

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040891.D
 Acq On : 14 Jul 2023 22:41
 Operator : MA/JU
 Sample : 03437-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K7

Quant Time: Jul 15 04:00:26 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)

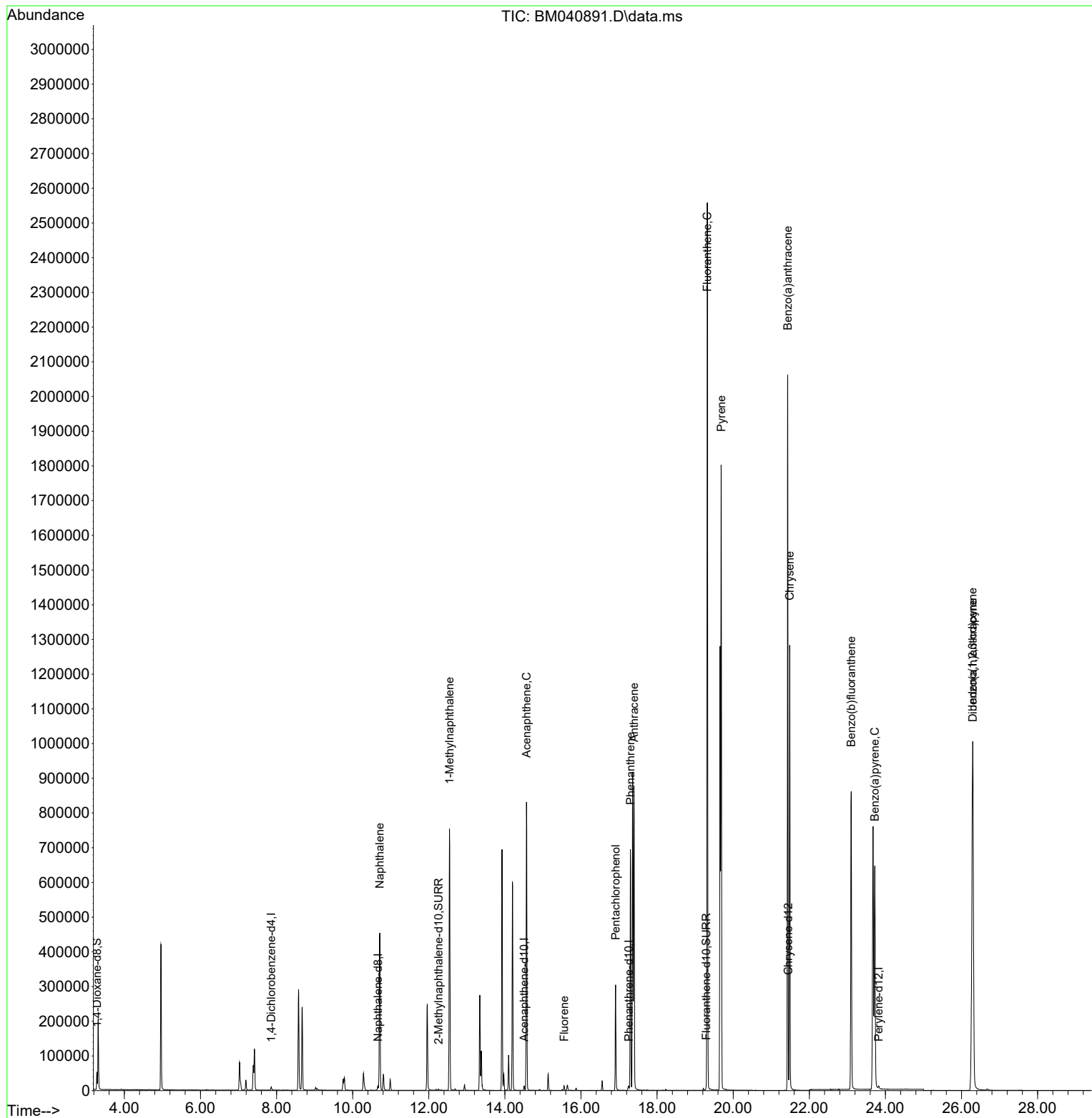
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	16099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6747	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	12084	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	9892	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	9882	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	26117	3.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	4974	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9636	0.304	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.713	128	595743	13.416	ng/ul	99
8) 1-Methylnaphthalene	12.544	142	482551	18.515	ng/ul	100
11) Acenaphthene	14.569	153	448215	17.609	ng/ul	98
12) Fluorene	15.559	166	6452	0.237	ng/ul#	97
14) Pentachlorophenol	16.911	266	169908	73.024	ng/ul	93
15) Phenanthrene	17.299	178	662102	17.639	ng/ul	99
16) Anthracene	17.392	178	828570	26.268	ng/ul	99
19) Fluoranthene	19.320	202	1972219	46.936	ng/ul	95
20) Pyrene	19.687	202	1353876	30.054	ng/ul	94
21) Benzo(a)anthracene	21.433	228	1557631	46.552	ng/ul	99
22) Chrysene	21.483	228	955033	25.022	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	1012354	26.471	ng/ul	85
26) Benzo(a)pyrene	23.722	252	884441	25.674	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.290	276	1266310	26.395	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.300	278	802587	21.366	ng/ul#	91

