

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040936.D
 Acq On : 17 Jul 2023 23:44
 Operator : MA/JU
 Sample : 03458-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 18 02:48:25 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)

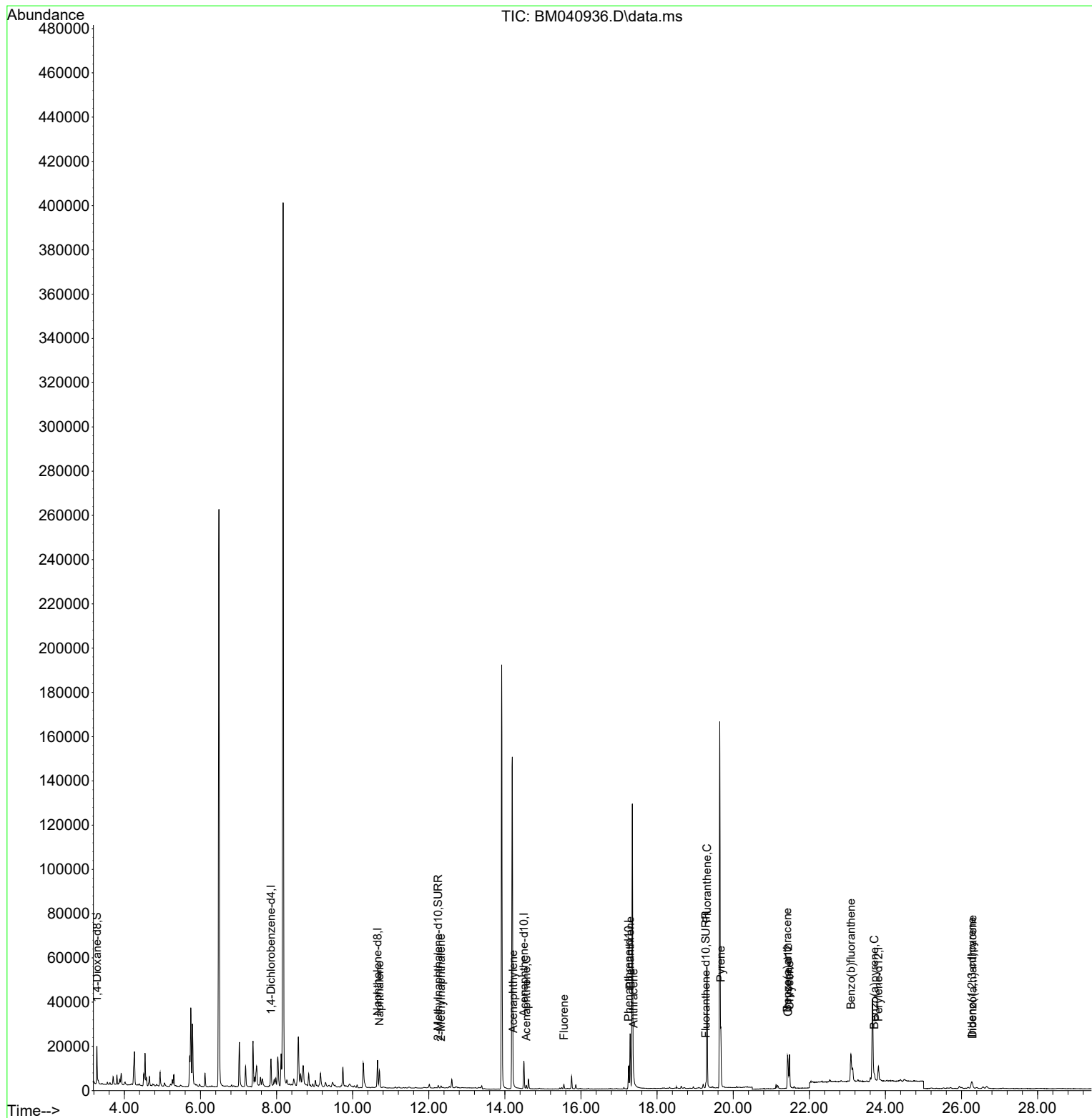
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	6209	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	16828	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.500	164	6953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	12095	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	8554	0.400	ng/ul	0.00
23) Perylene-d12	23.816	264	9068	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	9738	0.998	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	1749	0.074	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	2497	0.091	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	10789	0.232	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	770	0.028	ng/ul	97
10) Acenaphthylene	14.222	152	956	0.031	ng/ul#	68
11) Acenaphthene	14.564	153	865	0.033	ng/ul	96
12) Fluorene	15.550	166	1334	0.048	ng/ul#	95
15) Phenanthrene	17.291	178	26771	0.713	ng/ul	100
16) Anthracene	17.384	178	2836	0.090	ng/ul#	88
19) Fluoranthene	19.311	202	46168	1.271	ng/ul	98
20) Pyrene	19.673	202	21321	0.547	ng/ul	98
21) Benzo(a)anthracene	21.425	228	11758	0.406	ng/ul	98
22) Chrysene	21.477	228	15371	0.466	ng/ul	98
24) Benzo(b)fluoranthene	23.094	252	20589	0.587	ng/ul	98
26) Benzo(a)pyrene	23.708	252	2758	0.087	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.270	276	4843	0.110	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.287	278	2158	0.063	ng/ul#	57

