

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040895.D
 Acq On : 15 Jul 2023 01:14
 Operator : MA/JU
 Sample : 03437-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G7

Quant Time: Jul 15 04:01:04 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)

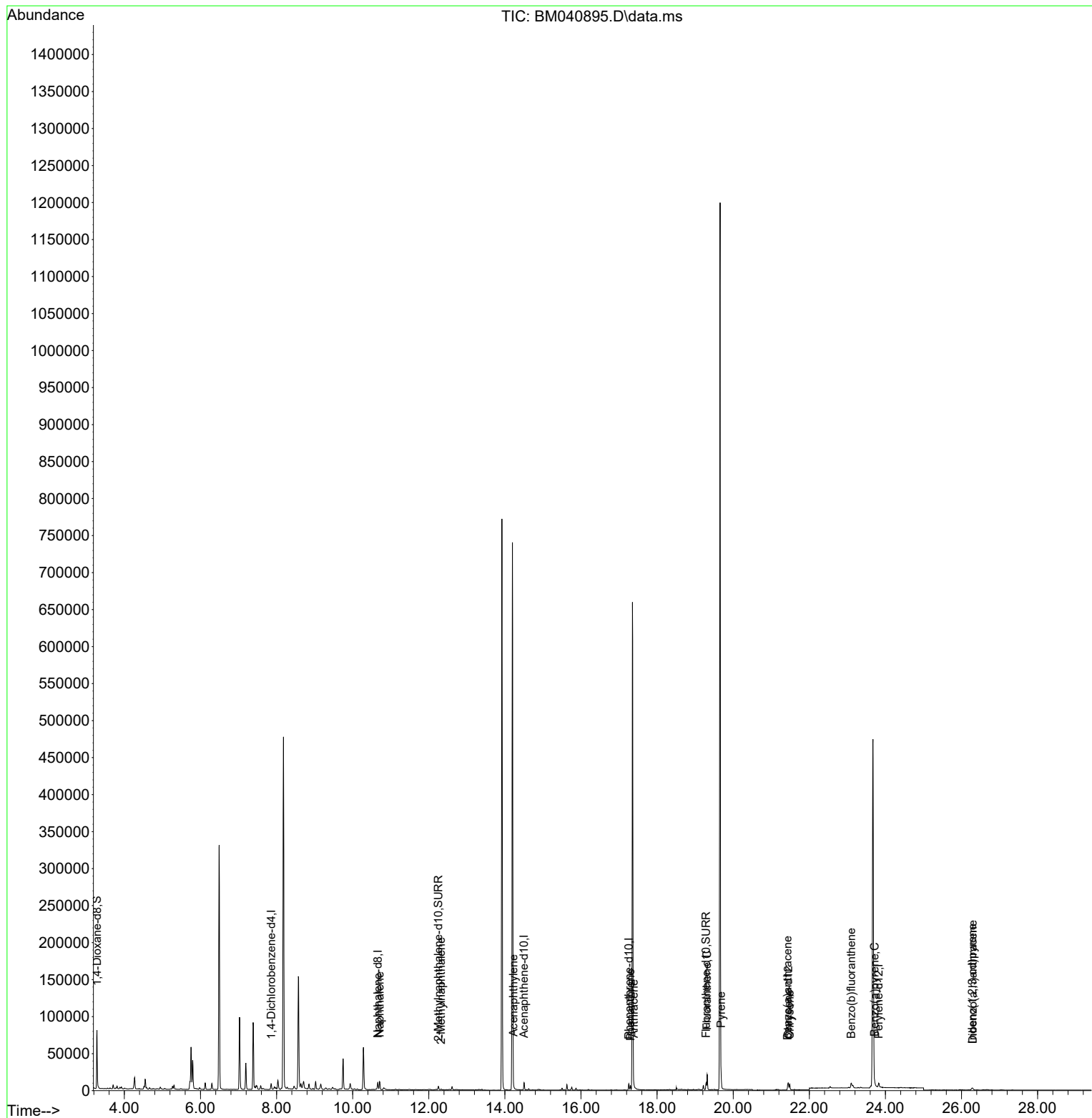
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12215	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9767	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7408	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	8388	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	42193	7.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6373	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	9522	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	14294	0.424	ng/ul	98
7) 2-Methylnaphthalene	12.324	142	722	0.036	ng/ul	94
10) Acenaphthylene	14.227	152	591	0.025	ng/ul#	41
15) Phenanthrene	17.299	178	6007	0.198	ng/ul	98
16) Anthracene	17.388	178	742	0.029	ng/ul#	68
19) Fluoranthene	19.315	202	16892	0.537	ng/ul	100
20) Pyrene	19.682	202	15165	0.450	ng/ul	98
21) Benzo(a)anthracene	21.431	228	5322	0.212	ng/ul	96
22) Chrysene	21.483	228	8214	0.287	ng/ul	97
24) Benzo(b)fluoranthene	23.102	252	11195	0.345	ng/ul	90
26) Benzo(a)pyrene	23.716	252	3255	0.111	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.280	276	5150	0.126	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.297	278	1223	0.038	ng/ul#	31