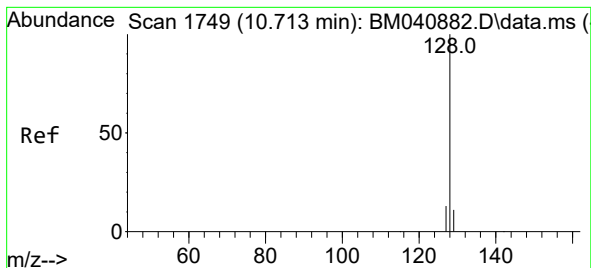
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 13.416 ng/ul

RT: 10.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

Instrument :

BNA_M

ClientSampleId :

A46K7

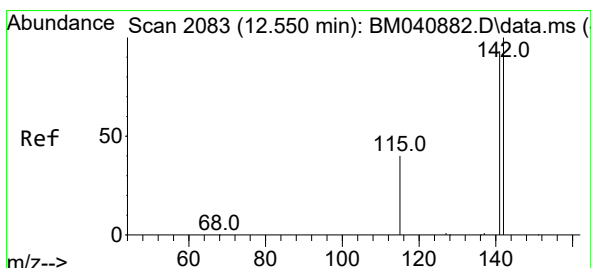
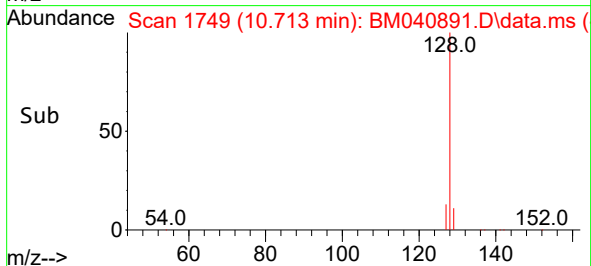
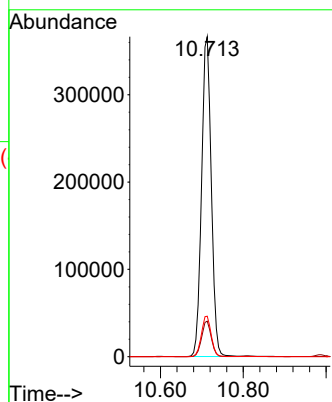
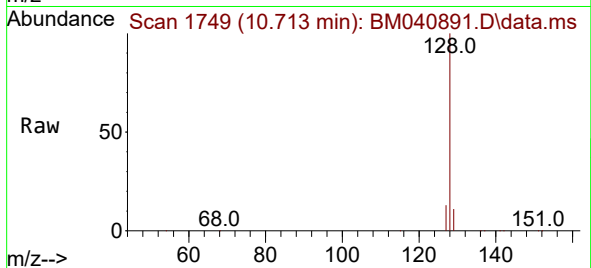
Tgt Ion:128 Resp: 595743

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 12.6 10.6 15.8



#8

1-Methylnaphthalene

Concen: 18.515 ng/ul

RT: 12.544 min Scan# 2082

Delta R.T. -0.006 min

Lab File: BM040891.D

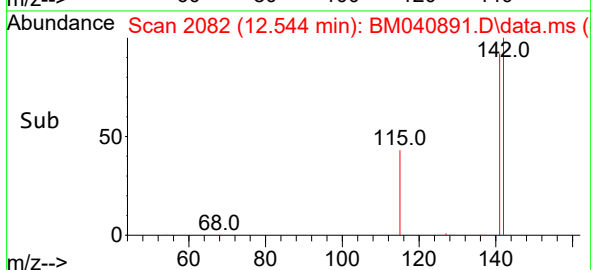
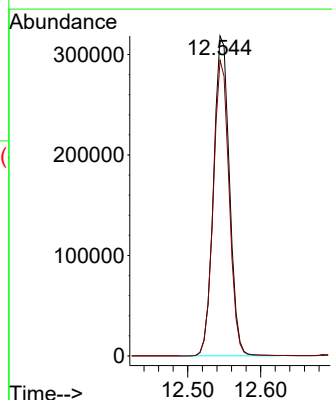
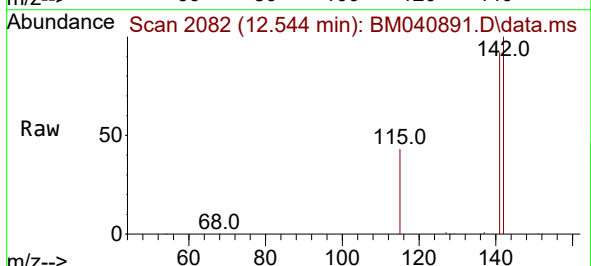
Acq: 14 Jul 2023 22:41

