

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040836.D
 Acq On : 12 Jul 2023 14:11
 Operator : MA/JU
 Sample : 03414-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G5

Quant Time: Jul 13 00:12:37 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

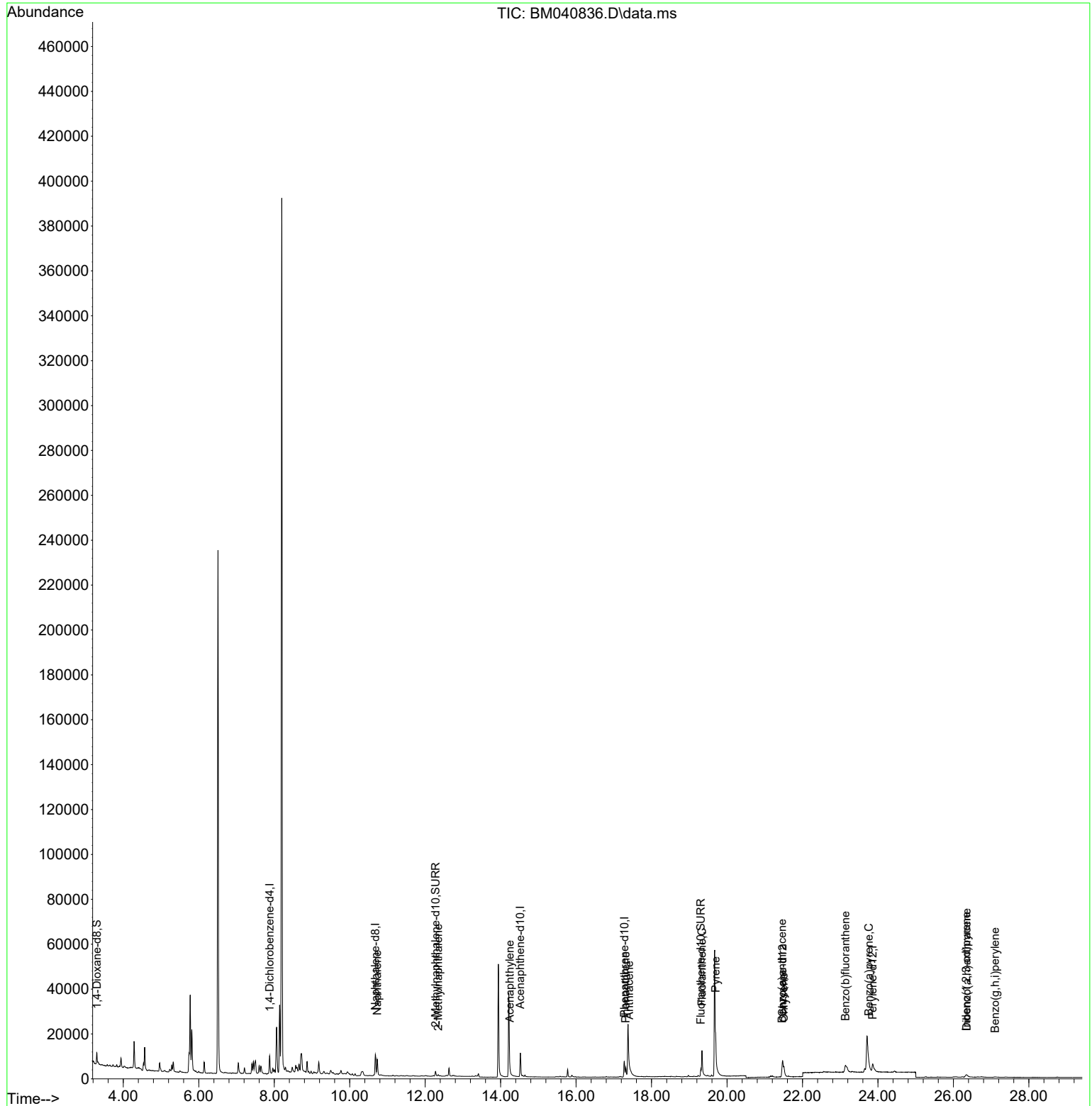
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	14580	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	6380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10392	0.400	ng/ul	-0.01
17) Chrysene-d12	21.474	240	7687	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	5272	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3286	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	3568	0.175	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	4656	0.189	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	10898	0.271	ng/ul	98
7) 2-Methylnaphthalene	12.346	142	579	0.025	ng/ul	96
10) Acenaphthylene	14.245	152	802	0.028	ng/ul#	50
15) Phenanthrene	17.316	178	4995	0.155	ng/ul	95
16) Anthracene	17.409	178	1452	0.054	ng/ul#	69
19) Fluoranthene	19.338	202	12498	0.383	ng/ul	99
20) Pyrene	19.701	202	12457	0.356	ng/ul	96
21) Benzo(a)anthracene	21.457	228	5135	0.197	ng/ul#	90
22) Chrysene	21.507	228	5002	0.169	ng/ul#	93
24) Benzo(b)fluoranthene	23.140	252	6003	0.294	ng/ul	74
26) Benzo(a)pyrene	23.757	252	3028	0.165	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	26.341	276	3066	0.120	ng/ul	91
28) Dibenzo(a,h)anthracene	26.354	278	644	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.105	276	617	0.028	ng/ul#	21

