

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040897.D
 Acq On : 15 Jul 2023 02:29
 Operator : MA/JU
 Sample : 03437-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G9

Quant Time: Jul 15 04:01:20 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)

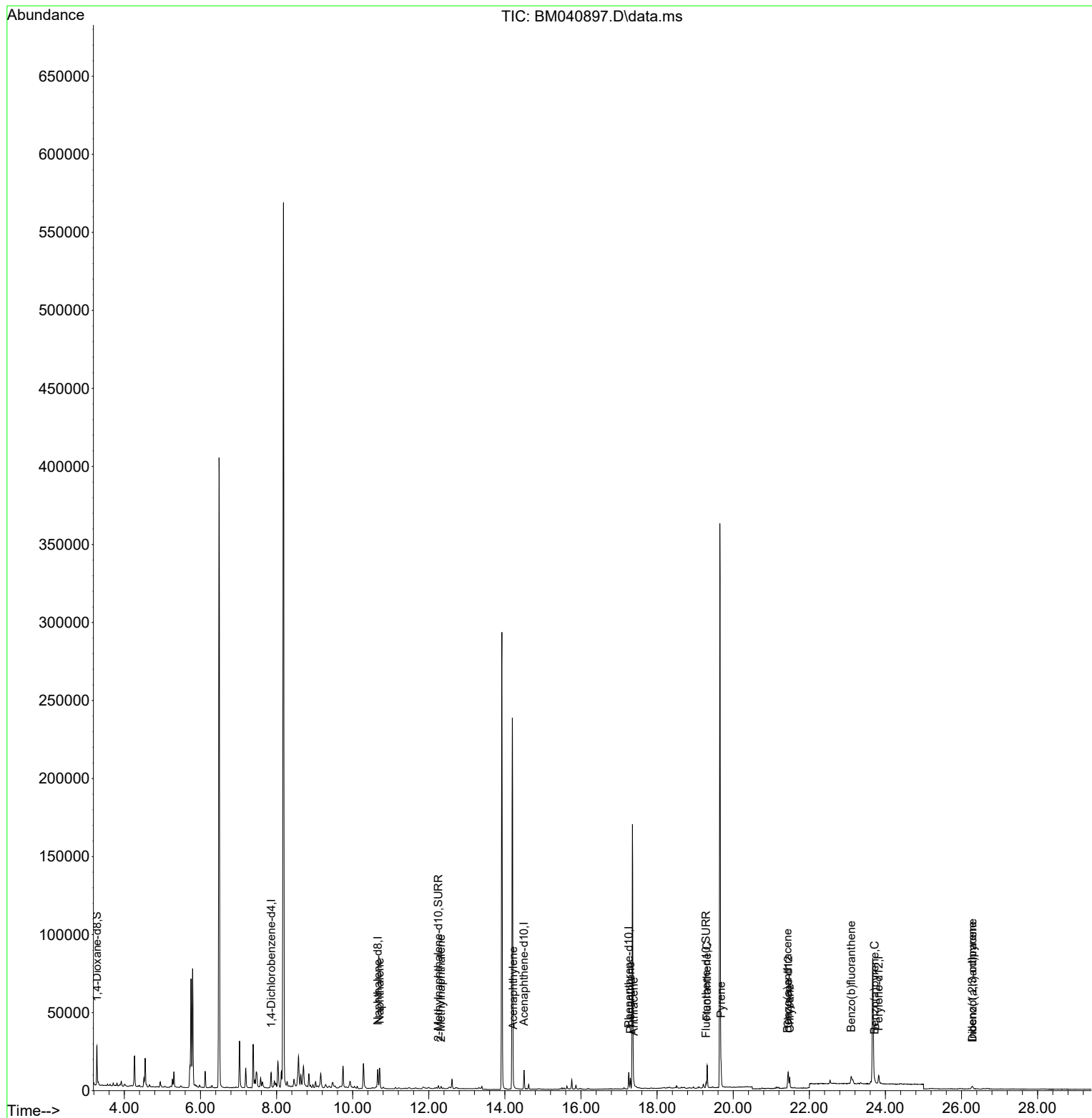
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	4702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	15603	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	6620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	12043	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7816	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	7613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13990	1.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	2460	0.112	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	3573	0.143	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	17563	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	1012	0.040	ng/ul	96
10) Acenaphthylene	14.222	152	871	0.029	ng/ul#	52
15) Phenanthrene	17.299	178	7005	0.187	ng/ul	96
16) Anthracene	17.388	178	975	0.031	ng/ul#	71
19) Fluoranthene	19.315	202	12469	0.376	ng/ul	99
20) Pyrene	19.682	202	12419	0.349	ng/ul	99
21) Benzo(a)anthracene	21.431	228	5097	0.193	ng/ul#	90
22) Chrysene	21.483	228	7156	0.237	ng/ul#	93
24) Benzo(b)fluoranthene	23.102	252	8021	0.272	ng/ul#	65
26) Benzo(a)pyrene	23.716	252	1683	0.063	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.280	276	2891	0.078	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.290	278	930	0.032	ng/ul#	1