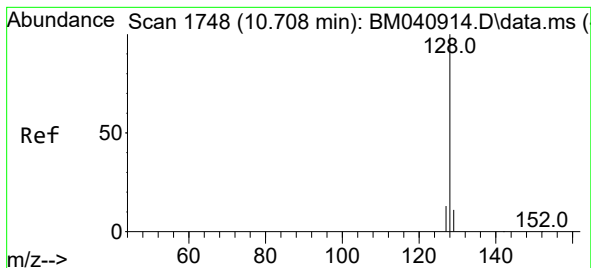
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.232 ng/ul

RT: 10.702 min Scan# 1

Delta R.T. -0.011 min

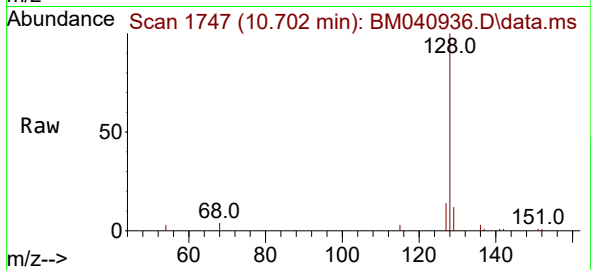
Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

Instrument :

BNA_P

ClientSampleId :



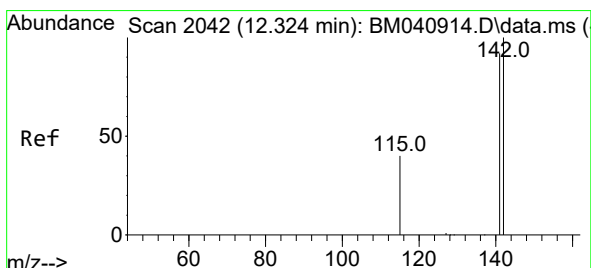
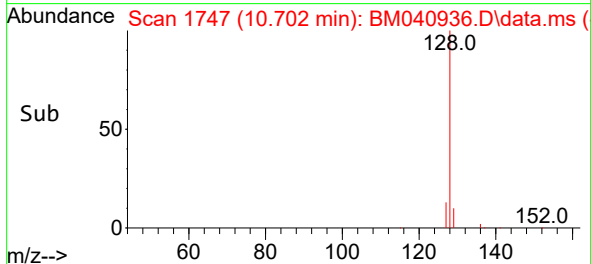
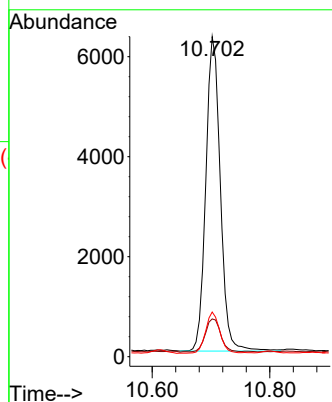
Tgt Ion:128 Resp: 10789

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 14.0 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.324 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BM040936.D

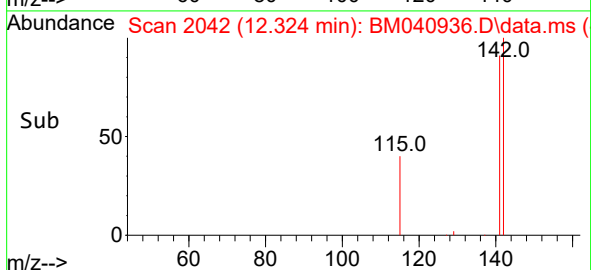
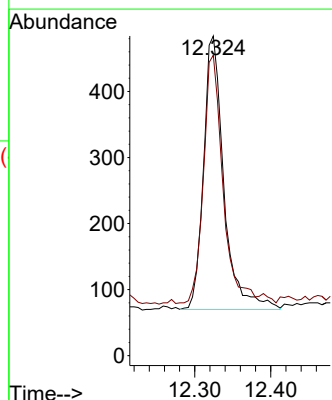
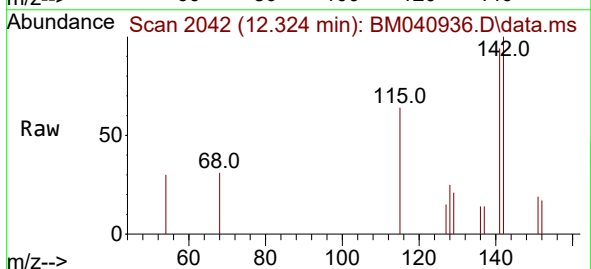
Acq: 17 Jul 2023 23:44