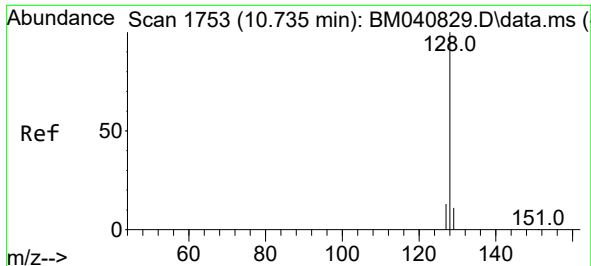
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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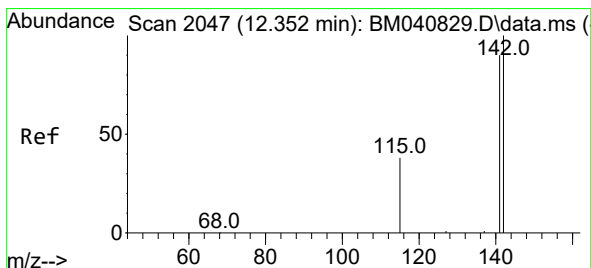
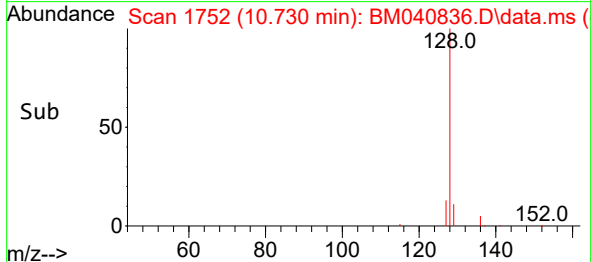
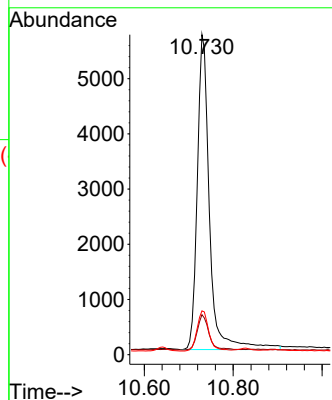
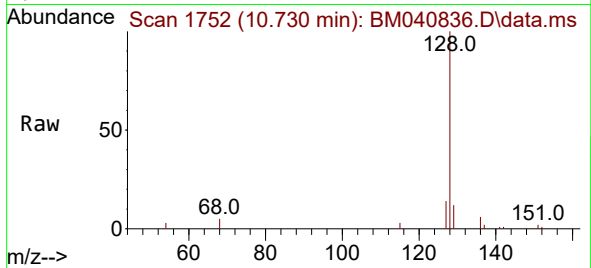




#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.730 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

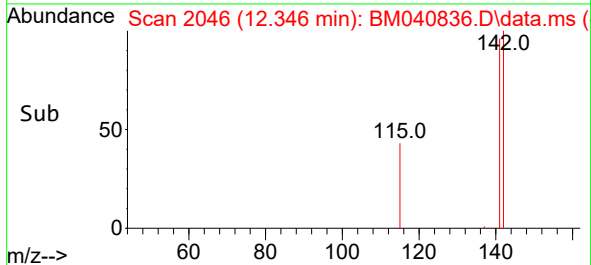
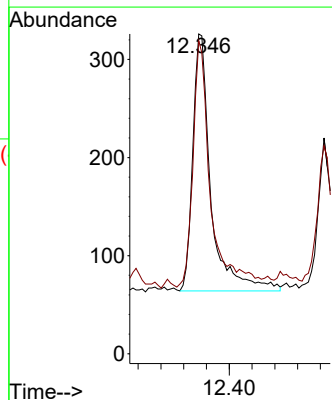
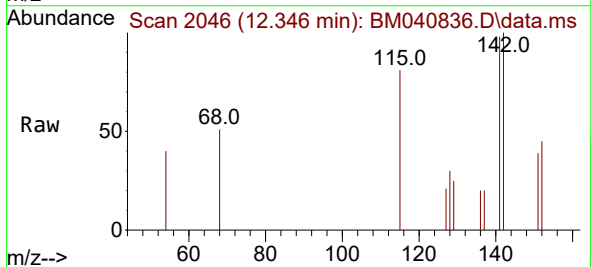
Instrument :
BNA_M
ClientSampleId :
A46G5