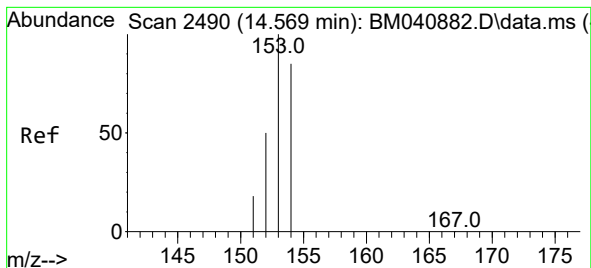
Tgt Ion:142 Resp: 482551

Ion Ratio Lower Upper

142 100

141 92.4 73.7 110.5





#11

Acenaphthene

Concen: 17.609 ng/ul

RT: 14.569 min Scan# 2490

Delta R.T. -0.000 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

Instrument :

BNA_M

ClientSampleId :

A46K7

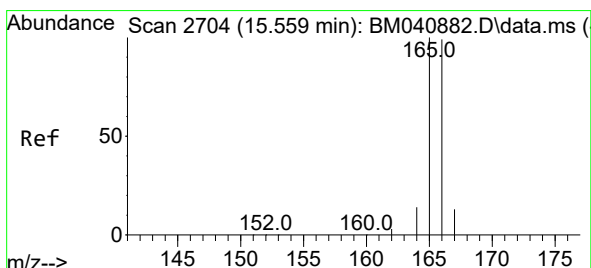
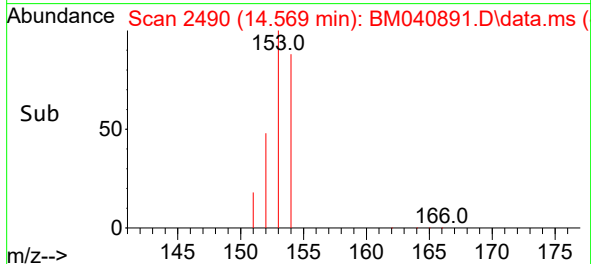
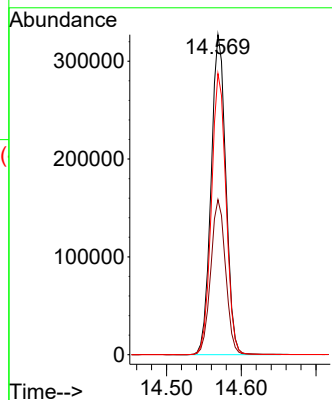
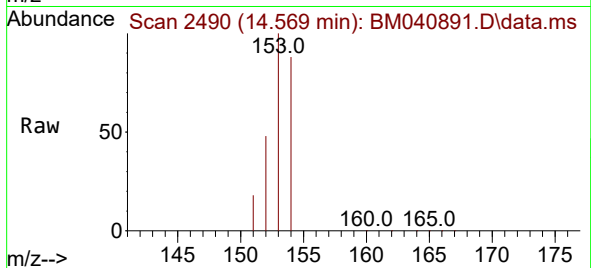
Tgt Ion:153 Resp: 448215

Ion Ratio Lower Upper

153 100

152 48.5 41.0 61.4

154 87.8 70.8 106.2



#12

Fluorene

Concen: 0.237 ng/ul

RT: 15.559 min Scan# 2704

Delta R.T. -0.000 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

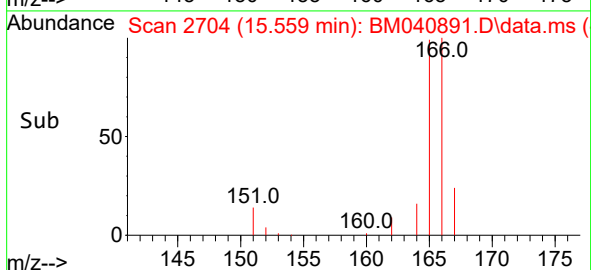
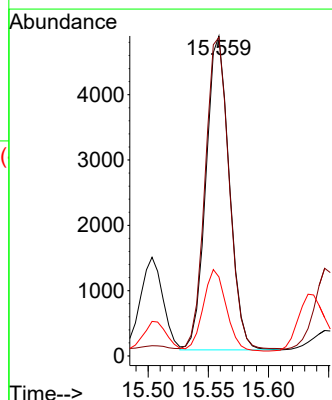
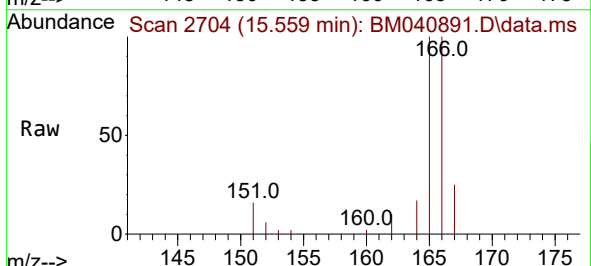
Tgt Ion:166 Resp: 6452