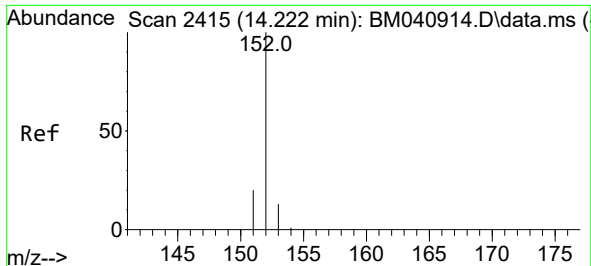
Tgt Ion:142 Resp: 770

Ion Ratio Lower Upper

142 100

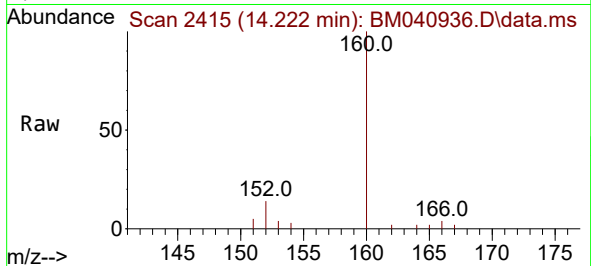
141 87.4 71.9 107.9



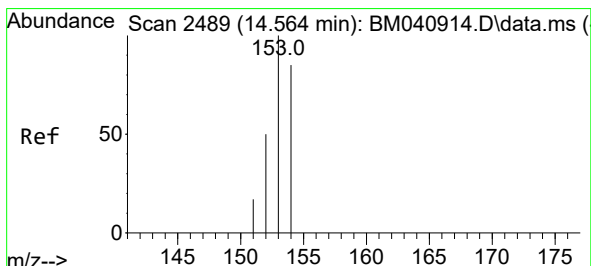
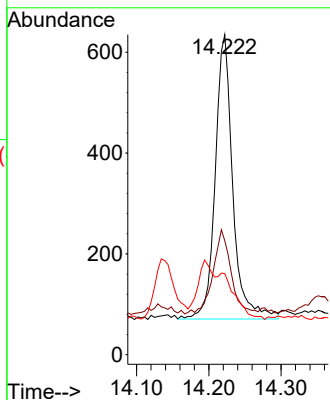
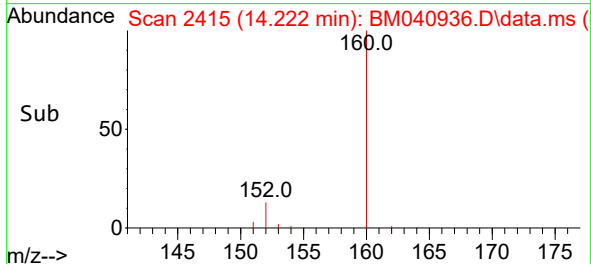


#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.009 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44

Instrument :
BNA_P
ClientSampleId :

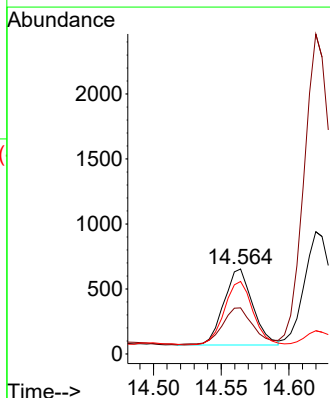
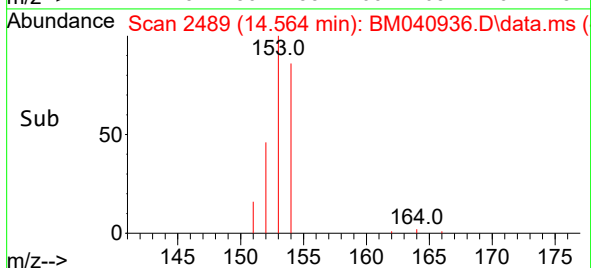
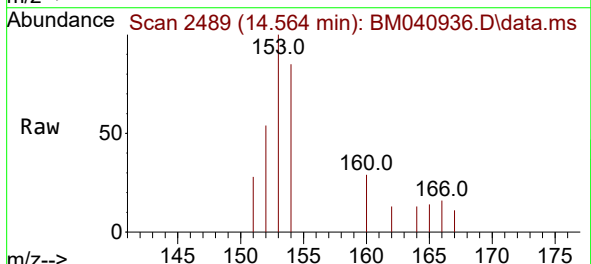


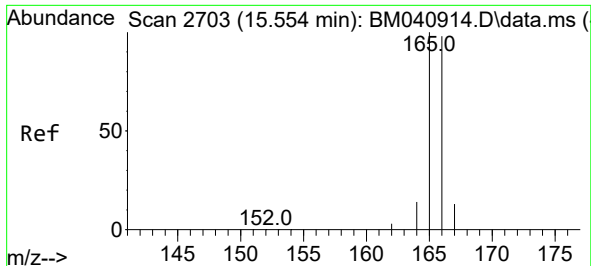
Tgt Ion:152 Resp: 956
Ion Ratio Lower Upper
152 100
151 35.6 16.2 24.2#
153 25.4 10.9 16.3#



