

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040937.D
 Acq On : 18 Jul 2023 00:21
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Quant Time: Jul 18 02:48:35 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)

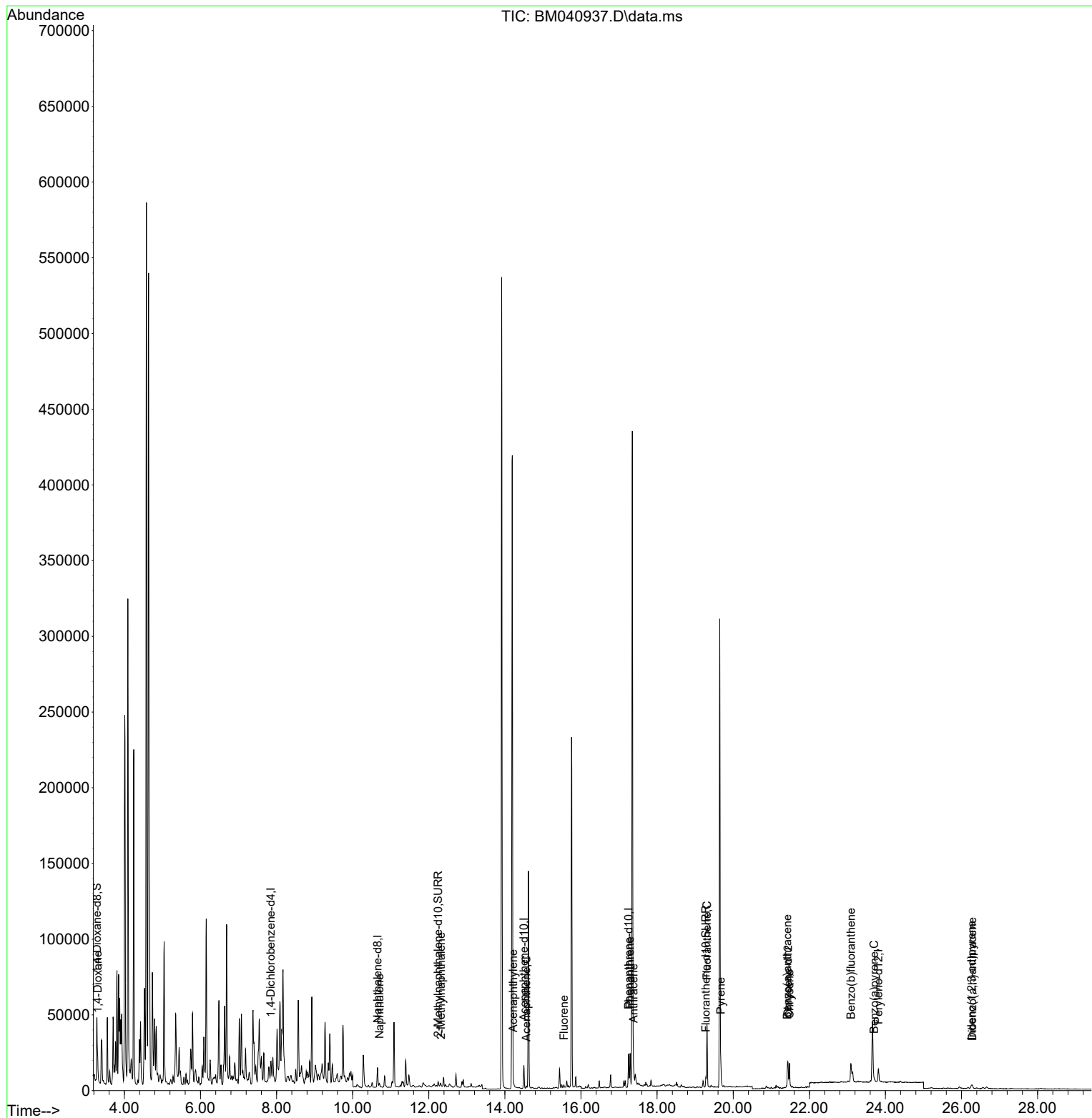
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	6670	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.653	136	17164	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	8033	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	28545	0.400	ng/ul	0.00
17) Chrysene-d12	21.440	240	11531	0.400	ng/ul	-0.01
23) Perylene-d12	23.816	264	11789	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	23449	2.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	4358	0.181	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	6774	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.301	88	1990	0.187	ng/ul#	1
5) Naphthalene	10.702	128	3738	0.079	ng/ul#	88
7) 2-Methylnaphthalene	12.319	142	609	0.022	ng/ul	93
10) Acenaphthylene	14.222	152	1694	0.047	ng/ul#	68
11) Acenaphthene	14.560	153	1179	0.039	ng/ul	96
12) Fluorene	15.550	166	1227	0.038	ng/ul#	87
15) Phenanthrene	17.291	178	22025	0.248	ng/ul	98
16) Anthracene	17.384	178	3203	0.043	ng/ul#	77
19) Fluoranthene	19.311	202	34770	0.710	ng/ul	99
20) Pyrene	19.673	202	13086	0.249	ng/ul	95
21) Benzo(a)anthracene	21.425	228	12702	0.326	ng/ul	94
22) Chrysene	21.478	228	14985	0.337	ng/ul#	93
24) Benzo(b)fluoranthene	23.094	252	19537	0.428	ng/ul	89
26) Benzo(a)pyrene	23.705	252	1121	0.027	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.267	276	3254	0.057	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.280	278	2630	0.059	ng/ul#	47