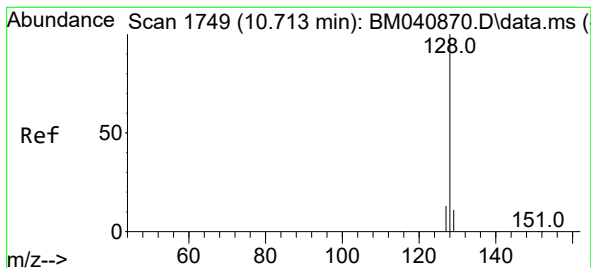
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.424 ng/ul

RT: 10.708 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

Instrument :

BNA_M

ClientSampleId :

A46G7

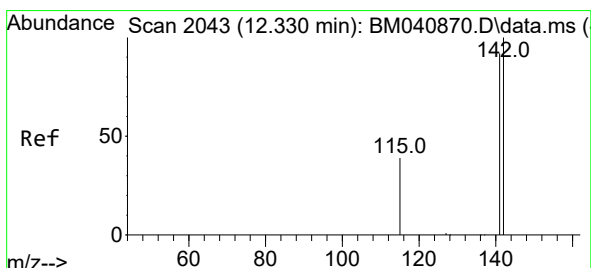
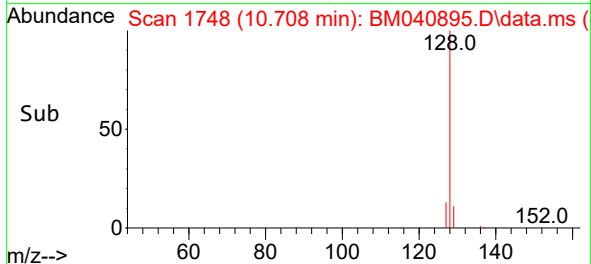
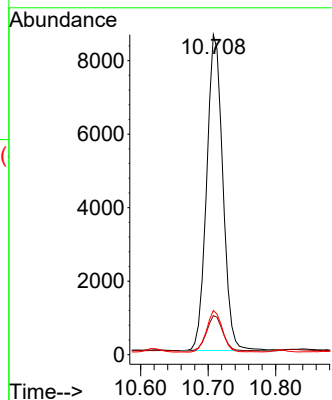
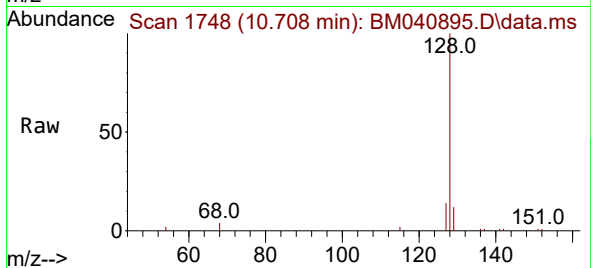
Tgt Ion:128 Resp: 14294

Ion Ratio Lower Upper

128 100

129 12.2 9.2 13.8

127 13.8 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.324 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BM040895.D