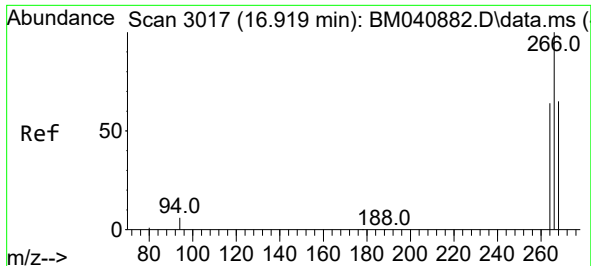
Ion Ratio Lower Upper

166 100

165 99.6 79.6 119.4

167 24.7 11.4 17.0#

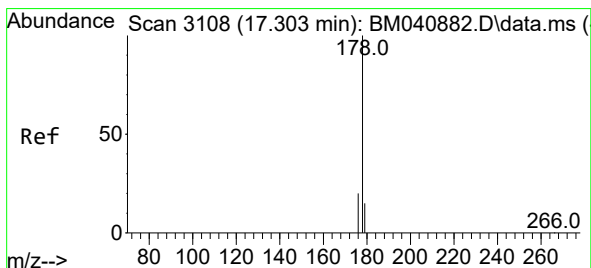
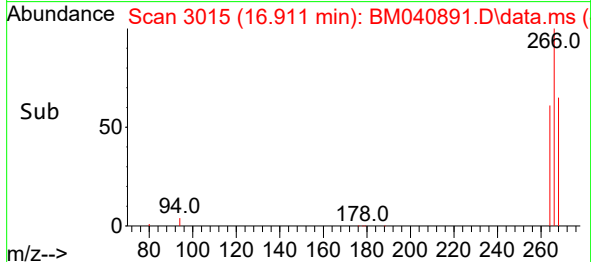
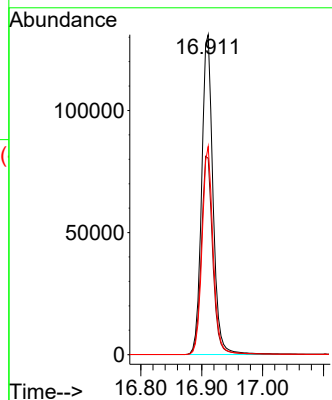
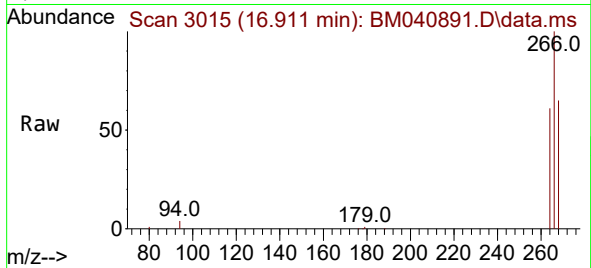




#14
 Pentachlorophenol
 Concen: 73.024 ng/ul
 RT: 16.911 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BM040891.D
 Acq: 14 Jul 2023 22:41

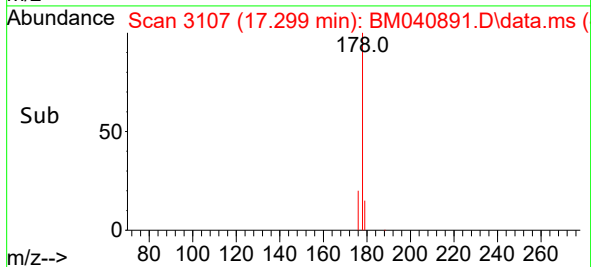
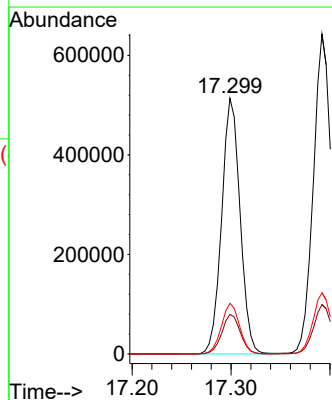
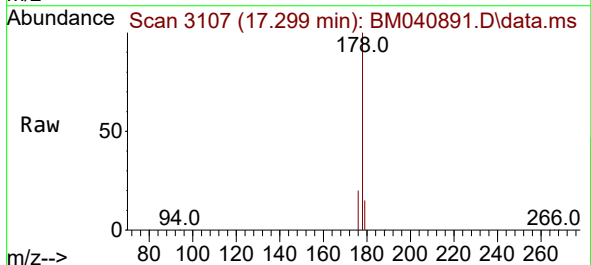
Instrument :
 BNA_M
 ClientSampleId :
 A46K7

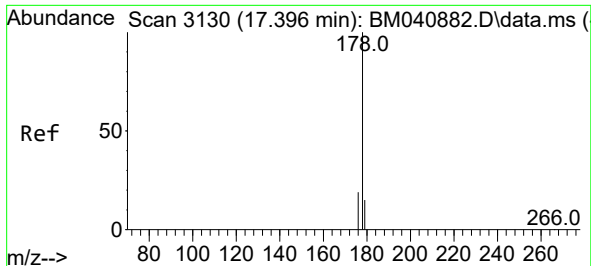
Tgt Ion:266 Resp: 169908
 Ion Ratio Lower Upper
 266 100
 264 62.7 45.4 68.0
 268 63.9 47.2 70.8



#15
 Phenanthrene
 Concen: 17.639 ng/ul
 RT: 17.299 min Scan# 3107
 Delta R.T. -0.004 min
 Lab File: BM040891.D
 Acq: 14 Jul 2023 22:41