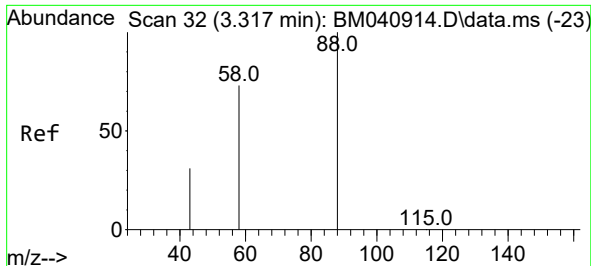
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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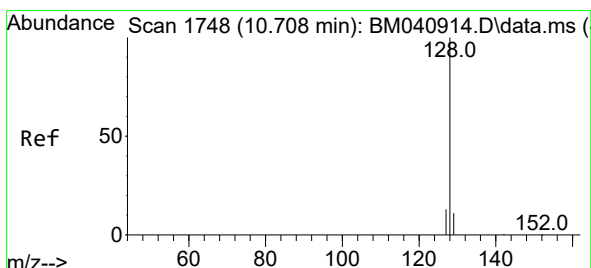
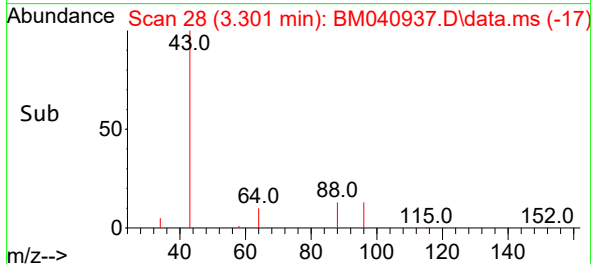
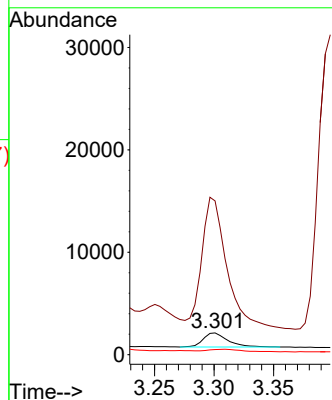
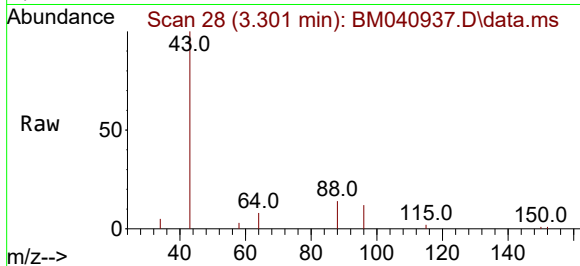




#2
1,4-Dioxane
Concen: 0.187 ng/ul
RT: 3.301 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

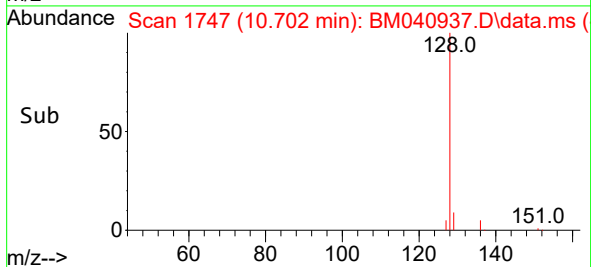
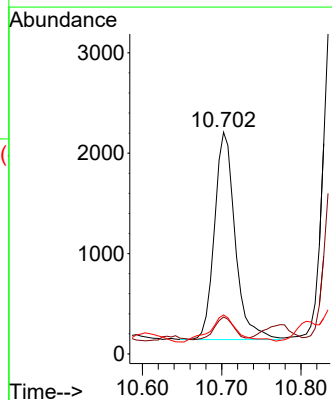
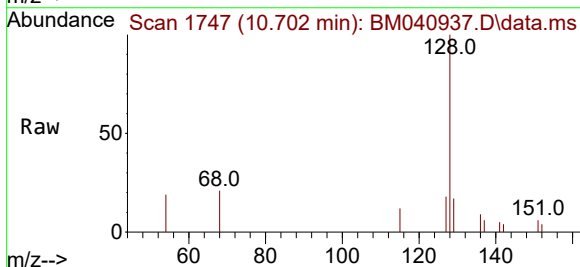
Instrument :
BNA_M
ClientSampleId :
A46N2

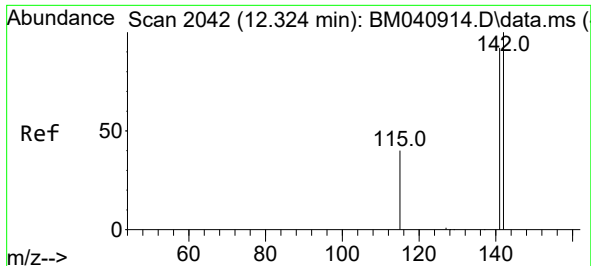
Tgt Ion: 88 Resp: 1990
Ion Ratio Lower Upper
88 100
43 707.3 36.1 54.1#
58 23.6 49.8 74.8#