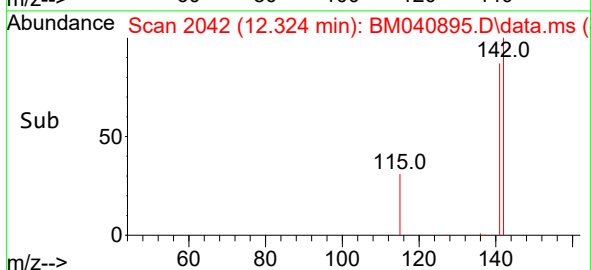
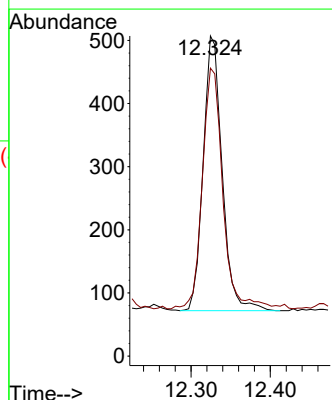
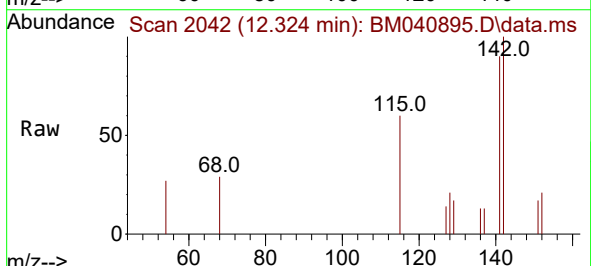
Acq: 15 Jul 2023 01:14

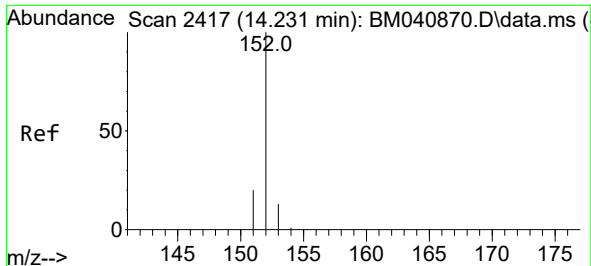
Tgt Ion:142 Resp: 722

Ion Ratio Lower Upper

142 100

141 95.3 71.9 107.9

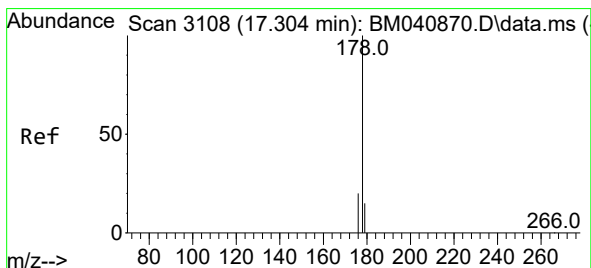
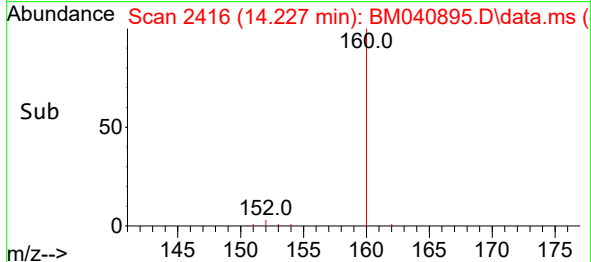
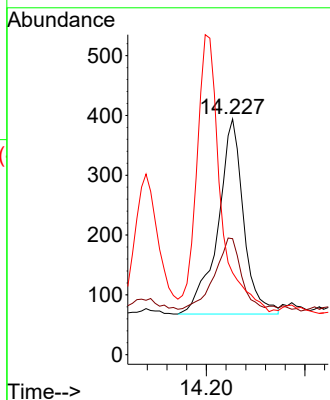
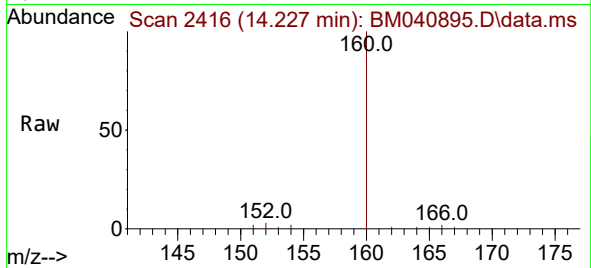




#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.227 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