Tgt Ion:178 Resp: 662102
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.8 19.2
 176 19.8 16.4 24.6

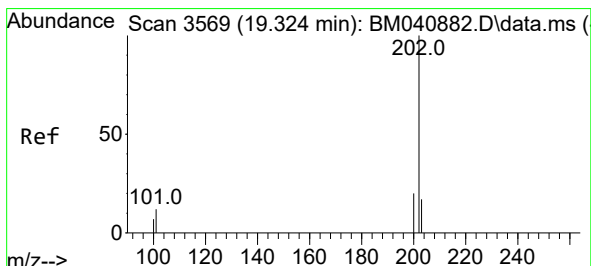
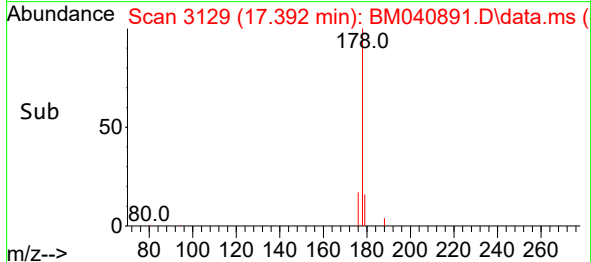
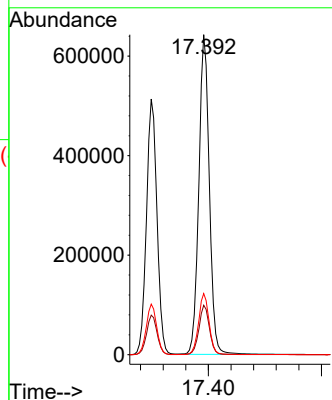
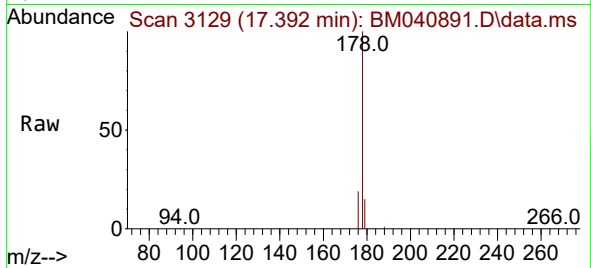




#16
 Anthracene
 Concen: 26.268 ng/ul
 RT: 17.392 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BM040891.D
 Acq: 14 Jul 2023 22:41

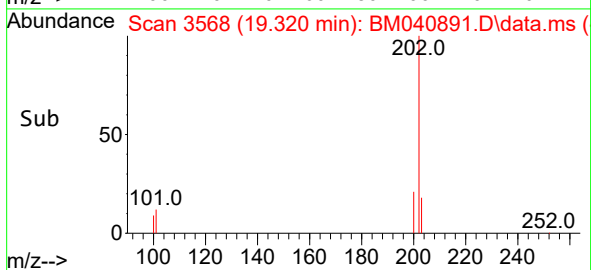
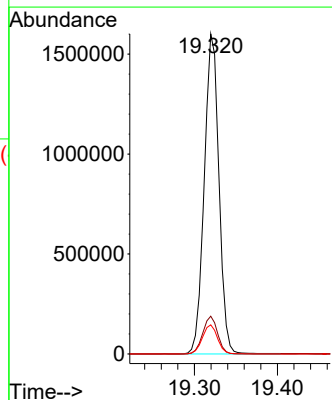
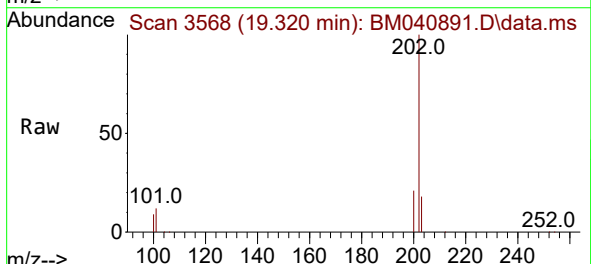
Instrument :
 BNA_M
 ClientSampleId :
 A46K7

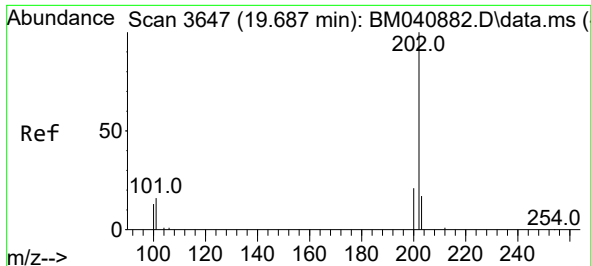
Tgt Ion:178 Resp: 828570
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 19.1 15.8 23.6



#19
 Fluoranthene
 Concen: 46.936 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.005 min
 Lab File: BM040891.D
 Acq: 14 Jul 2023 22:41

Tgt Ion:202 Resp: 1972219
 Ion Ratio Lower Upper
 202 100
 101 11.8 11.4 17.0
 100 9.1 8.7 13.1