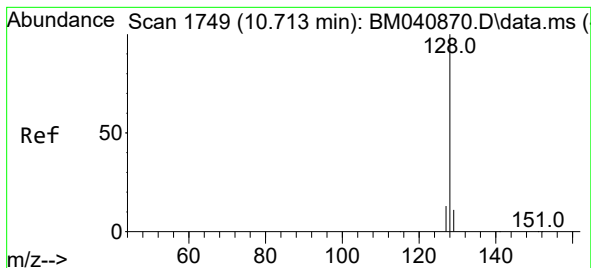
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.408 ng/ul

RT: 10.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

Instrument :

BNA_M

ClientSampleId :

A46G9

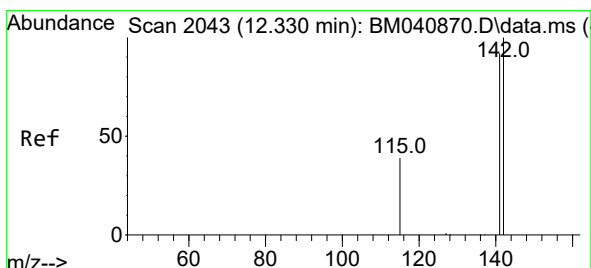
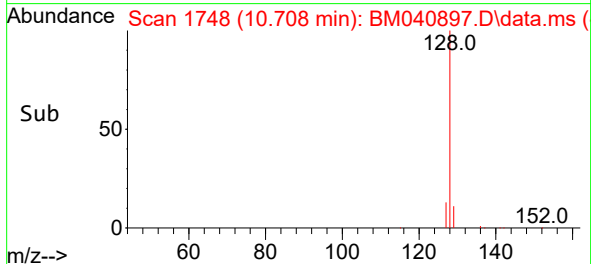
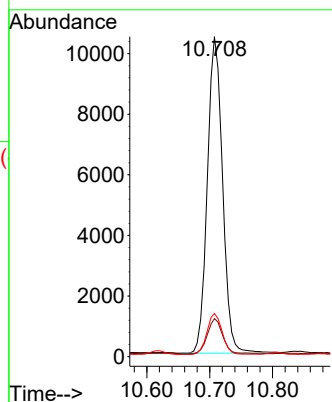
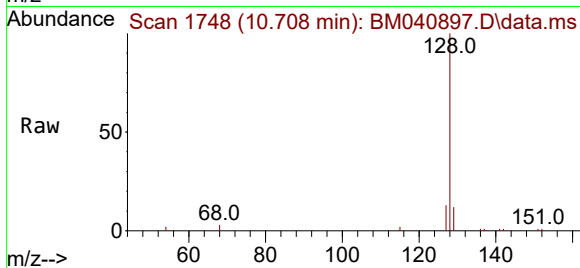
Tgt Ion:128 Resp: 17563

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 13.5 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.324 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BM040897.D

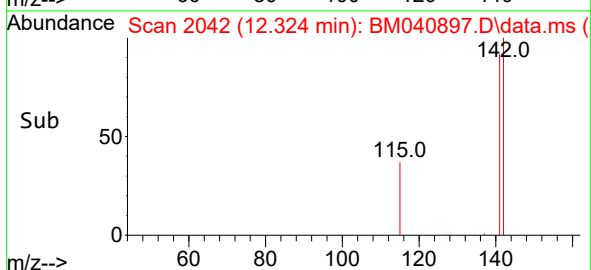
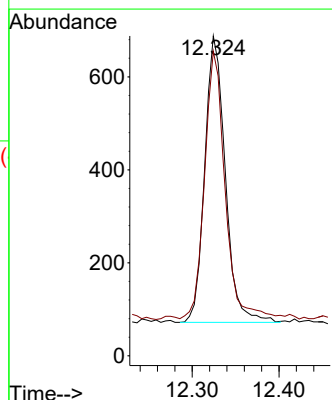
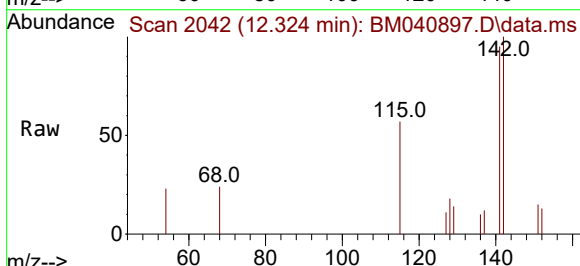
Acq: 15 Jul 2023 02:29