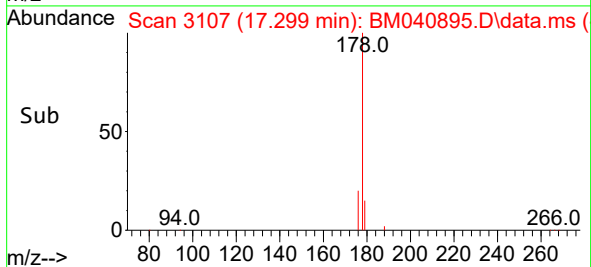
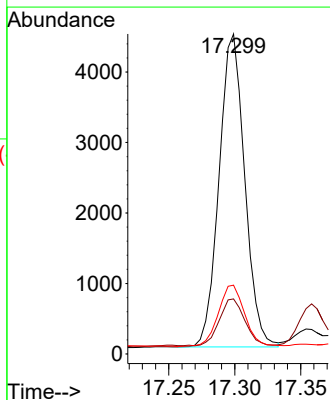
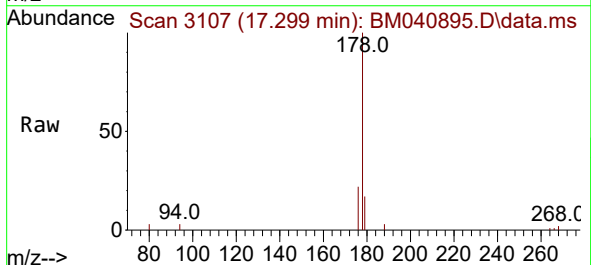
Instrument :
BNA_M
ClientSampleId :
A46G7

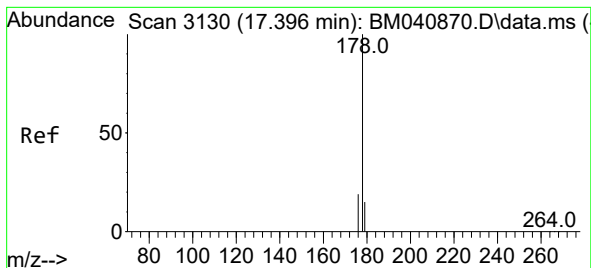
Tgt Ion:152 Resp: 591
Ion Ratio Lower Upper
152 100
151 49.2 16.2 24.2#
153 34.8 10.9 16.3#



#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

Tgt Ion:178 Resp: 6007
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.5 16.4 24.6





#16

Anthracene

Concen: 0.029 ng/ul

RT: 17.388 min Scan# 31

Delta R.T. -0.008 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

Instrument :

BNA_M

ClientSampleId :

A46G7

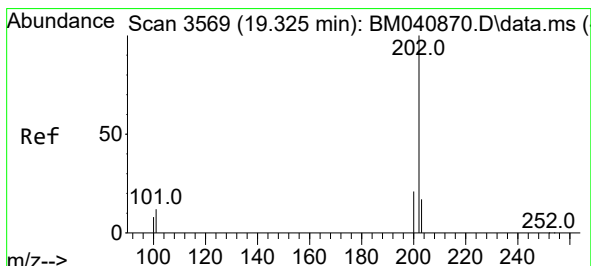
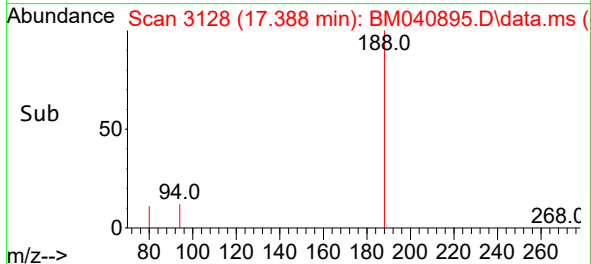
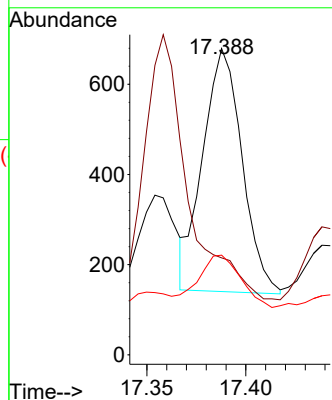
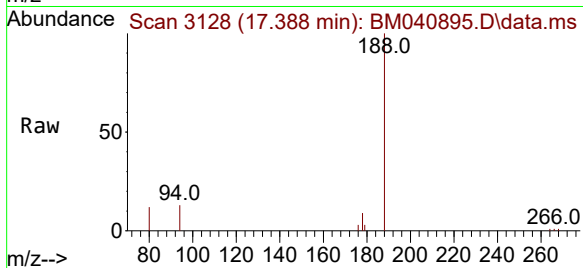
Tgt Ion:178 Resp: 742