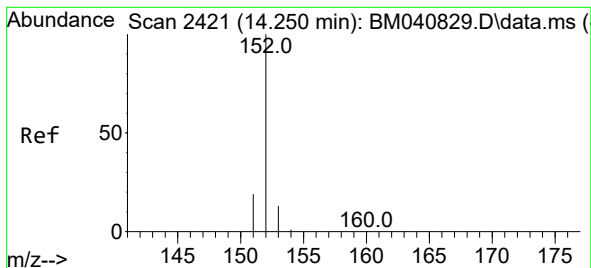
Tgt Ion:128 Resp: 10898
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.011 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

Tgt Ion:142 Resp: 579
Ion Ratio Lower Upper
142 100
141 94.1 71.9 107.9





#10

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.245 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BM040836.D

Acq: 12 Jul 2023 14:11

Instrument :

BNA_M

ClientSampleId :

A46G5

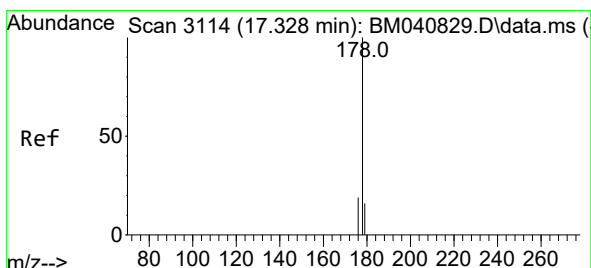
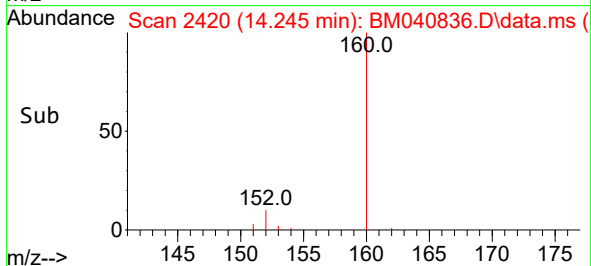
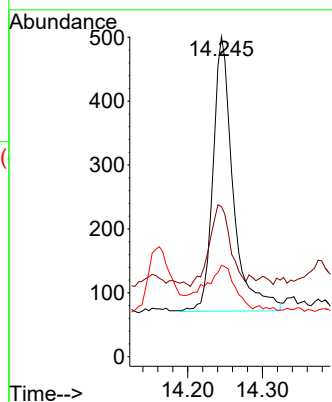
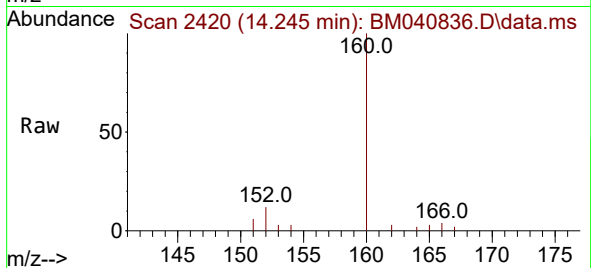
Tgt Ion:152 Resp: 802

Ion Ratio Lower Upper

152 100

151 46.9 16.2 24.2#

153 28.5 10.9 16.3#



#15

Phenanthrene

Concen: 0.155 ng/ul

RT: 17.316 min Scan# 3111

Delta R.T. -0.017 min

Lab File: BM040836.D

Acq: 12 Jul 2023 14:11

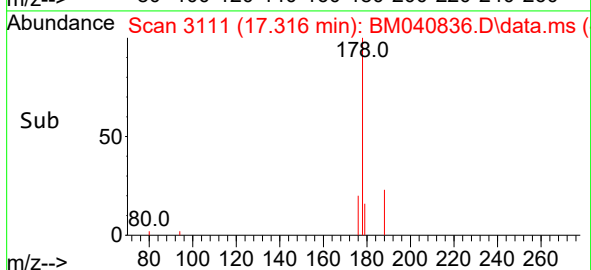
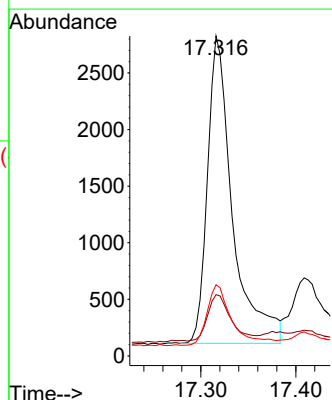
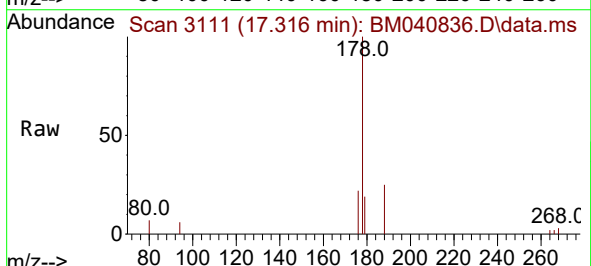
Tgt Ion:178 Resp: 4995