#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.011 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

Tgt Ion: 128 Resp: 3738
Ion Ratio Lower Upper
128 100
129 16.7 9.2 13.8#
127 17.6 10.6 15.8#

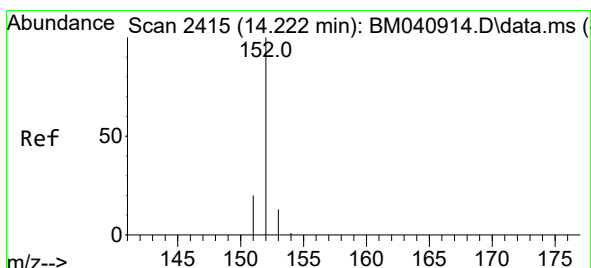
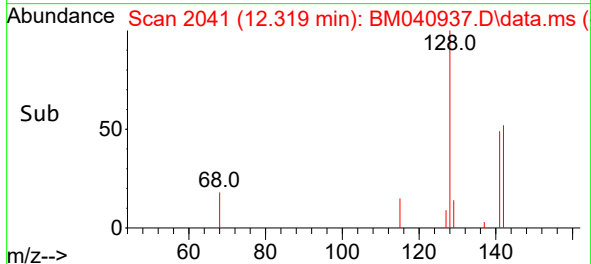
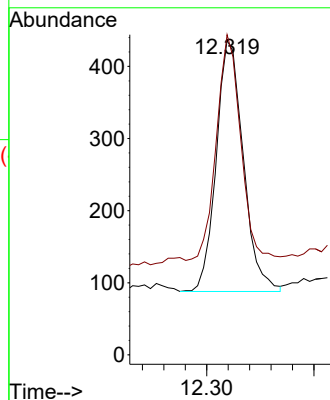
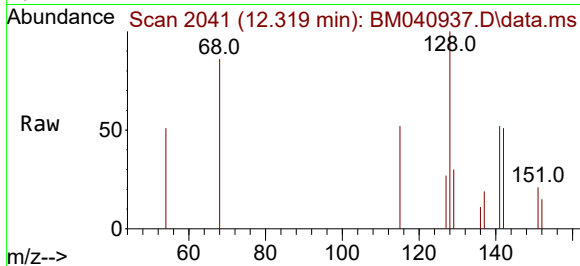




#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

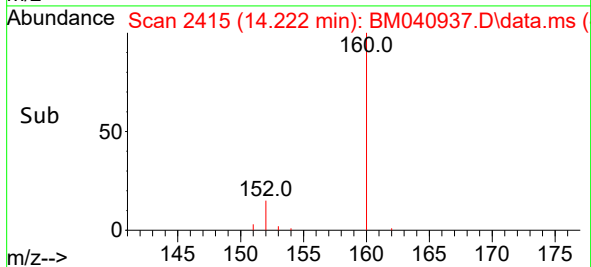
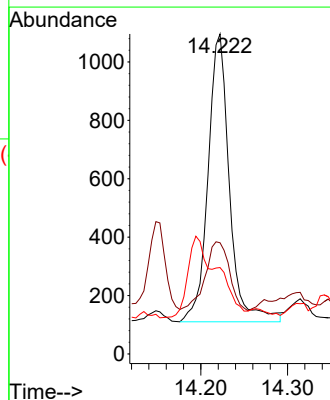
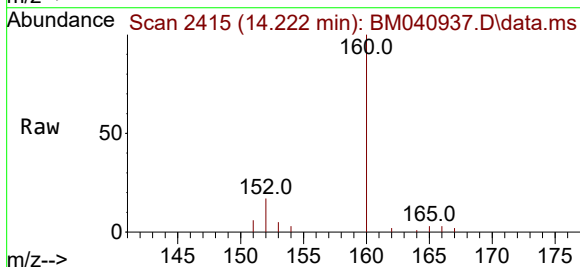
Instrument :
BNA_M
ClientSampleId :
A46N2

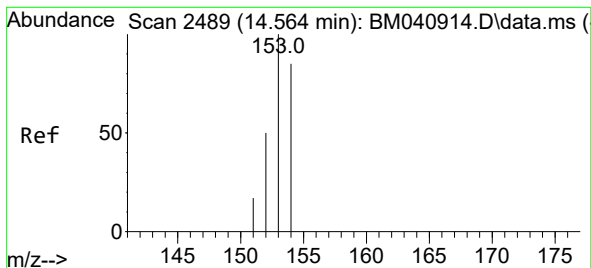
Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
141 83.4 71.9 107.9



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

Tgt Ion:152 Resp: 1694
Ion Ratio Lower Upper
152 100
151 34.8 16.2 24.2#
153 27.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.560 min Scan# 2489

Delta R.T. -0.009 min

Lab File: BM040937.D

Acq: 18 Jul 2023 00:21

Instrument :

BNA_M

ClientSampleId :