Ion Ratio Lower Upper

178 100

179 31.7 12.9 19.3#

176 32.5 15.8 23.6#



#19

Fluoranthene

Concen: 0.537 ng/ul

RT: 19.315 min Scan# 3567

Delta R.T. -0.009 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

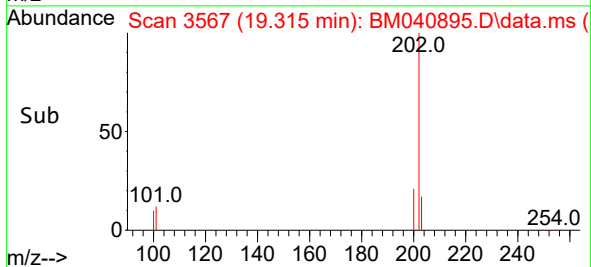
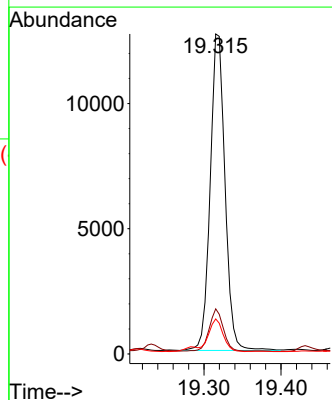
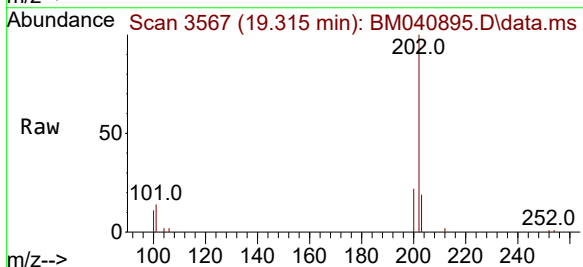
Tgt Ion:202 Resp: 16892

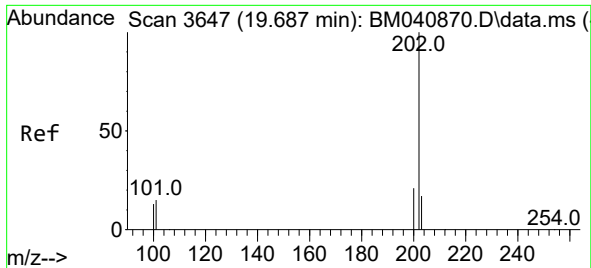
Ion Ratio Lower Upper

202 100

101 14.1 11.4 17.0

100 11.0 8.7 13.1

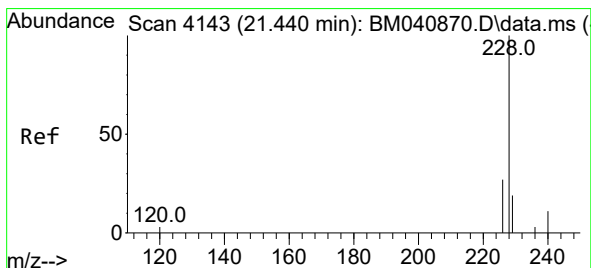
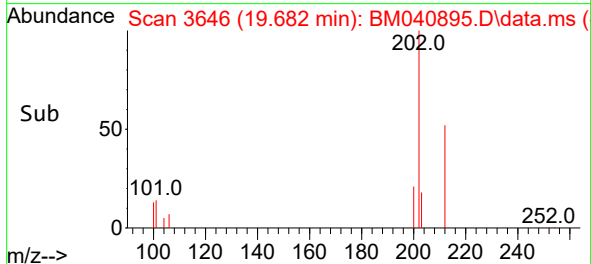
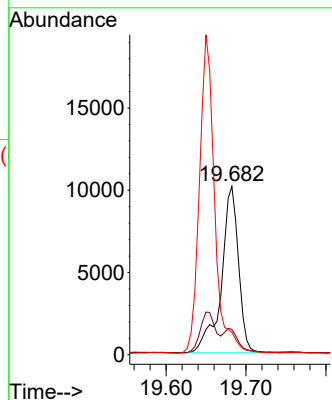
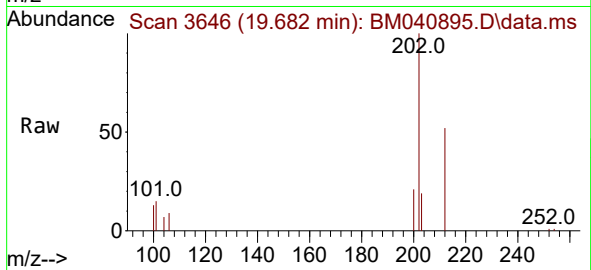




#20
 Pyrene
 Concen: 0.450 ng/ul
 RT: 19.682 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BM040895.D
 Acq: 15 Jul 2023 01:14