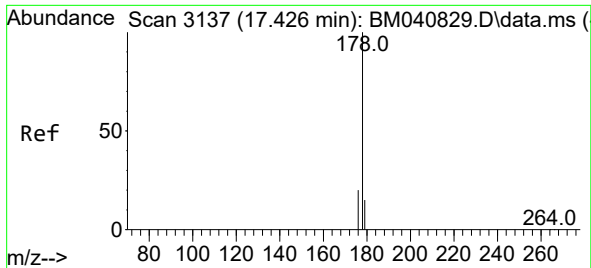
Ion Ratio Lower Upper

178 100

179 19.1 12.8 19.2

176 22.2 16.4 24.6

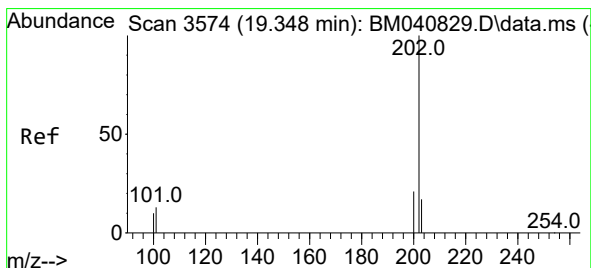
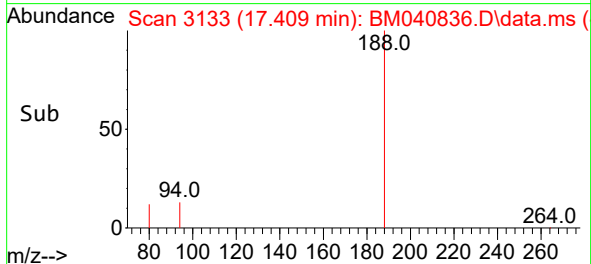
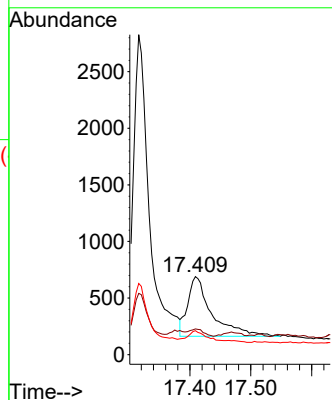
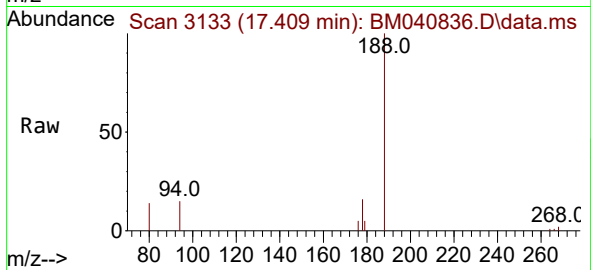




#16
 Anthracene
 Concen: 0.054 ng/ul
 RT: 17.409 min Scan# 3133
 Delta R.T. -0.021 min
 Lab File: BM040836.D
 Acq: 12 Jul 2023 14:11