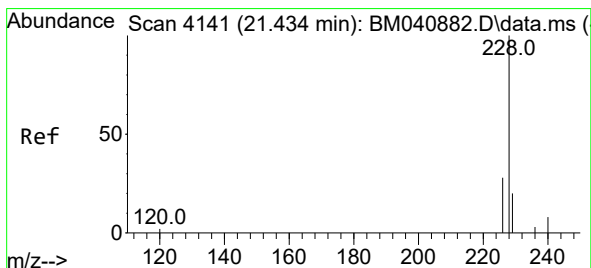
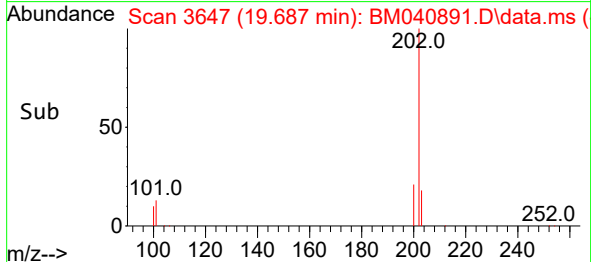
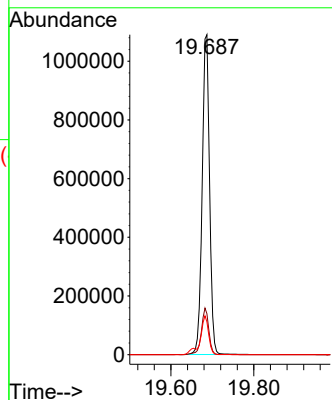
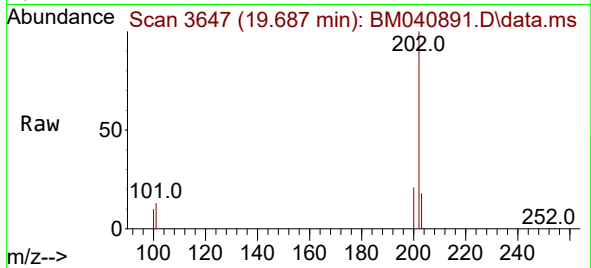




#20
Pyrene
Concen: 30.054 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM040891.D
Acq: 14 Jul 2023 22:41

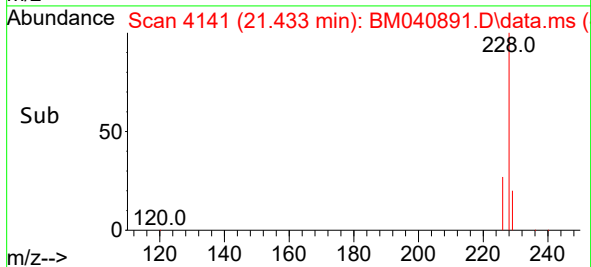
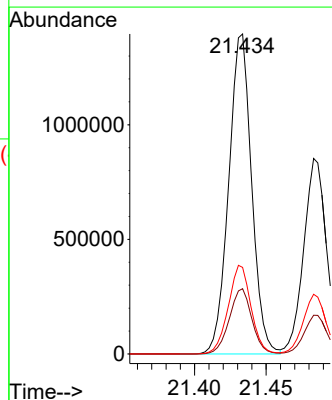
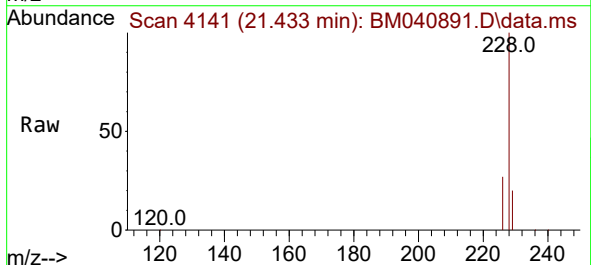
Instrument :
BNA_M
ClientSampleId :
A46K7

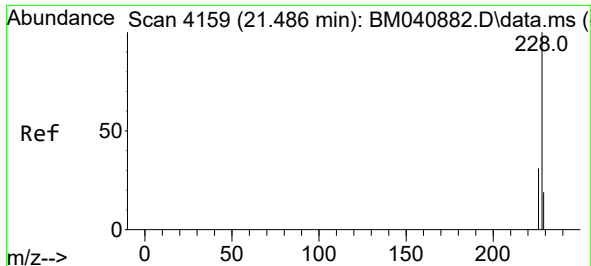
Tgt Ion:202 Resp: 1353876
Ion Ratio Lower Upper
202 100
101 12.8 12.6 18.8
100 10.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 46.552 ng/ul
RT: 21.433 min Scan# 4141
Delta R.T. -0.000 min
Lab File: BM040891.D
Acq: 14 Jul 2023 22:41

Tgt Ion:228 Resp: 1557631
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.1 22.3 33.5





#22

Chrysene

Concen: 25.022 ng/ul

RT: 21.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

Instrument :

BNA_M

ClientSampleId :