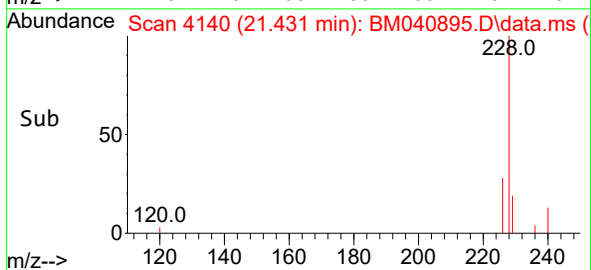
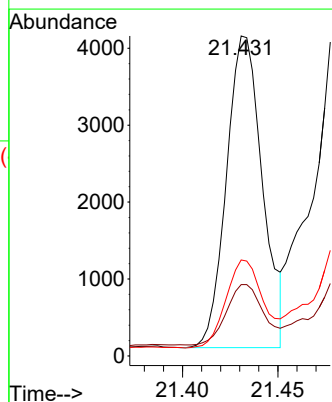
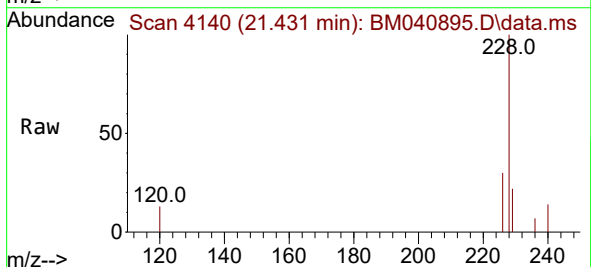
Instrument :
 BNA_M
 ClientSampleId :
 A46G7

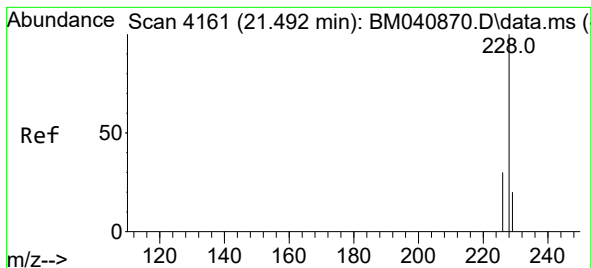
Tgt Ion:202 Resp: 15165
 Ion Ratio Lower Upper
 202 100
 101 15.0 12.6 18.8
 100 13.5 9.8 14.6



#21
 Benzo(a)anthracene
 Concen: 0.212 ng/ul
 RT: 21.431 min Scan# 4140
 Delta R.T. -0.003 min
 Lab File: BM040895.D
 Acq: 15 Jul 2023 01:14

Tgt Ion:228 Resp: 5322
 Ion Ratio Lower Upper
 228 100
 229 22.3 16.0 24.0
 226 30.0 22.3 33.5





#22

Chrysene

Concen: 0.287 ng/ul

RT: 21.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

Instrument :

BNA_M

ClientSampleId :

A46G7

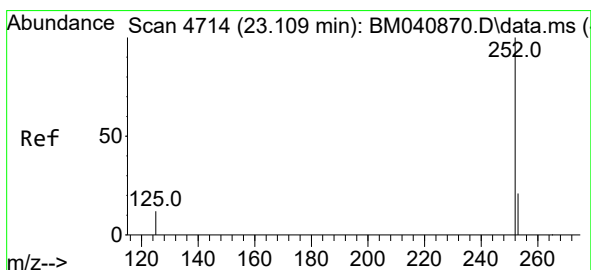
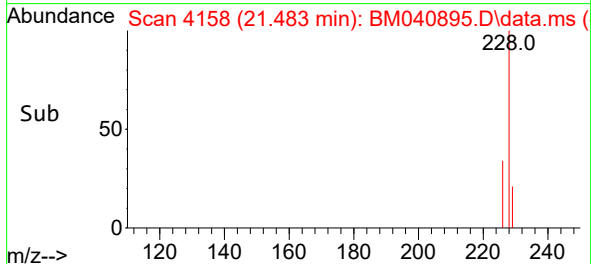
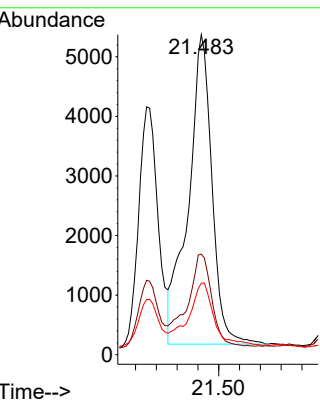
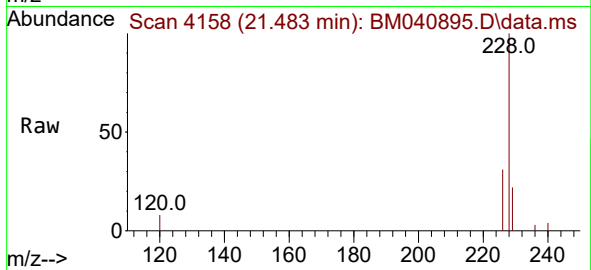
Tgt Ion:228 Resp: 8214