A46N2

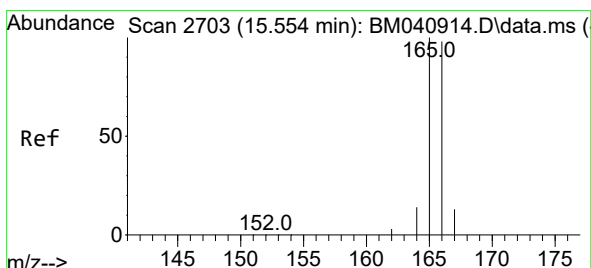
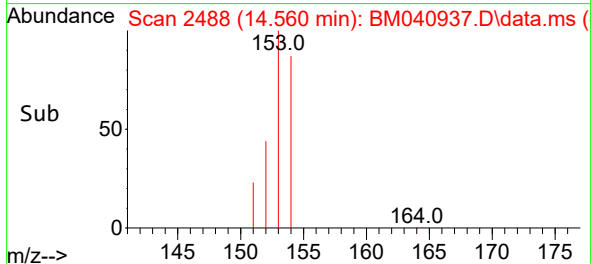
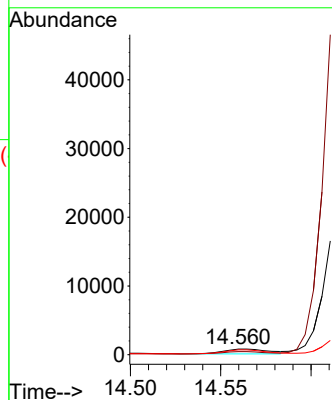
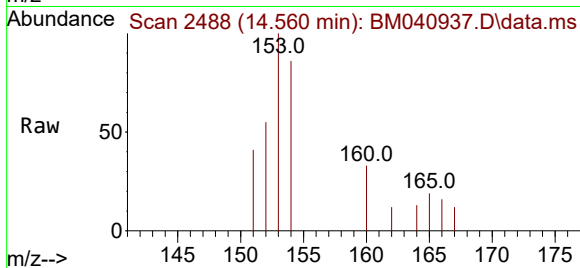
Tgt Ion:153 Resp: 1179

Ion Ratio Lower Upper

153 100

152 54.9 41.0 61.4

154 85.6 70.8 106.2



#12

Fluorene

Concen: 0.038 ng/ul

RT: 15.550 min Scan# 2702

Delta R.T. -0.009 min

Lab File: BM040937.D

Acq: 18 Jul 2023 00:21

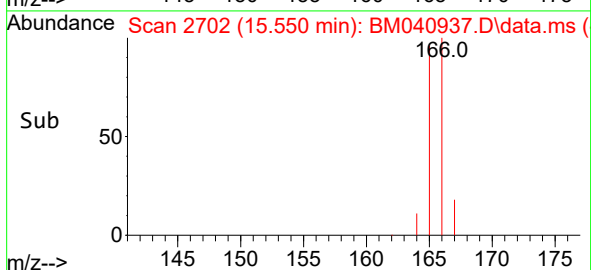
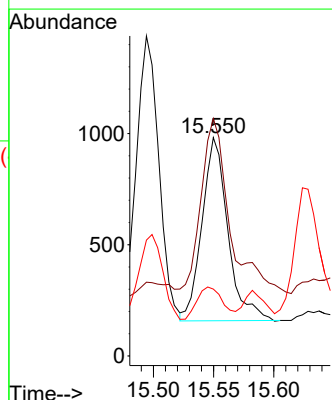
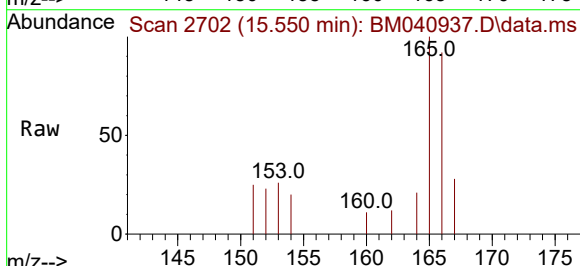
Tgt Ion:166 Resp: 1227