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44

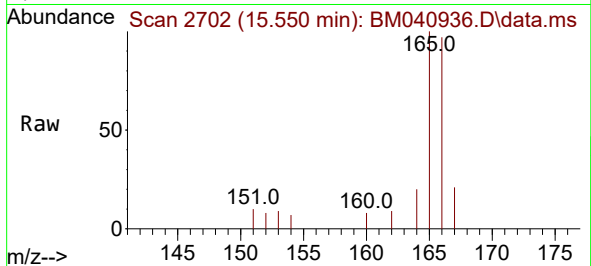
Tgt Ion:153 Resp: 865
Ion Ratio Lower Upper
153 100
152 54.1 41.0 61.4
154 85.3 70.8 106.2



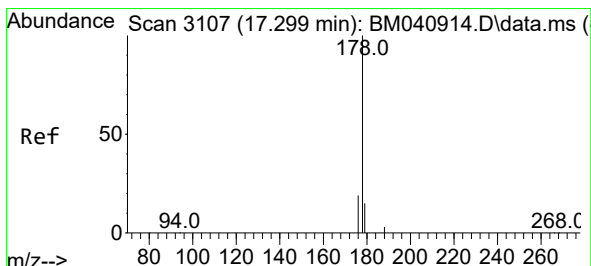
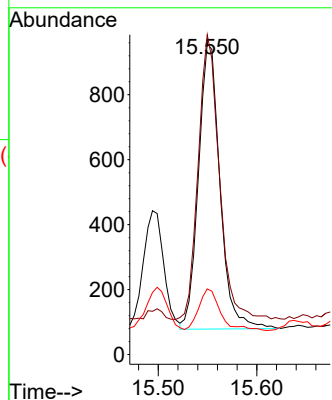
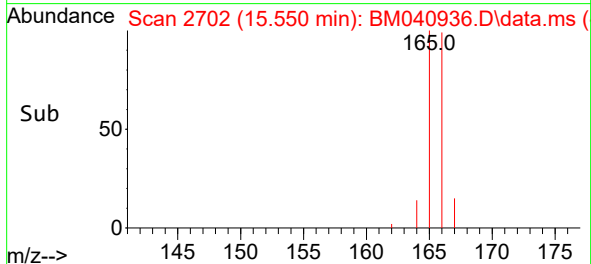


#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44

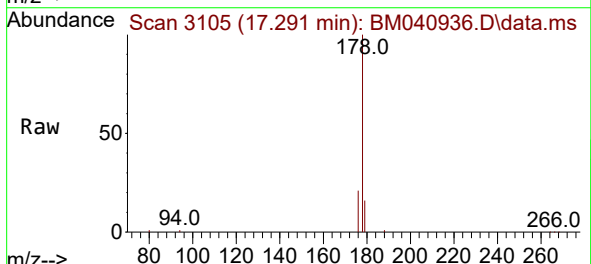
Instrument :
BNA_P
ClientSampleId :



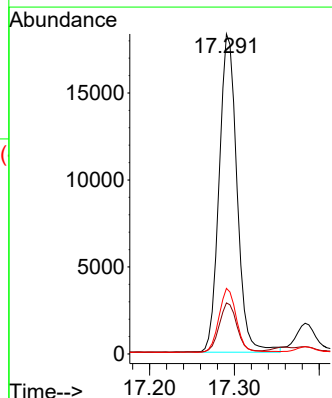
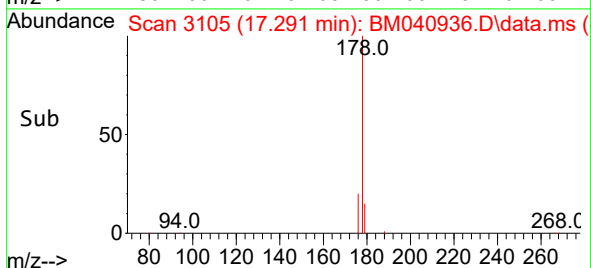
Tgt Ion:166 Resp: 1334
Ion Ratio Lower Upper
166 100
165 102.8 79.6 119.4
167 21.1 11.4 17.0#

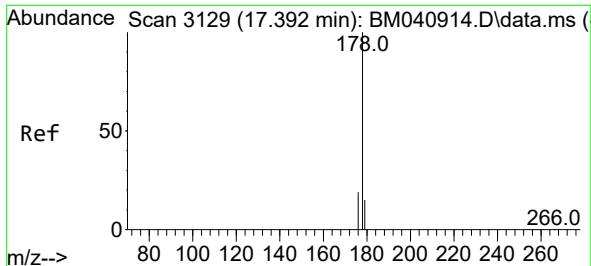


#15
Phenanthrene
Concen: 0.713 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44



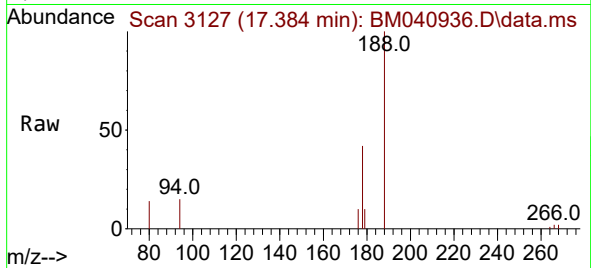
Tgt Ion:178 Resp: 26771
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.5 16.4 24.6