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 22.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.345 ng/ul

RT: 23.102 min Scan# 4712

Delta R.T. 0.000 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

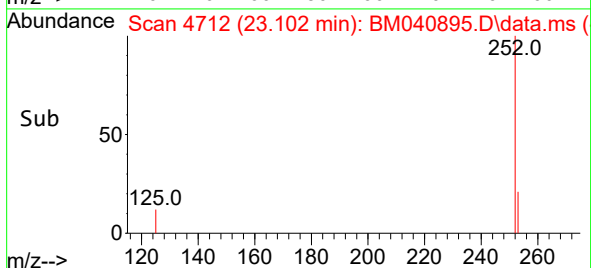
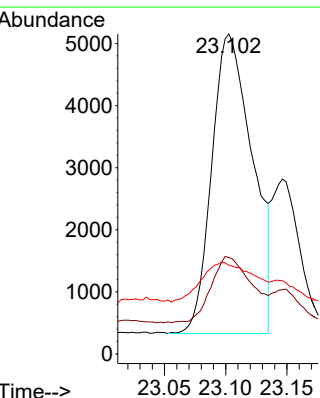
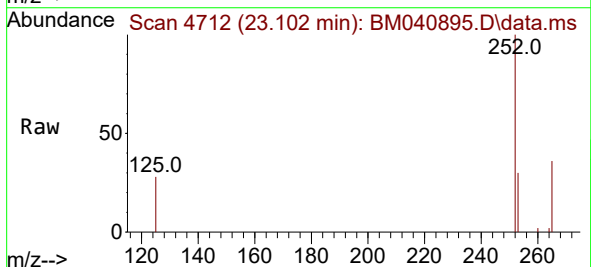
Tgt Ion:252 Resp: 11195

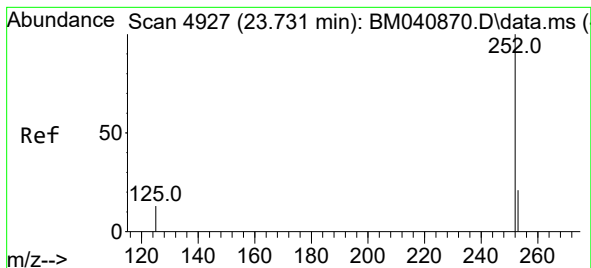
Ion Ratio Lower Upper

252 100

253 30.1 0.0 52.8

125 27.7 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.111 ng/ul

RT: 23.716 min Scan# 4922

Delta R.T. -0.006 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

Instrument :

BNA_M

ClientSampleId :

A46G7

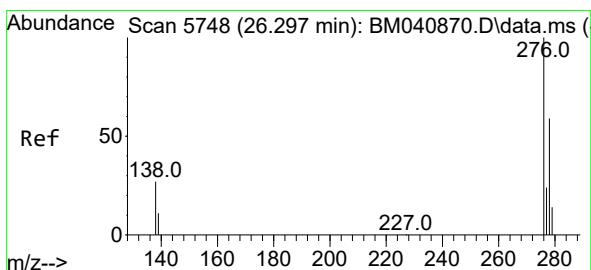
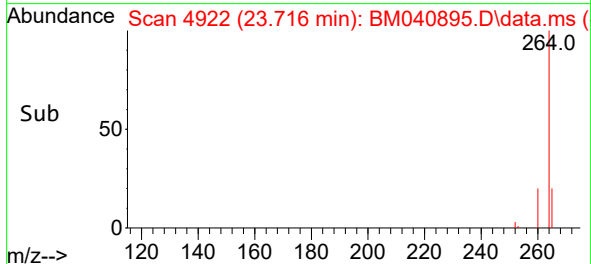
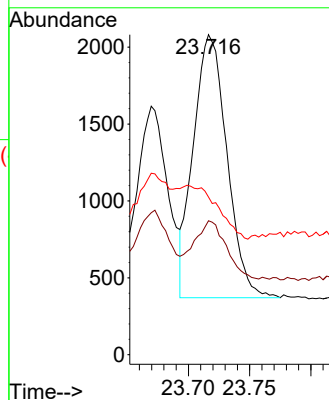
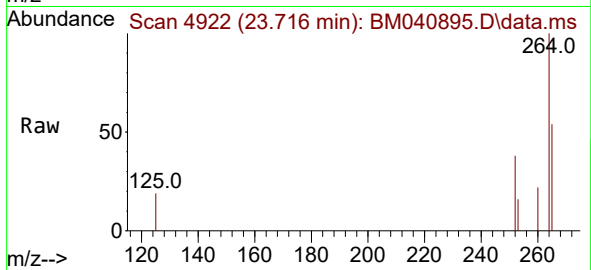
Tgt Ion:252 Resp: 3255