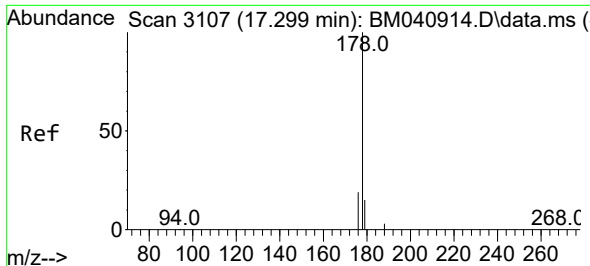
Ion Ratio Lower Upper

166 100

165 108.8 79.6 119.4

167 30.7 11.4 17.0#

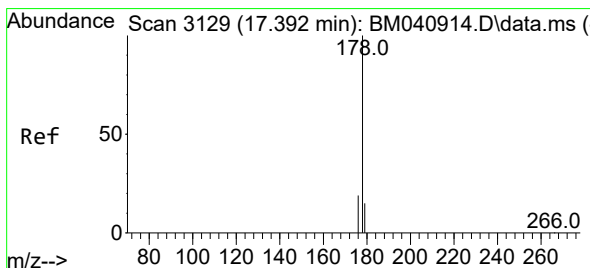
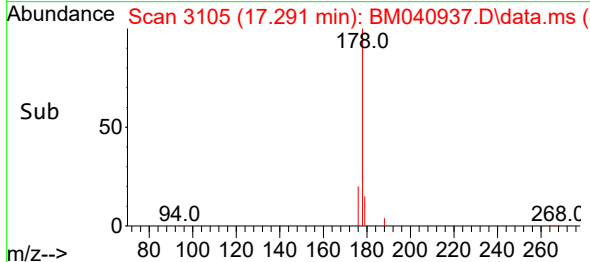
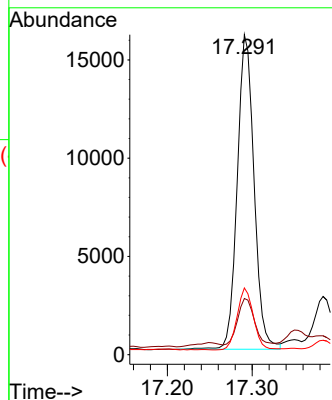
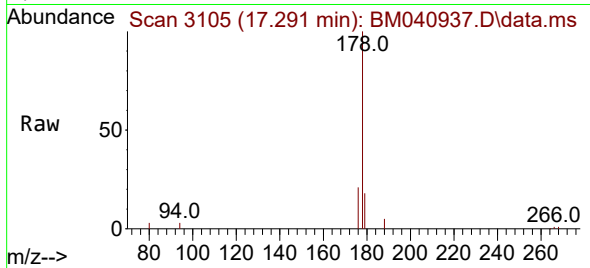




#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

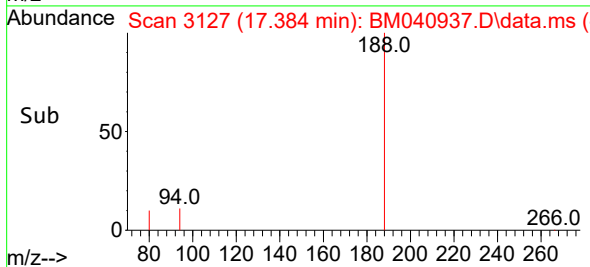
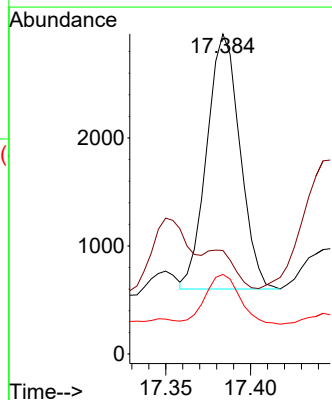
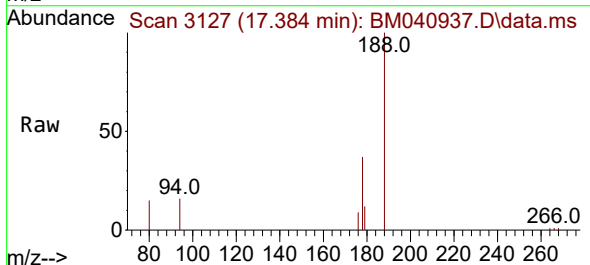
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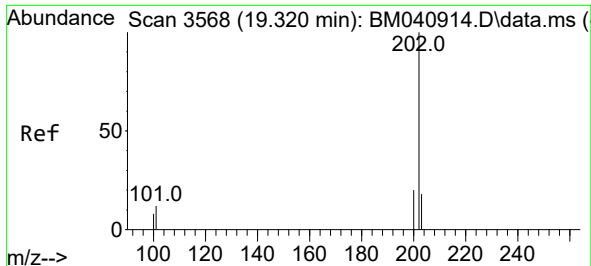
Tgt Ion:178 Resp: 22025
Ion Ratio Lower Upper
178 100
179 17.6 12.8 19.2
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

Tgt Ion:178 Resp: 3203
Ion Ratio Lower Upper
178 100
179 32.4 12.9 19.3#
176 24.9 15.8 23.6#

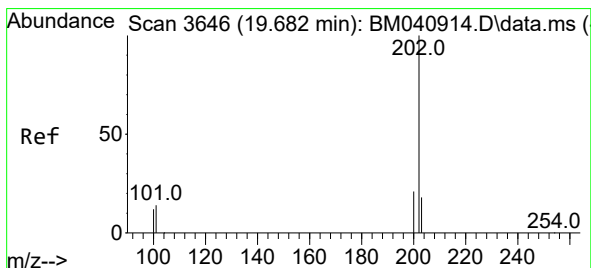
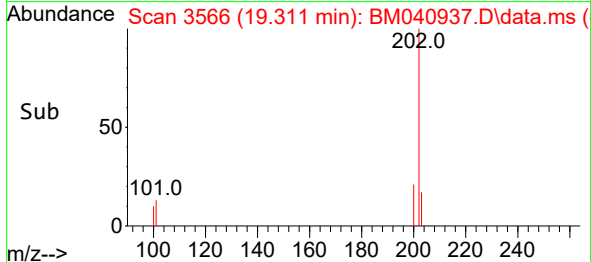
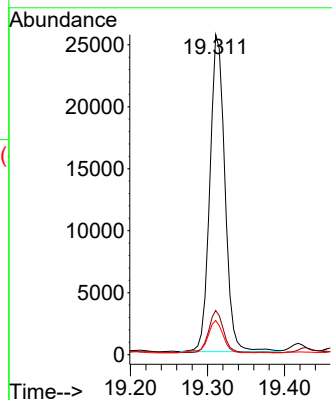
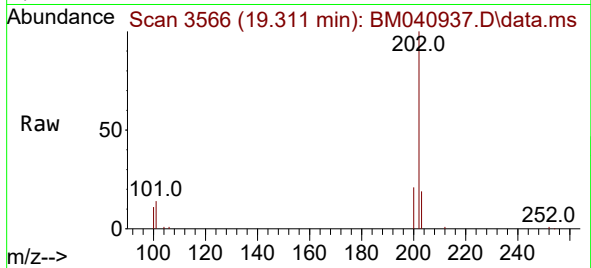