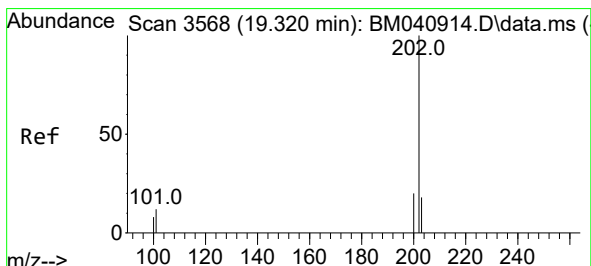
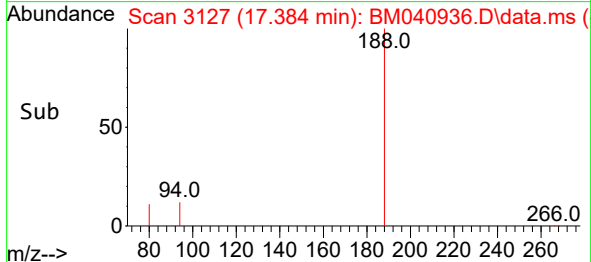
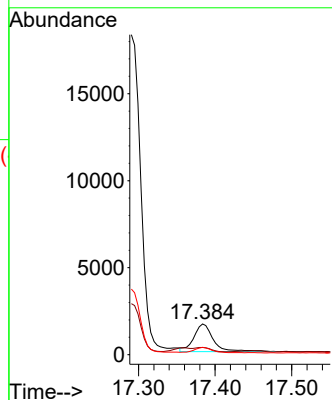


#16
 Anthracene
 Concen: 0.090 ng/ul
 RT: 17.384 min Scan# 3127
 Delta R.T. -0.013 min
 Lab File: BM040936.D
 Acq: 17 Jul 2023 23:44

Instrument :
 BNA_P
 ClientSampleId :

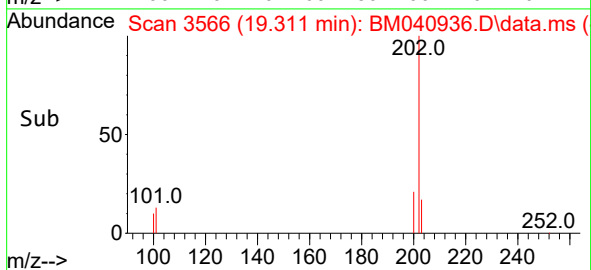
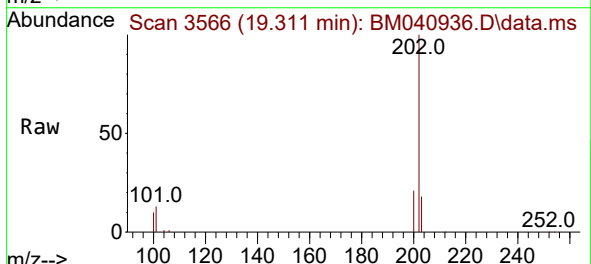
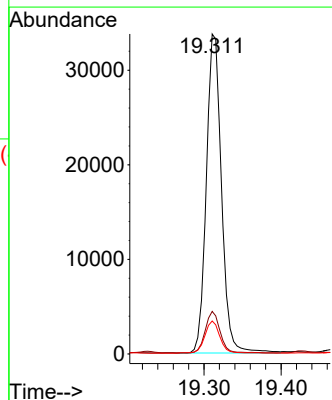


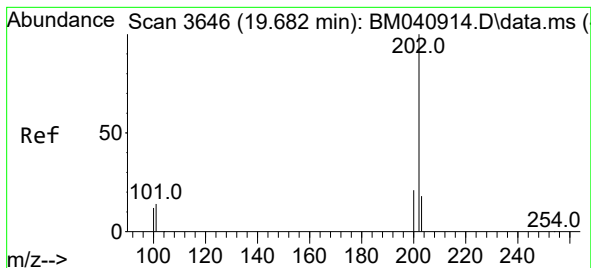
Tgt Ion:178 Resp: 2836
 Ion Ratio Lower Upper
 178 100
 179 23.3 12.9 19.3#
 176 23.7 15.8 23.6#



#19
 Fluoranthene
 Concen: 1.271 ng/ul
 RT: 19.311 min Scan# 3566
 Delta R.T. -0.014 min
 Lab File: BM040936.D
 Acq: 17 Jul 2023 23:44

Tgt Ion:202 Resp: 46168
 Ion Ratio Lower Upper
 202 100
 101 13.3 11.4 17.0
 100 10.3 8.7 13.1