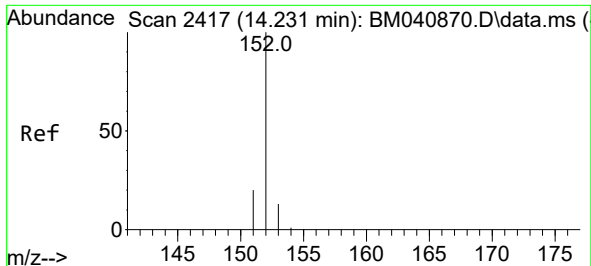
Tgt Ion:142 Resp: 1012

Ion Ratio Lower Upper

142 100

141 93.3 71.9 107.9

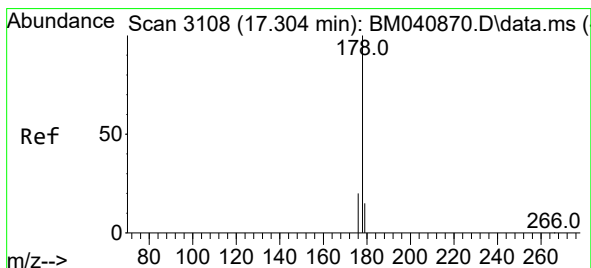
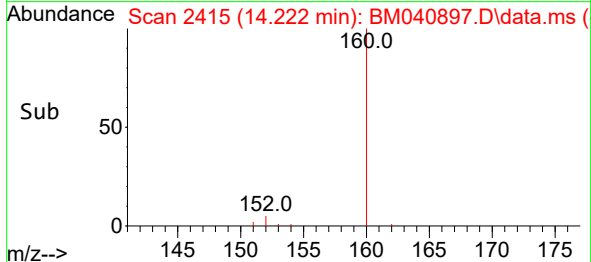
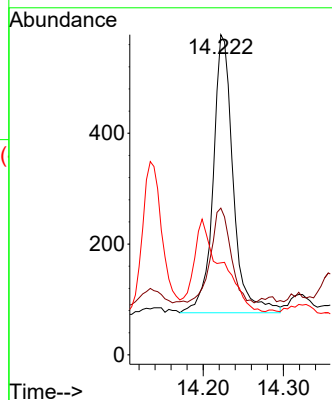
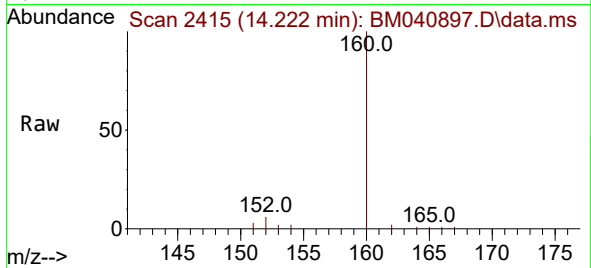




#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040897.D
Acq: 15 Jul 2023 02:29