A46K7

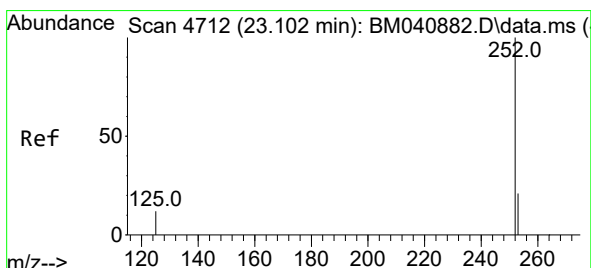
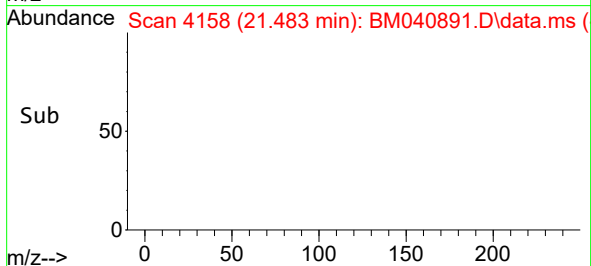
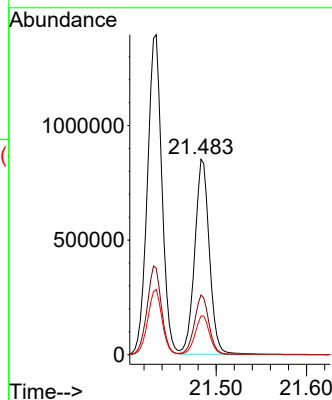
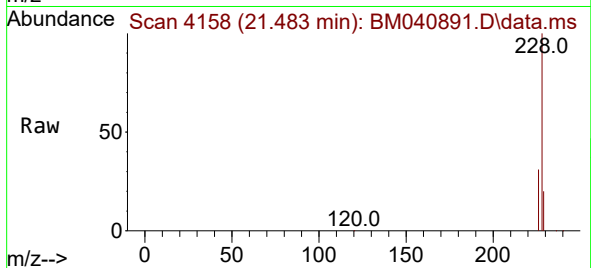
Tgt Ion:228 Resp: 955033

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

229 19.8 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 26.471 ng/ul

RT: 23.099 min Scan# 4711

Delta R.T. -0.003 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

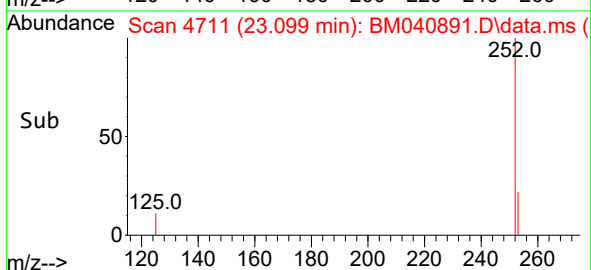
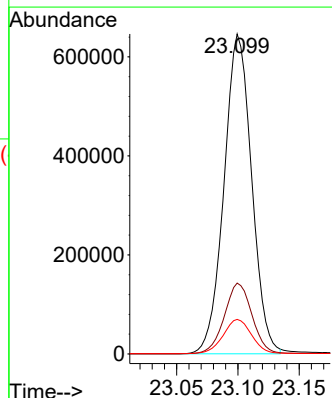
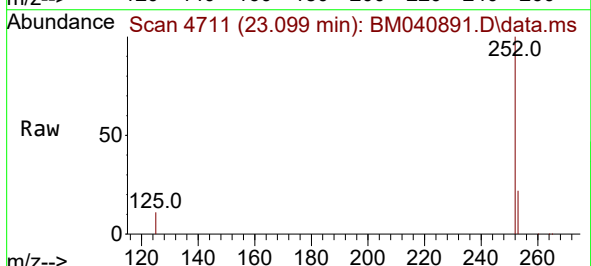
Tgt Ion:252 Resp: 1012354

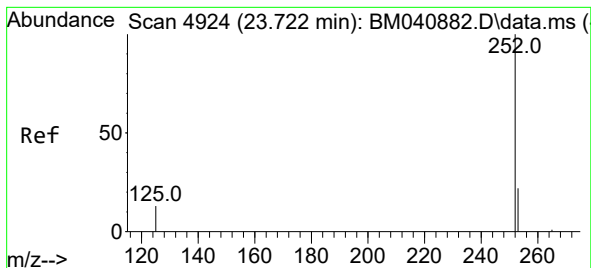
Ion Ratio Lower Upper

252 100

253 22.1 0.0 52.8

125 10.8 0.0 43.0





#26

Benzo(a)pyrene

Concen: 25.674 ng/ul

RT: 23.722 min Scan# 4924

Delta R.T. -0.000 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

Instrument :