#20

Pyrene

Concen: 0.547 ng/ul

RT: 19.673 min Scan# 30

Delta R.T. -0.014 min

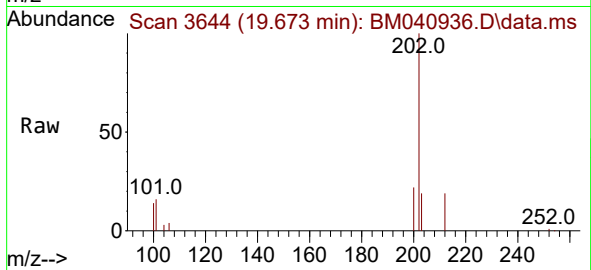
Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

Instrument :

BNA_P

ClientSampleId :



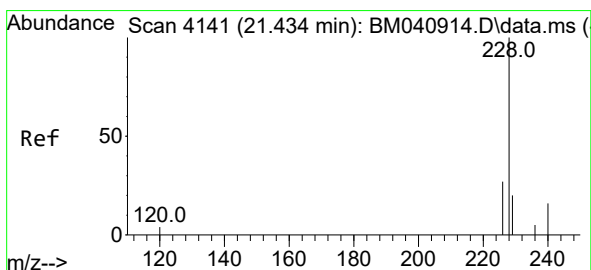
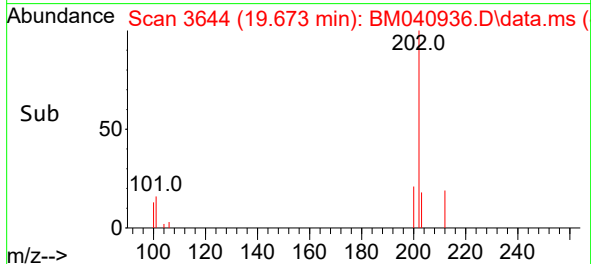
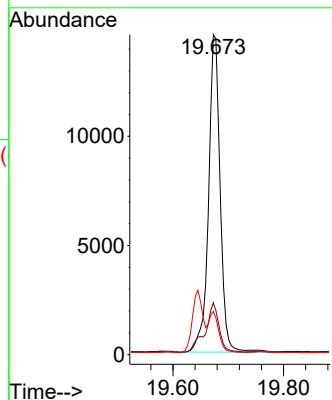
Tgt Ion:202 Resp: 21321

Ion Ratio Lower Upper

202 100

101 16.3 12.6 18.8

100 13.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.406 ng/ul

RT: 21.425 min Scan# 4138

Delta R.T. -0.009 min

Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

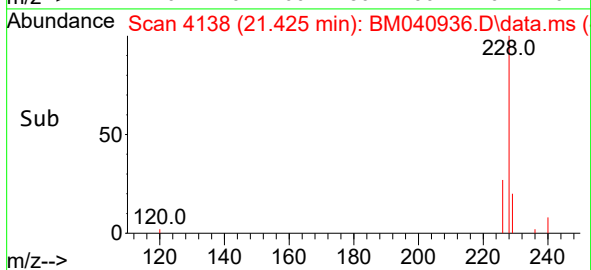
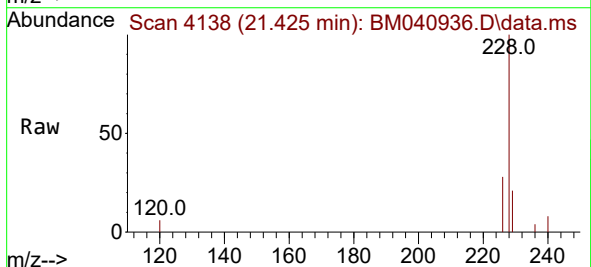
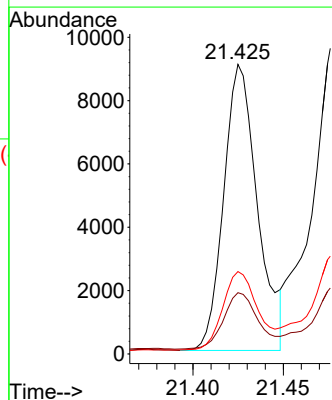
Tgt Ion:228 Resp: 11758

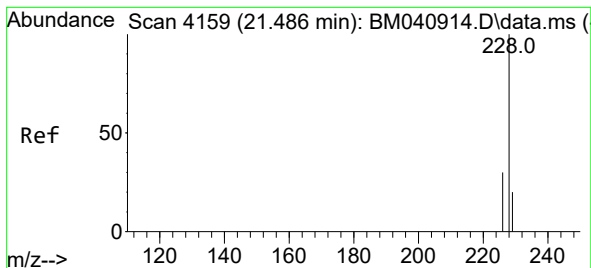
Ion Ratio Lower Upper

228 100

229 21.2 16.0 24.0

226 28.5 22.3 33.5





#22

Chrysene

Concen: 0.466 ng/ul

RT: 21.477 min Scan# 4156

Delta R.T. -0.009 min

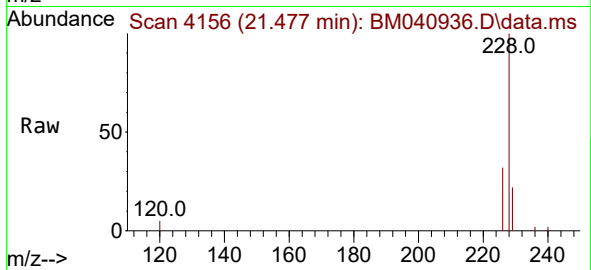
Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

