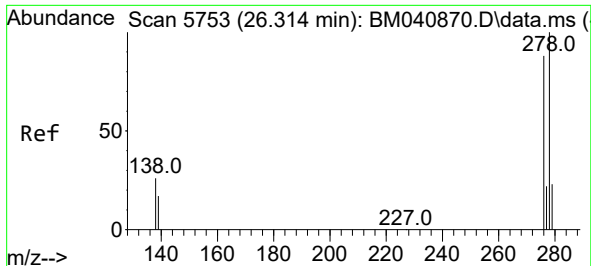
Tgt Ion:252 Resp: 12928
Ion Ratio Lower Upper
252 100
253 29.5 22.9 34.3
125 31.5 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

Tgt Ion:276 Resp: 10342
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.3 0.1 0.1#

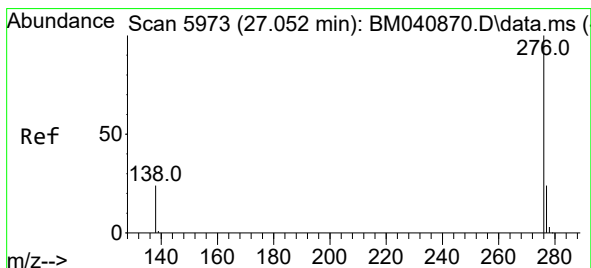
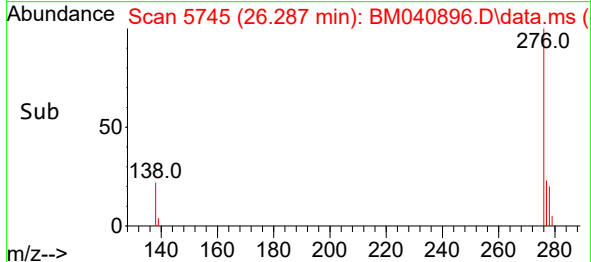
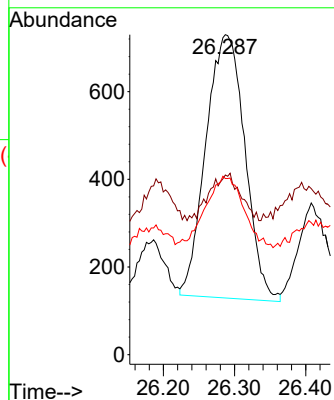
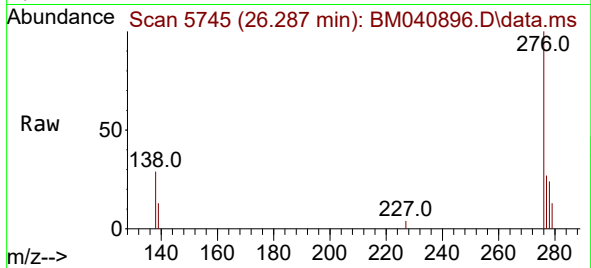




#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.287 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

Instrument :
BNA_M
ClientSampleId :
A46G8

Tgt Ion:278 Resp: 2289
Ion Ratio Lower Upper
278 100
139 56.2 17.9 26.9#
279 55.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.234 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040896.D
Acq: 15 Jul 2023 01:51

Tgt Ion:276 Resp: 11007
Ion Ratio Lower Upper
276 100
138 29.4 23.0 34.6
277 27.2 20.3 30.5