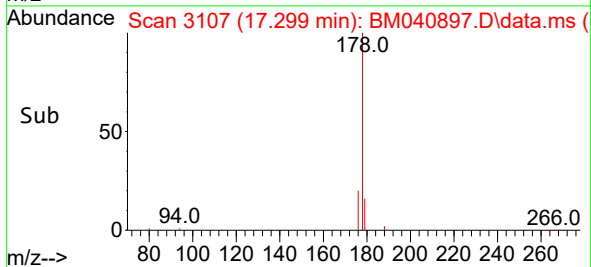
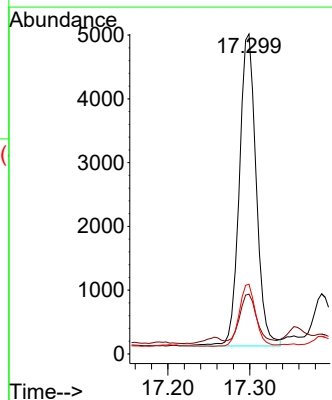
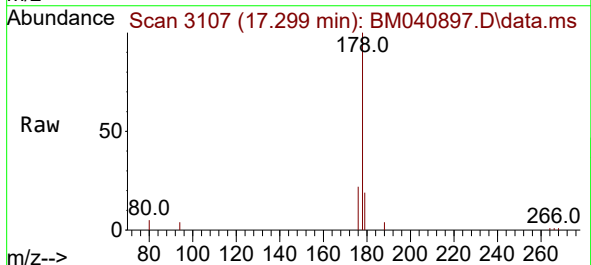
Instrument :
BNA_M
ClientSampleId :
A46G9

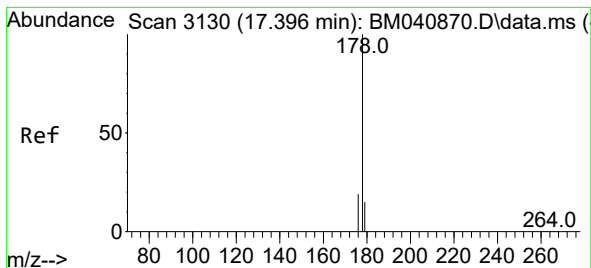
Tgt Ion:152 Resp: 871
Ion Ratio Lower Upper
152 100
151 45.8 16.2 24.2#
153 28.7 10.9 16.3#



#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040897.D
Acq: 15 Jul 2023 02:29

Tgt Ion:178 Resp: 7005
Ion Ratio Lower Upper
178 100
179 18.7 12.8 19.2
176 21.8 16.4 24.6





#16

Anthracene

Concen: 0.031 ng/ul

RT: 17.388 min Scan# 31

Delta R.T. -0.008 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

Instrument :

BNA_M

ClientSampleId :

A46G9

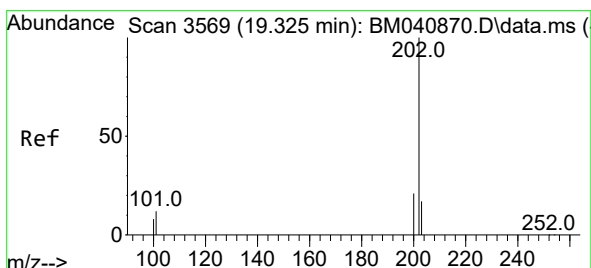
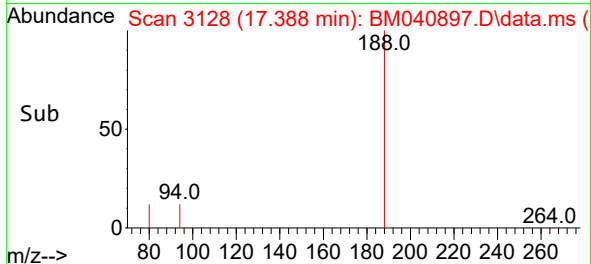
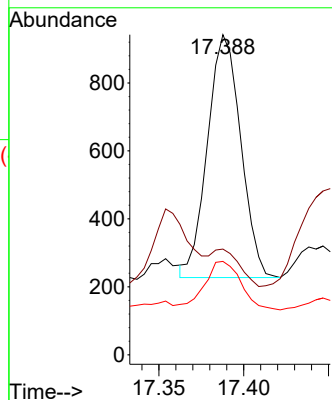
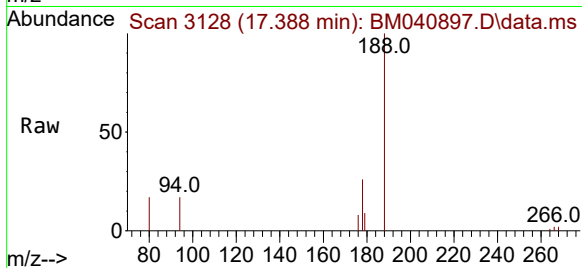
Tgt Ion:178 Resp: 975