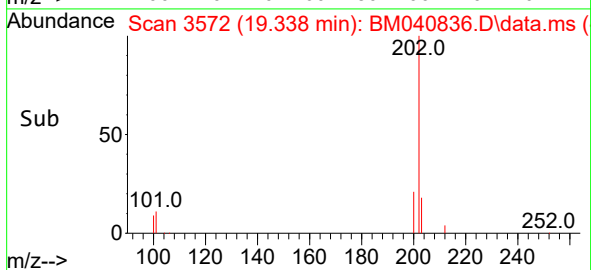
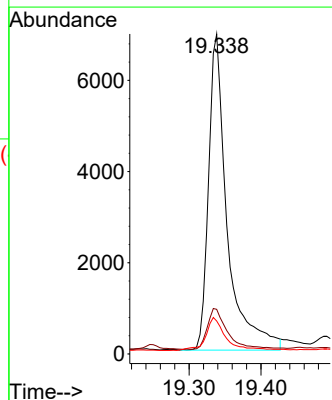
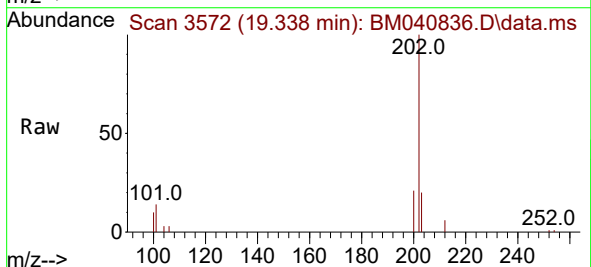
Instrument :
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 ClientSampleId :
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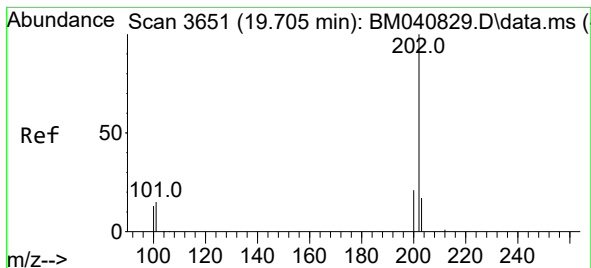
Tgt Ion:178 Resp: 1452
 Ion Ratio Lower Upper
 178 100
 179 33.1 12.9 19.3#
 176 30.8 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.383 ng/ul
 RT: 19.338 min Scan# 3572
 Delta R.T. -0.014 min
 Lab File: BM040836.D
 Acq: 12 Jul 2023 14:11

Tgt Ion:202 Resp: 12498
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.4 17.0
 100 10.3 8.7 13.1





#20

Pyrene

Concen: 0.356 ng/ul

RT: 19.701 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040836.D

Acq: 12 Jul 2023 14:11

Instrument :

BNA_M

ClientSampleId :

A46G5

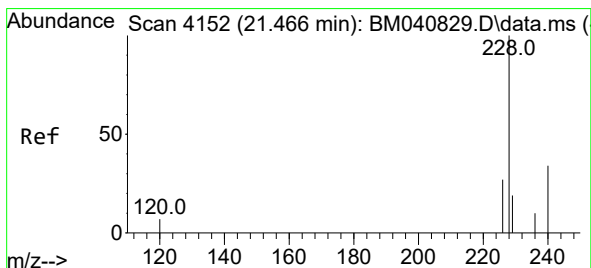
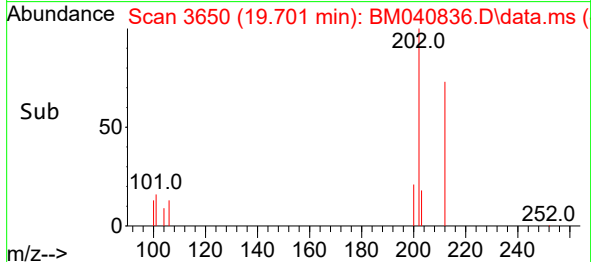
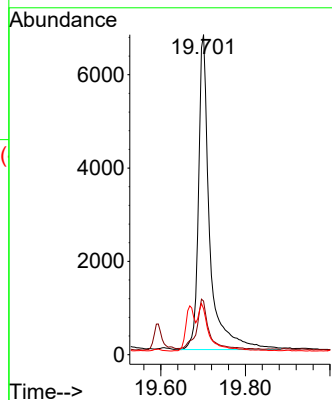
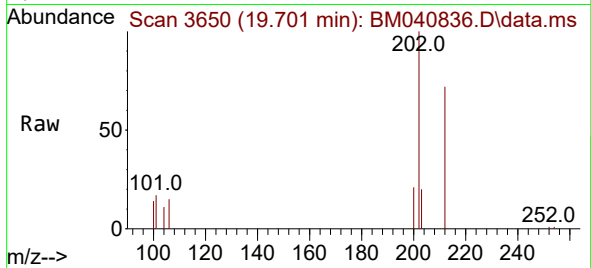
Tgt Ion:202 Resp: 12457