BNA_M

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A46K7

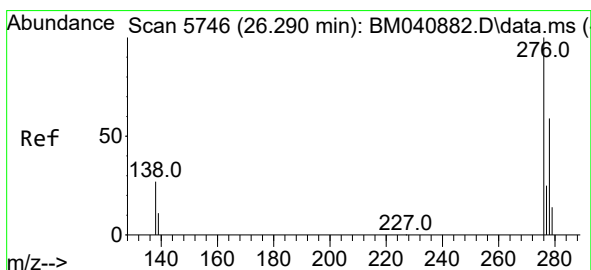
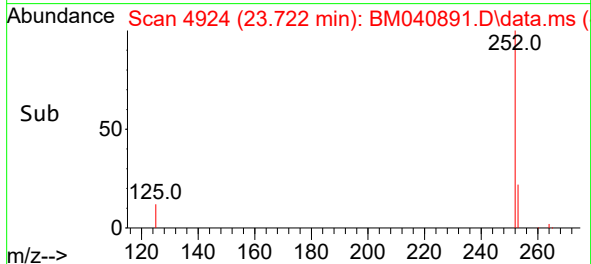
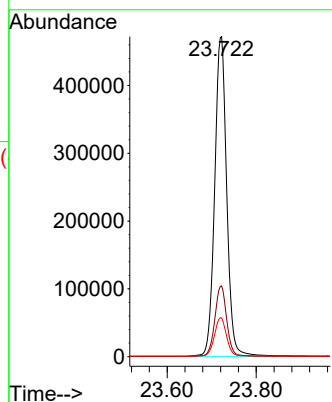
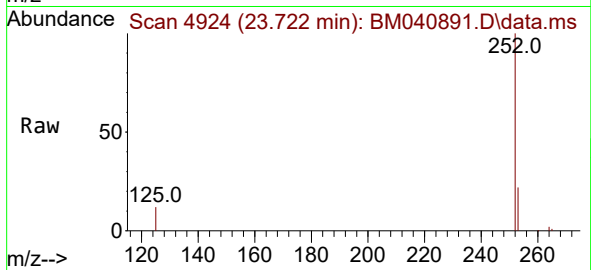
Tgt Ion:252 Resp: 884441

Ion Ratio Lower Upper

252 100

253 22.1 22.9 34.3#

125 12.2 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 26.395 ng/ul

RT: 26.290 min Scan# 5746

Delta R.T. -0.000 min

Lab File: BM040891.D

Acq: 14 Jul 2023 22:41

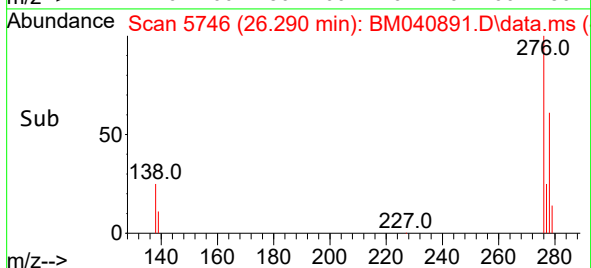
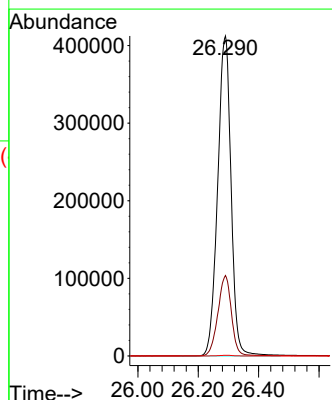
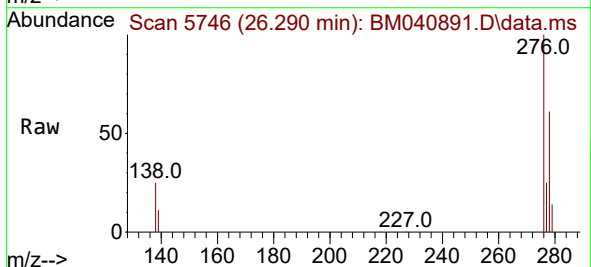
Tgt Ion:276 Resp: 1266310

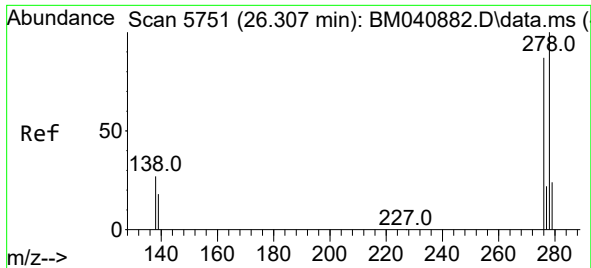
Ion Ratio Lower Upper

276 100

138 25.4 24.5 36.7

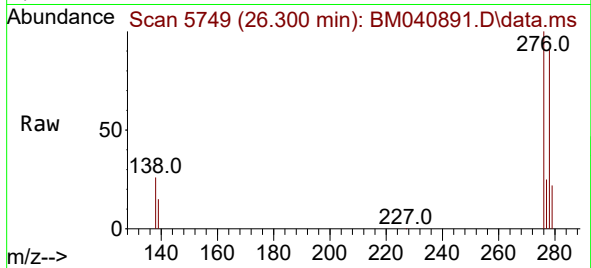
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 21.366 ng/ul
 RT: 26.300 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM040891.D
 Acq: 14 Jul 2023 22:41

Instrument :
 BNA_M
 ClientSampleId :
 A46K7



Tgt Ion:278 Resp: 802587
 Ion Ratio Lower Upper
 278 100
 139 17.0 17.9 26.9#
 279 23.8 22.0 33.0