Ion Ratio Lower Upper

178 100

179 33.0 12.9 19.3#

176 29.2 15.8 23.6#



#19

Fluoranthene

Concen: 0.376 ng/ul

RT: 19.315 min Scan# 3567

Delta R.T. -0.009 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

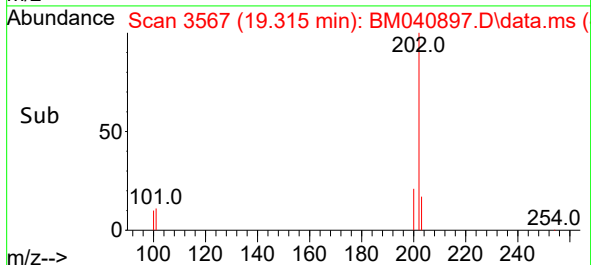
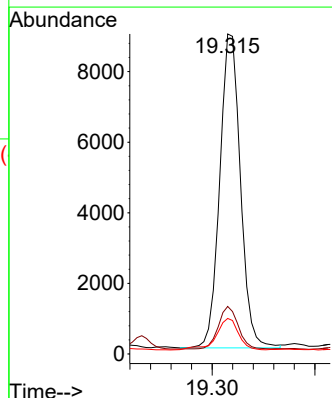
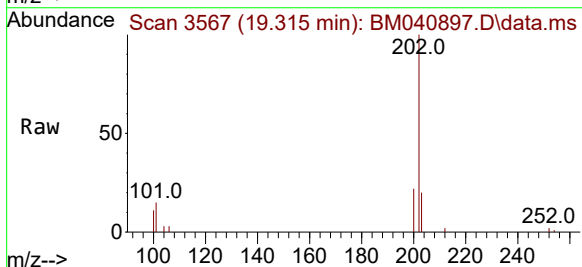
Tgt Ion:202 Resp: 12469

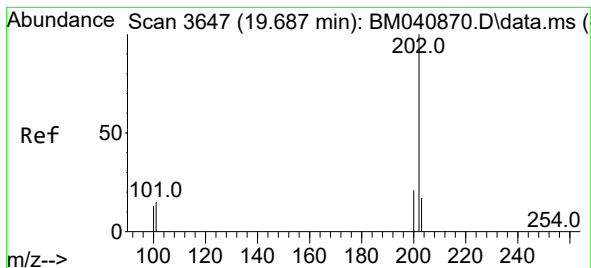
Ion Ratio Lower Upper

202 100

101 14.9 11.4 17.0

100 11.1 8.7 13.1





#20

Pyrene

Concen: 0.349 ng/ul

RT: 19.682 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

Instrument :

BNA_M

ClientSampleId :

A46G9

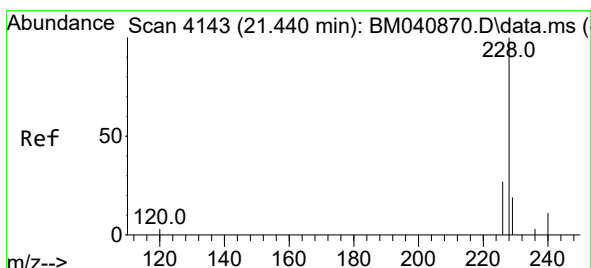
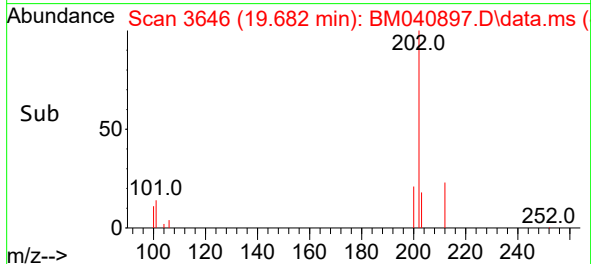
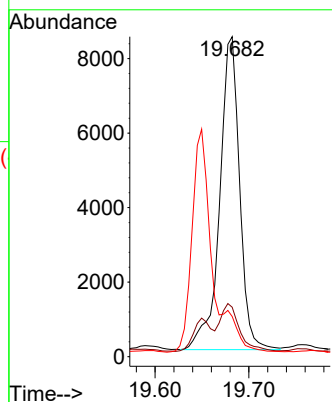
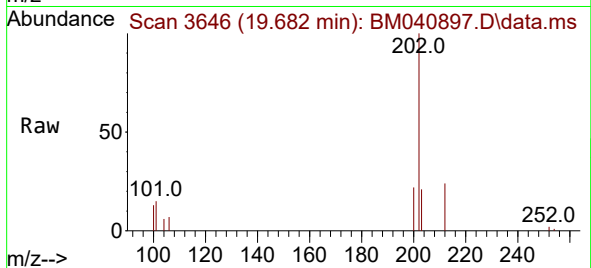
Tgt Ion:202 Resp: 12419