#19
Fluoranthene
Concen: 0.710 ng/ul
RT: 19.311 min Scan# 3566
Delta R.T. -0.014 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

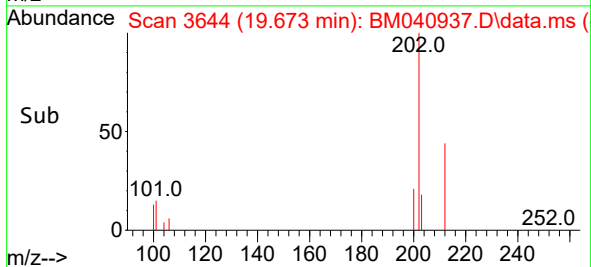
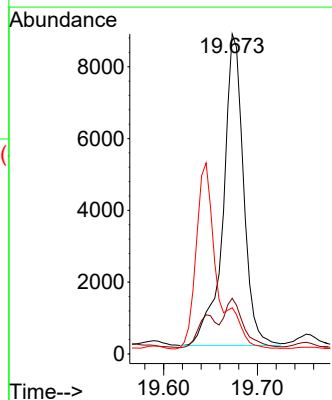
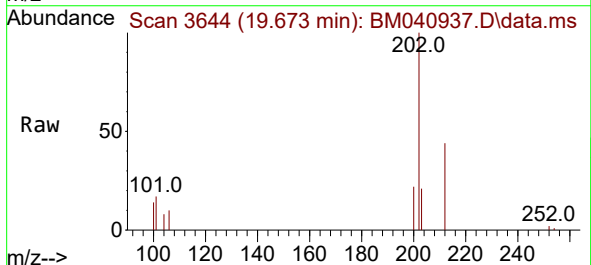
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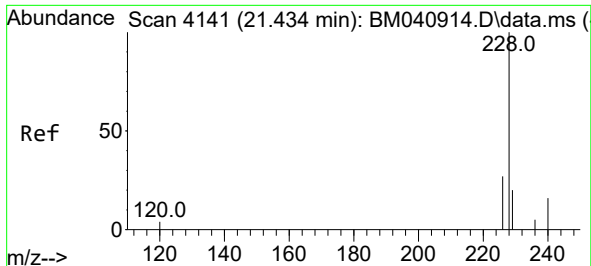
Tgt Ion:202 Resp: 34770
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.7 8.7 13.1



#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.014 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

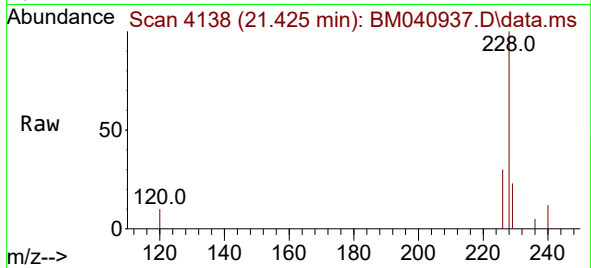
Tgt Ion:202 Resp: 13086
Ion Ratio Lower Upper
202 100
101 17.4 12.6 18.8
100 14.5 9.8 14.6



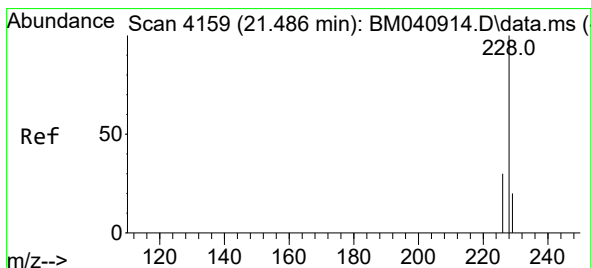
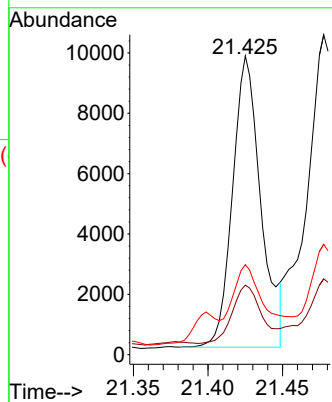
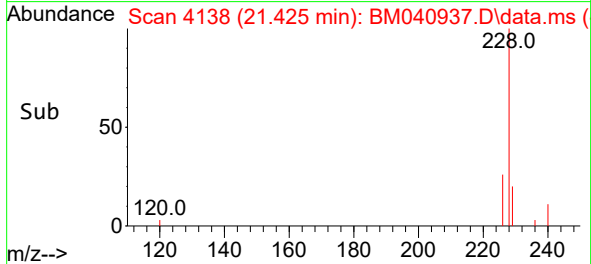