Ion Ratio Lower Upper

252 100

253 41.9 22.9 34.3#

125 49.3 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.126 ng/ul

RT: 26.280 min Scan# 5743

Delta R.T. -0.010 min

Lab File: BM040895.D

Acq: 15 Jul 2023 01:14

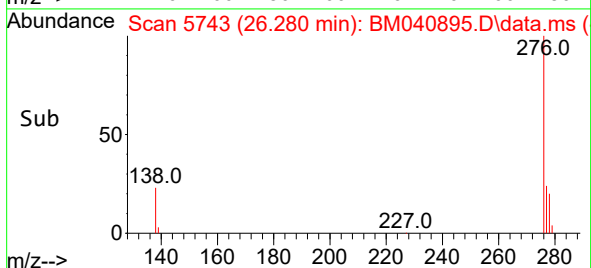
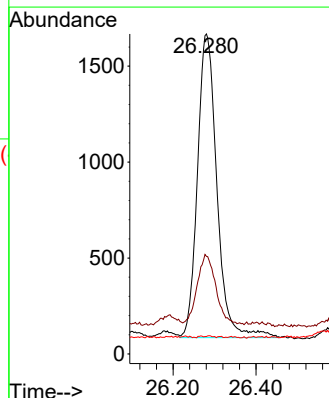
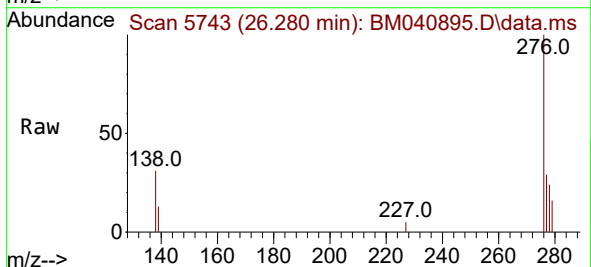
Tgt Ion:276 Resp: 5150

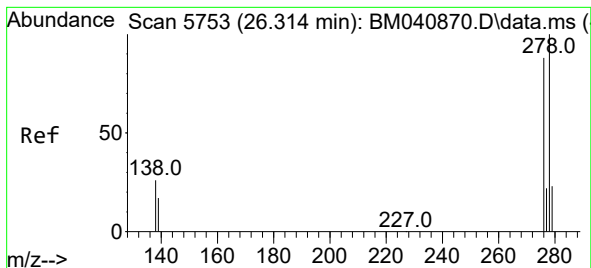
Ion Ratio Lower Upper

276 100

138 22.2 24.5 36.7#

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.038 ng/ul

RT: 26.297 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040895.D

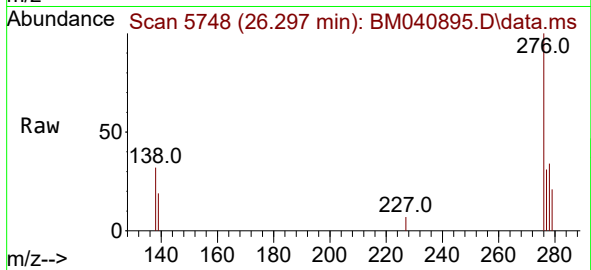
Acq: 15 Jul 2023 01:14

Instrument :

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ClientSampleId :

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Tgt Ion:278 Resp: 1223

Ion Ratio Lower Upper

278 100

139 55.3 17.9 26.9#

279 63.9 22.0 33.0#