Ion Ratio Lower Upper

202 100

101 15.4 12.6 18.8

100 12.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.193 ng/ul

RT: 21.431 min Scan# 4140

Delta R.T. -0.003 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

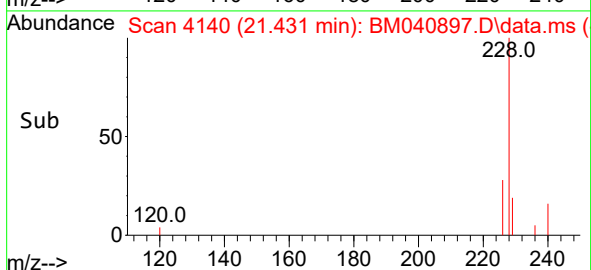
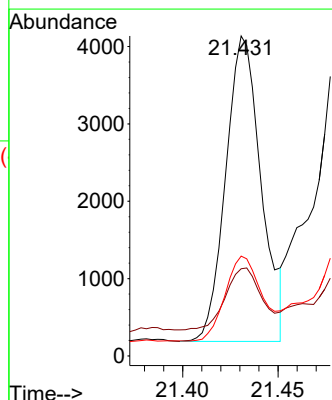
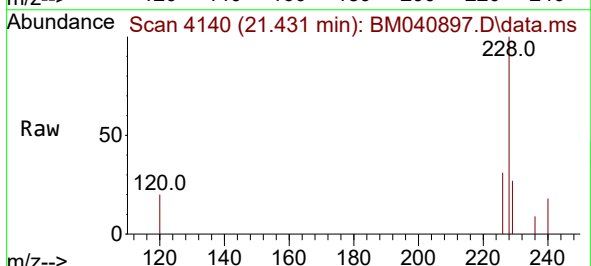
Tgt Ion:228 Resp: 5097

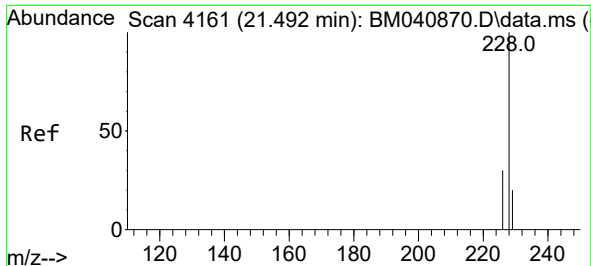
Ion Ratio Lower Upper

228 100

229 27.2 16.0 24.0#

226 31.2 22.3 33.5





#22

Chrysene

Concen: 0.237 ng/ul

RT: 21.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040897.D

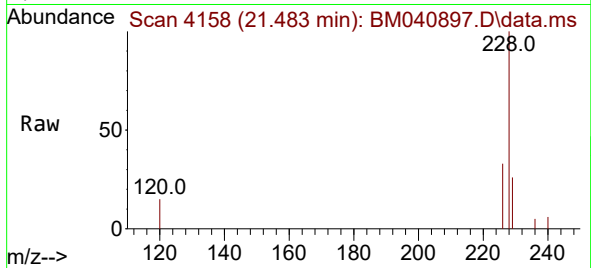
Acq: 15 Jul 2023 02:29

Instrument :

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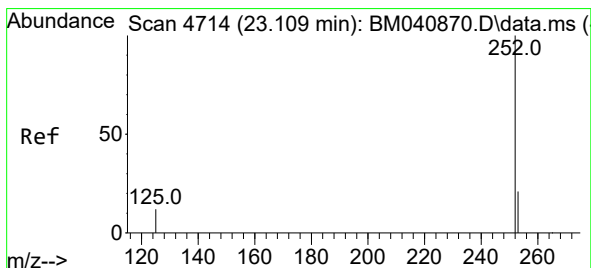
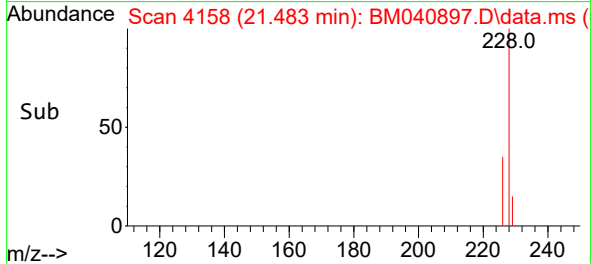
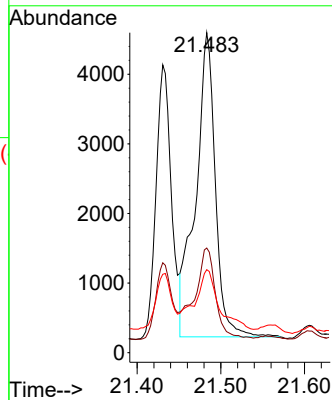
Tgt Ion:228 Resp: 7156