Ion Ratio Lower Upper

202 100

101 16.8 12.6 18.8

100 14.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.197 ng/ul

RT: 21.457 min Scan# 4149

Delta R.T. -0.012 min

Lab File: BM040836.D

Acq: 12 Jul 2023 14:11

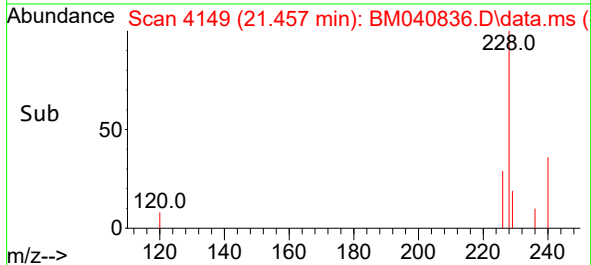
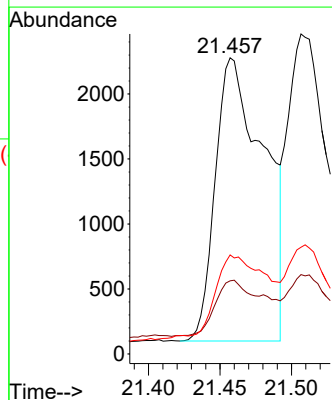
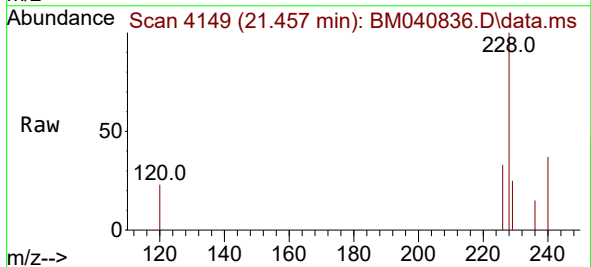
Tgt Ion:228 Resp: 5135

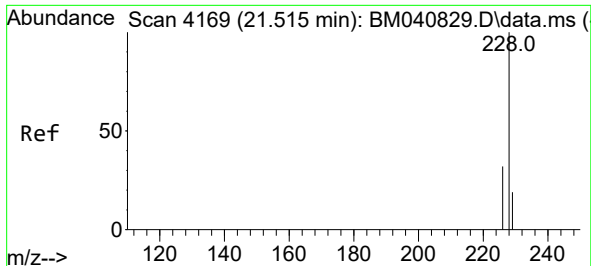
Ion Ratio Lower Upper

228 100

229 24.7 16.0 24.0#

226 33.4 22.3 33.5





#22

Chrysene

Concen: 0.169 ng/ul

RT: 21.507 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM040836.D

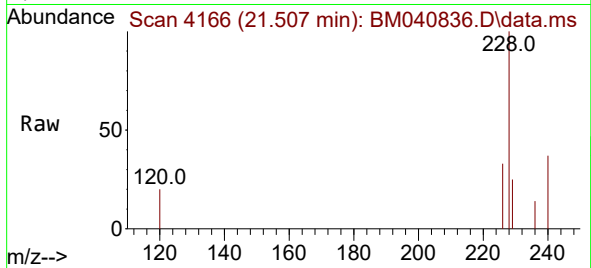
Acq: 12 Jul 2023 14:11

Instrument :

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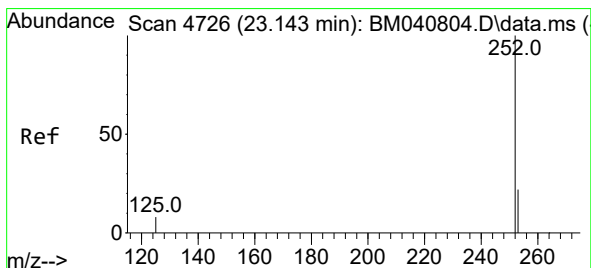
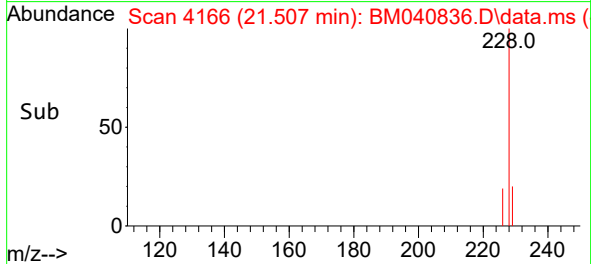
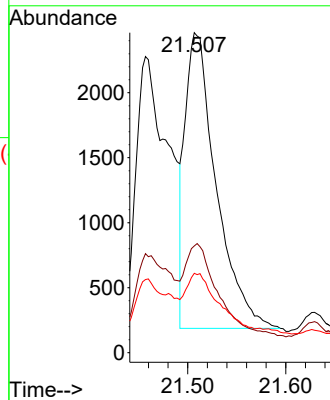
Tgt Ion:228 Resp: 5002