#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.425 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

Instrument :
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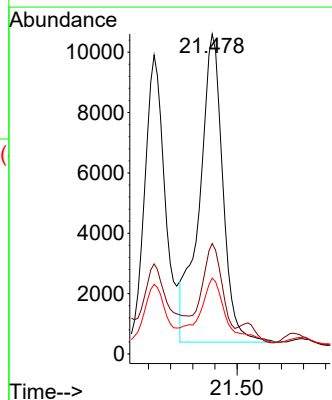
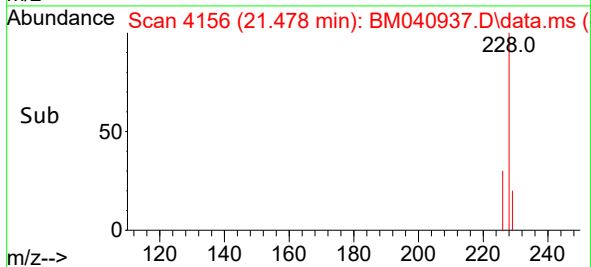
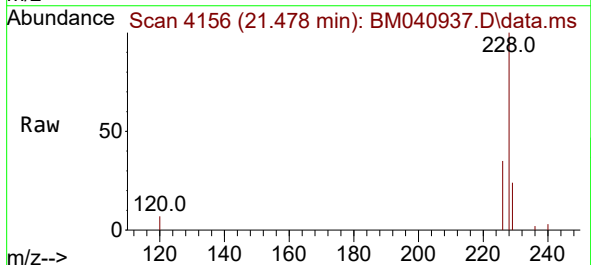


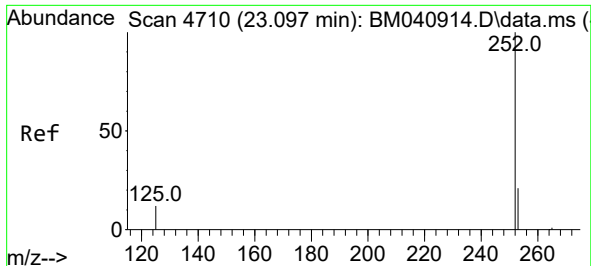
Tgt Ion:228 Resp: 12702
Ion Ratio Lower Upper
228 100
229 23.3 16.0 24.0
226 30.2 22.3 33.5



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.478 min Scan# 4156
Delta R.T. -0.009 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

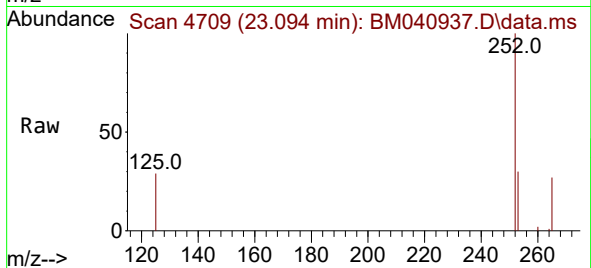
Tgt Ion:228 Resp: 14985
Ion Ratio Lower Upper
228 100
226 34.5 24.9 37.3
229 23.7 15.8 23.6#



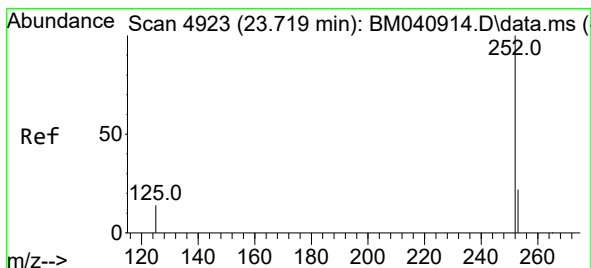
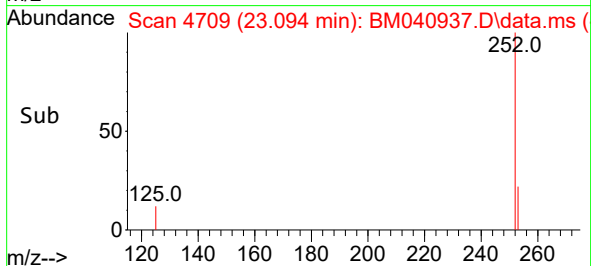
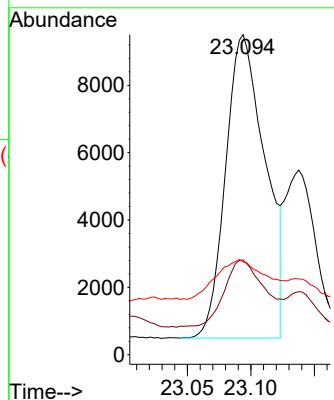


#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 23.094 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