Ion Ratio Lower Upper

228 100

226 32.7 24.9 37.3

229 25.9 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.272 ng/ul

RT: 23.102 min Scan# 4712

Delta R.T. -0.000 min

Lab File: BM040897.D

Acq: 15 Jul 2023 02:29

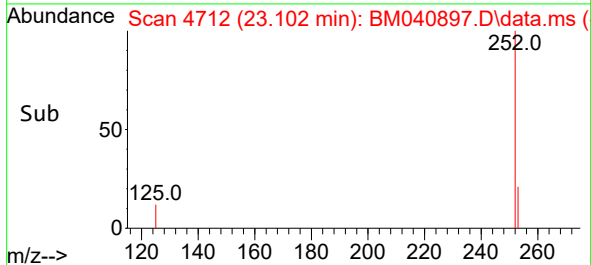
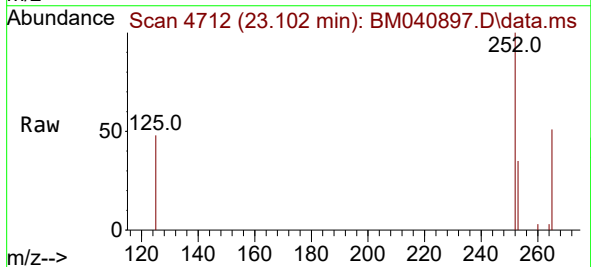
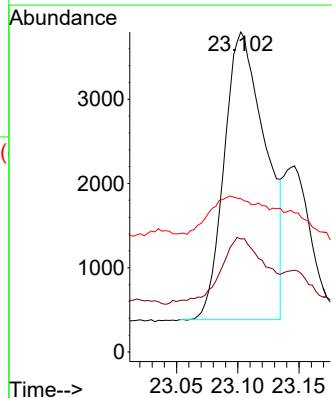
Tgt Ion:252 Resp: 8021

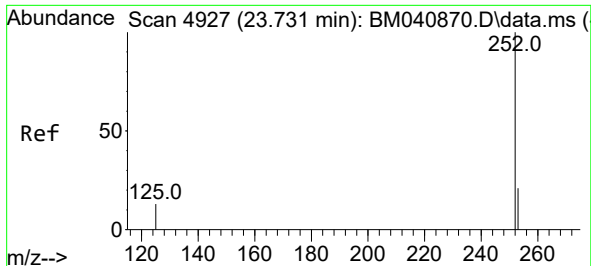
Ion Ratio Lower Upper

252 100

253 35.3 0.0 52.8

125 47.9 0.0 43.0#

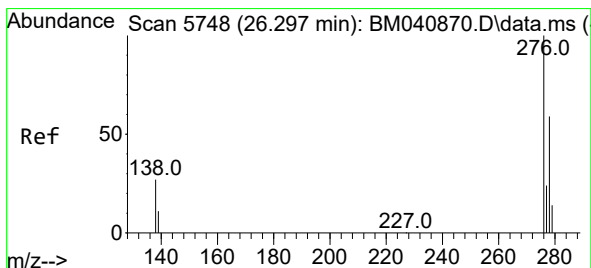
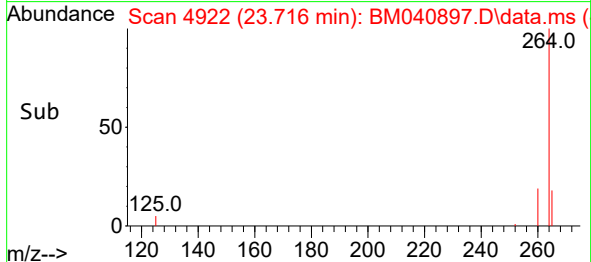
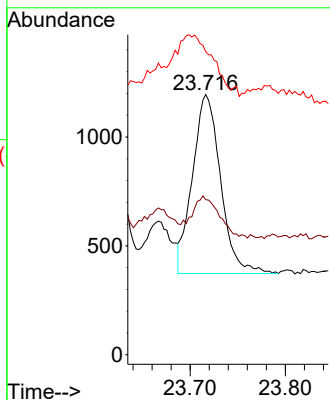
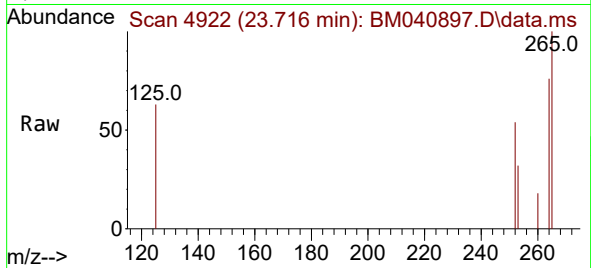