Instrument :

BNA_P

ClientSampleId :



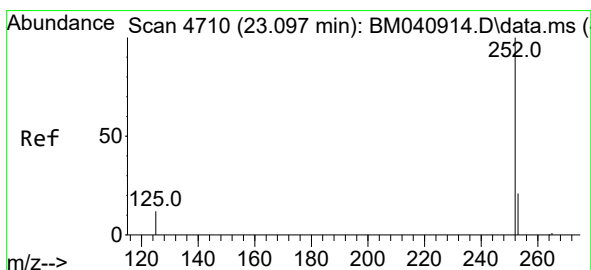
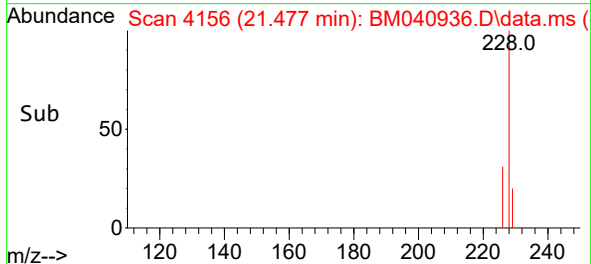
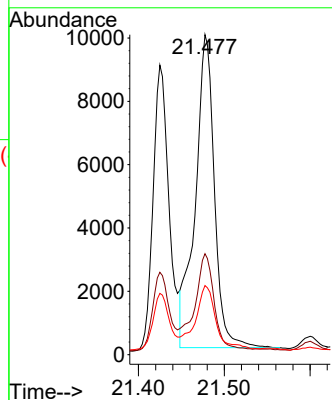
Tgt Ion:228 Resp: 15371

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 21.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.587 ng/ul

RT: 23.094 min Scan# 4709

Delta R.T. -0.009 min

Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

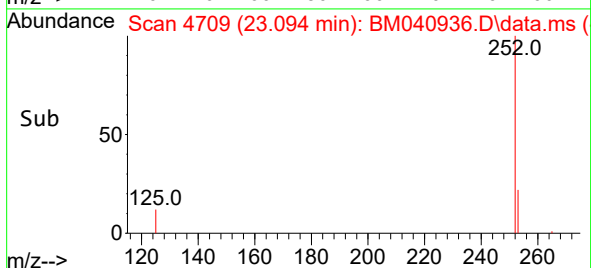
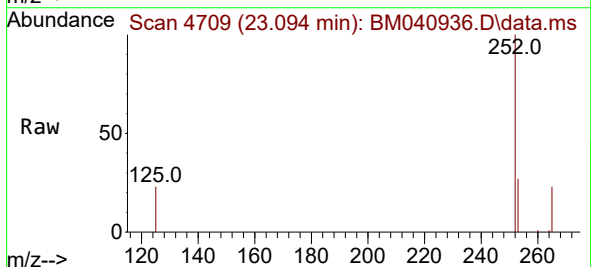
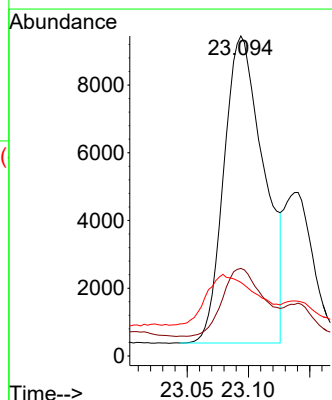
Tgt Ion:252 Resp: 20589