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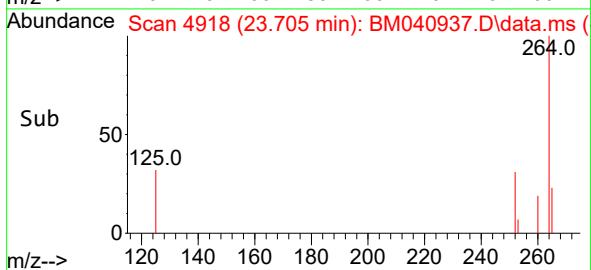
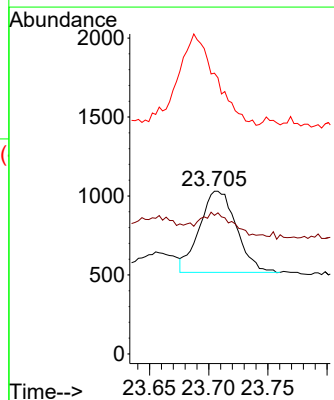
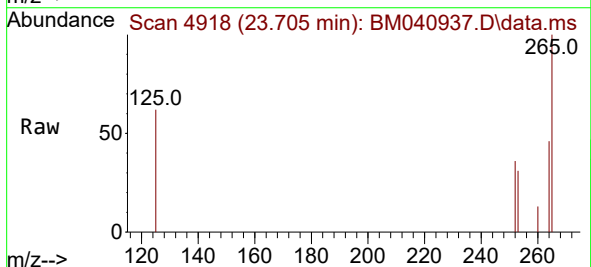


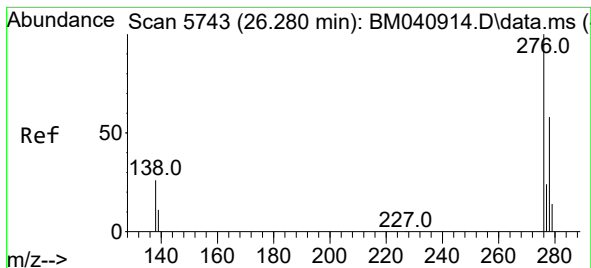
Tgt Ion:252 Resp: 19537
Ion Ratio Lower Upper
252 100
253 29.6 0.0 52.8
125 29.0 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.705 min Scan# 4918
Delta R.T. -0.017 min
Lab File: BM040937.D
Acq: 18 Jul 2023 00:21

Tgt Ion:252 Resp: 1121
Ion Ratio Lower Upper
252 100
253 85.1 22.9 34.3#
125 172.6 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/ul

RT: 26.267 min Scan# 5

Delta R.T. -0.023 min

Lab File: BM040937.D

Acq: 18 Jul 2023 00:21

Instrument :

BNA_M

ClientSampleId :

A46N2

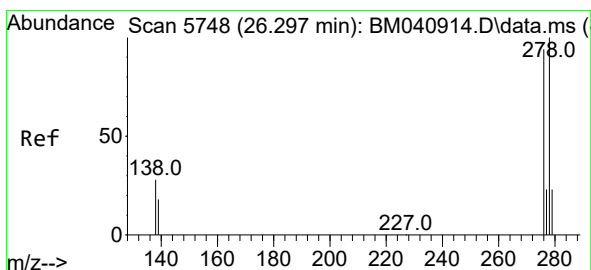
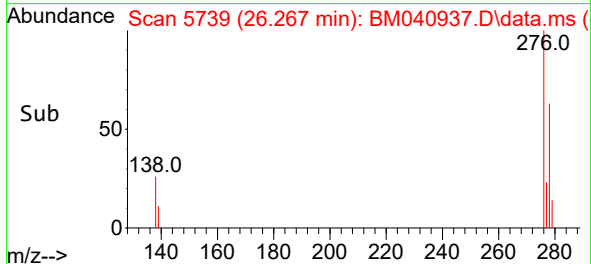
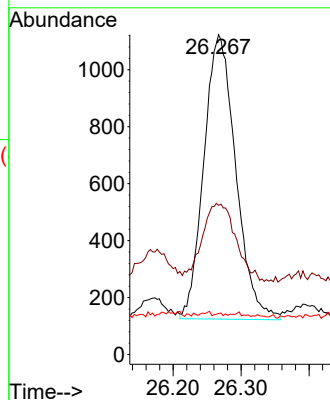
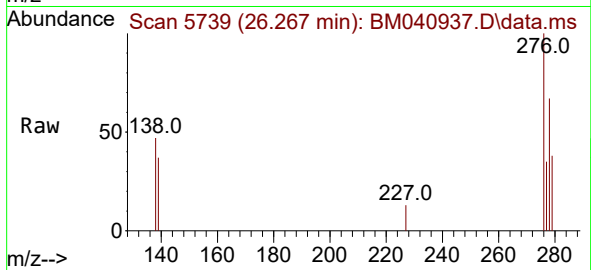
Tgt Ion:276 Resp: 3254

Ion Ratio Lower Upper

276 100

138 28.8 24.5 36.7

227 0.6 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 26.280 min Scan# 5743

Delta R.T. -0.027 min

Lab File: BM040937.D

Acq: 18 Jul 2023 00:21

Tgt Ion:278 Resp: 2630

Ion Ratio Lower Upper

278 100

139 49.9 17.9 26.9#

279 53.2 22.0 33.0#