Ion Ratio Lower Upper

228 100

226 33.3 24.9 37.3

229 24.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.294 ng/ul

RT: 23.140 min Scan# 4725

Delta R.T. -0.003 min

Lab File: BM040836.D

Acq: 12 Jul 2023 14:11

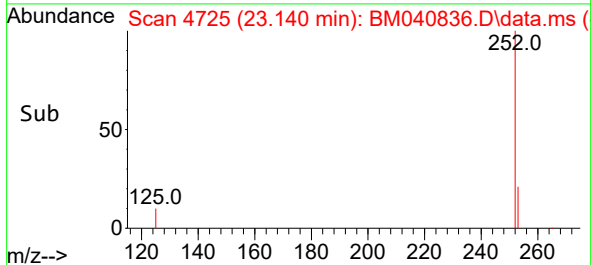
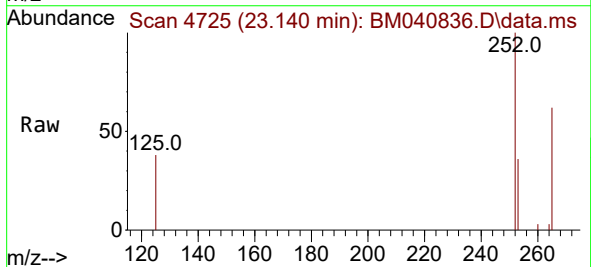
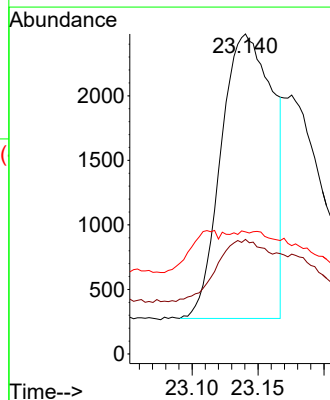
Tgt Ion:252 Resp: 6003

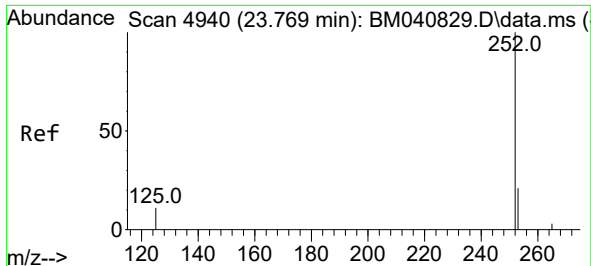
Ion Ratio Lower Upper

252 100

253 35.8 0.0 52.8

125 38.2 0.0 43.0

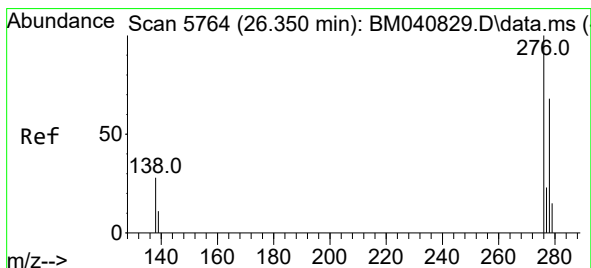
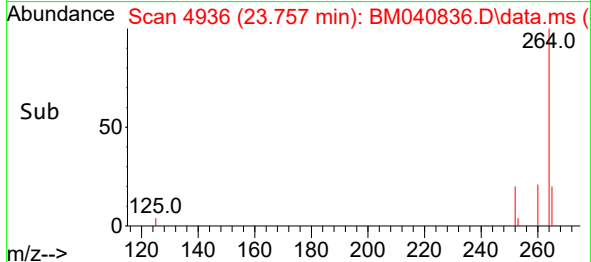
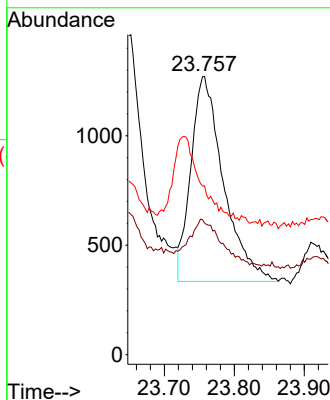
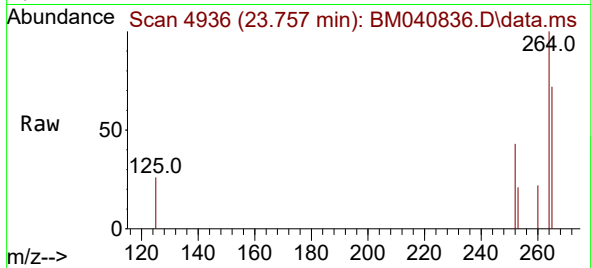




#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.757 min Scan# 4940
Delta R.T. -0.015 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