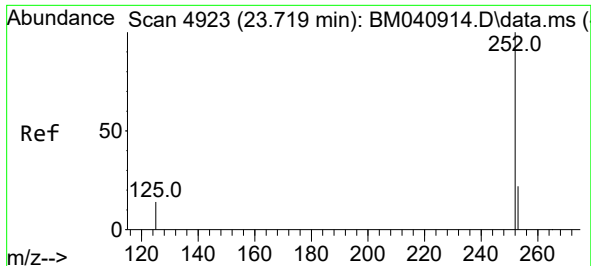
Ion Ratio Lower Upper

252 100

253 27.4 0.0 52.8

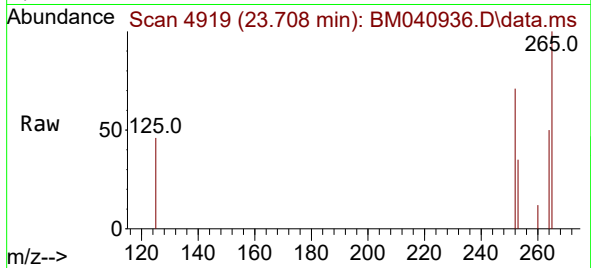
125 23.0 0.0 43.0



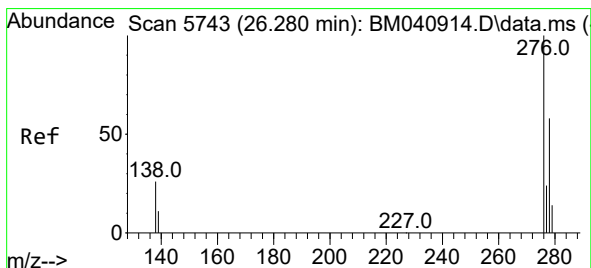
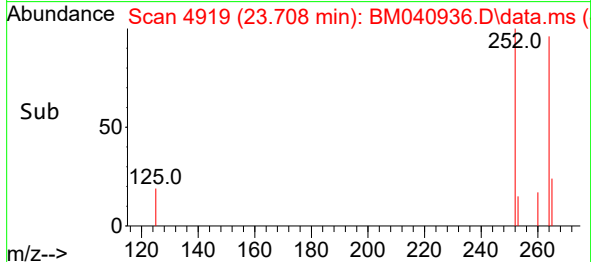
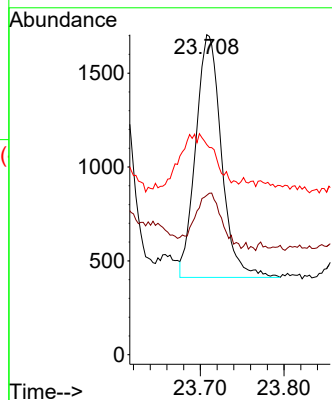


#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.708 min Scan# 4919
Delta R.T. -0.015 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44

Instrument :
BNA_P
ClientSampleId :

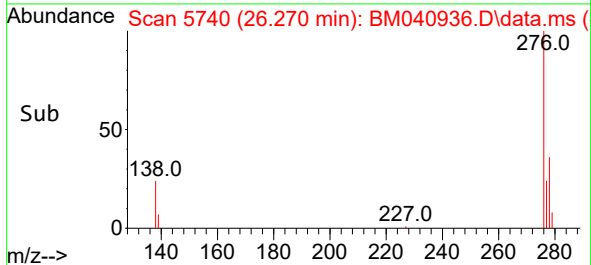
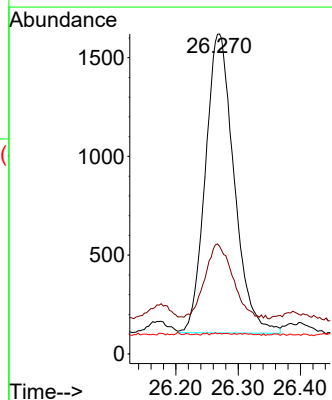
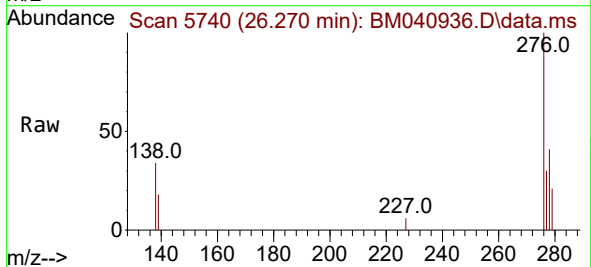


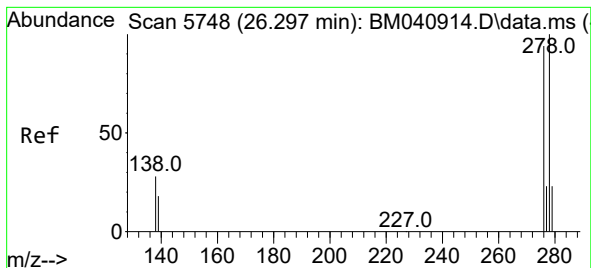
Tgt Ion:252 Resp: 2758
Ion Ratio Lower Upper
252 100
253 49.8 22.9 34.3#
125 65.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.270 min Scan# 5740
Delta R.T. -0.020 min
Lab File: BM040936.D
Acq: 17 Jul 2023 23:44

Tgt Ion:276 Resp: 4843
Ion Ratio Lower Upper
276 100
138 25.8 24.5 36.7
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.063 ng/ul

RT: 26.287 min Scan# 51

Delta R.T. -0.020 min

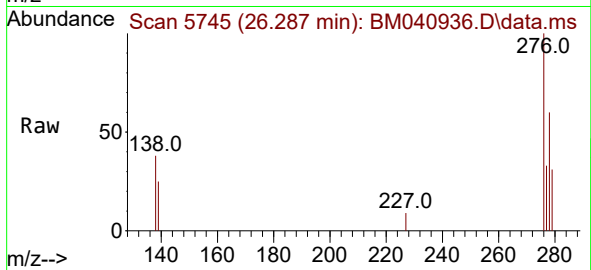
Lab File: BM040936.D

Acq: 17 Jul 2023 23:44

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:278 Resp: 2158

Ion Ratio Lower Upper

278 100

139 40.9 17.9 26.9#

279 52.2 22.0 33.0#