#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.716 min Scan# 4922
Delta R.T. -0.006 min
Lab File: BM040897.D
Acq: 15 Jul 2023 02:29

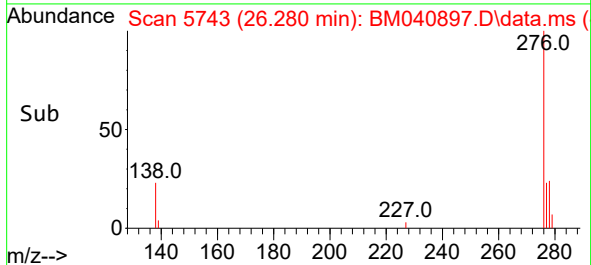
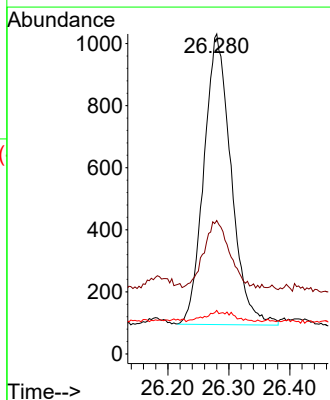
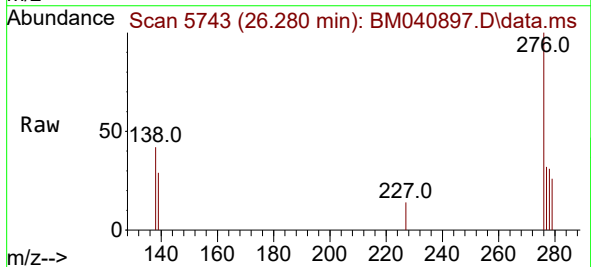
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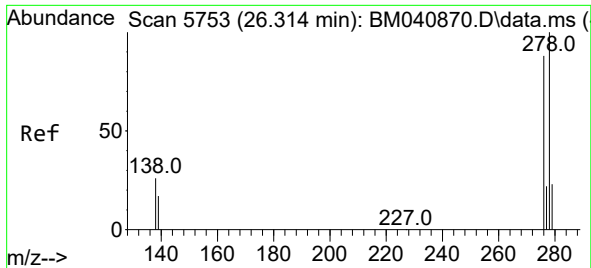
Tgt Ion:252 Resp: 1683
Ion Ratio Lower Upper
252 100
253 59.6 22.9 34.3#
125 116.5 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040897.D
Acq: 15 Jul 2023 02:29

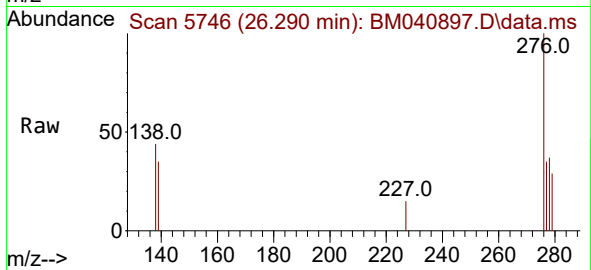
Tgt Ion:276 Resp: 2891
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 3.7 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040897.D
Acq: 15 Jul 2023 02:29

Instrument :
BNA_M
ClientSampleId :
A46G9



Tgt Ion:278 Resp: 930
Ion Ratio Lower Upper
278 100
139 95.8 17.9 26.9#
279 78.5 22.0 33.0#