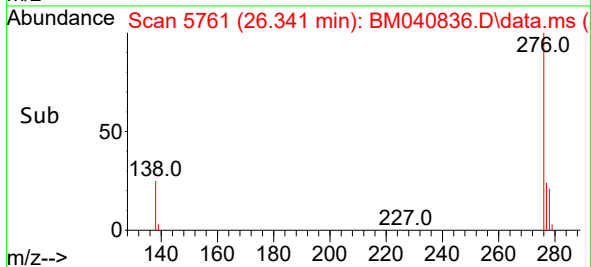
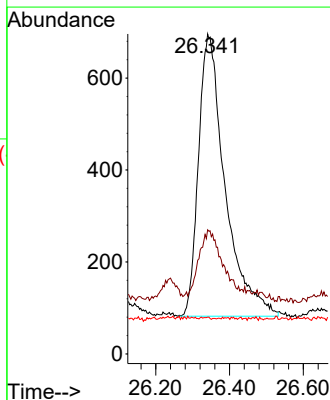
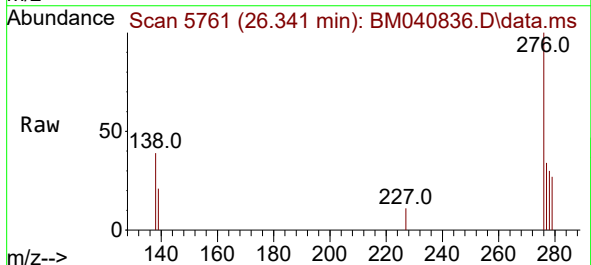
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A46G5

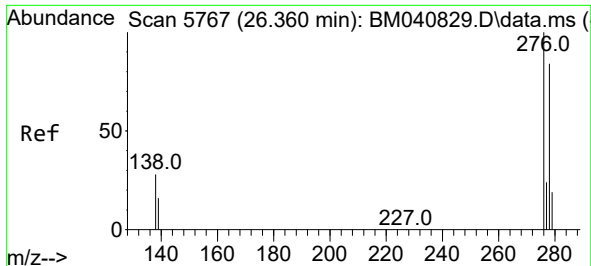
Tgt Ion:252 Resp: 3028
Ion Ratio Lower Upper
252 100
253 47.2 22.9 34.3#
125 60.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.023 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

Tgt Ion:276 Resp: 3066
Ion Ratio Lower Upper
276 100
138 25.8 24.5 36.7
227 0.1 0.1 0.1

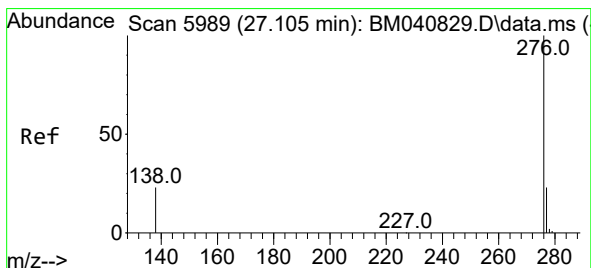
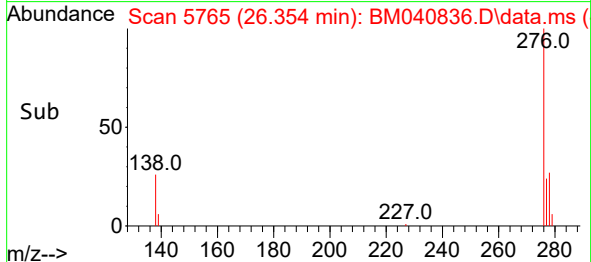
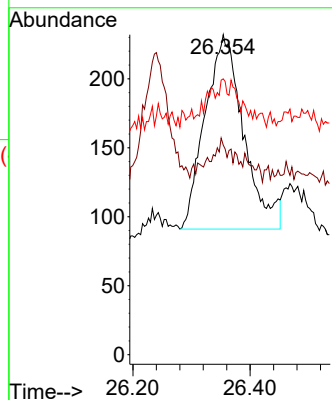
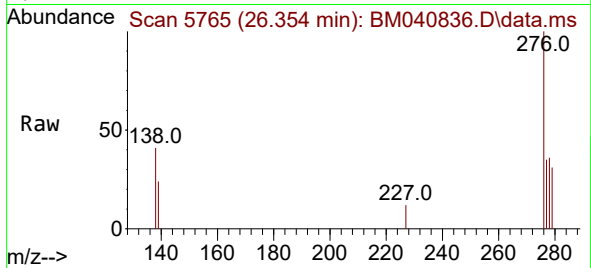




#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

Instrument :
BNA_M
ClientSampleId :
A46G5

Tgt Ion:278 Resp: 644
Ion Ratio Lower Upper
278 100
139 65.5 17.9 26.9#
279 86.2 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. -0.007 min
Lab File: BM040836.D
Acq: 12 Jul 2023 14:11

Tgt Ion:276 Resp: 617
Ion Ratio Lower Upper
276 100
138 75.9 23.0 34.6#
277 59.9 20.3 30.5#

