

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039890.D
 Acq On : 09 May 2023 12:51
 Operator : CG/JU
 Sample : 02479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Quant Time: May 10 00:26:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 12:11:48 2023
 Response via : Initial Calibration

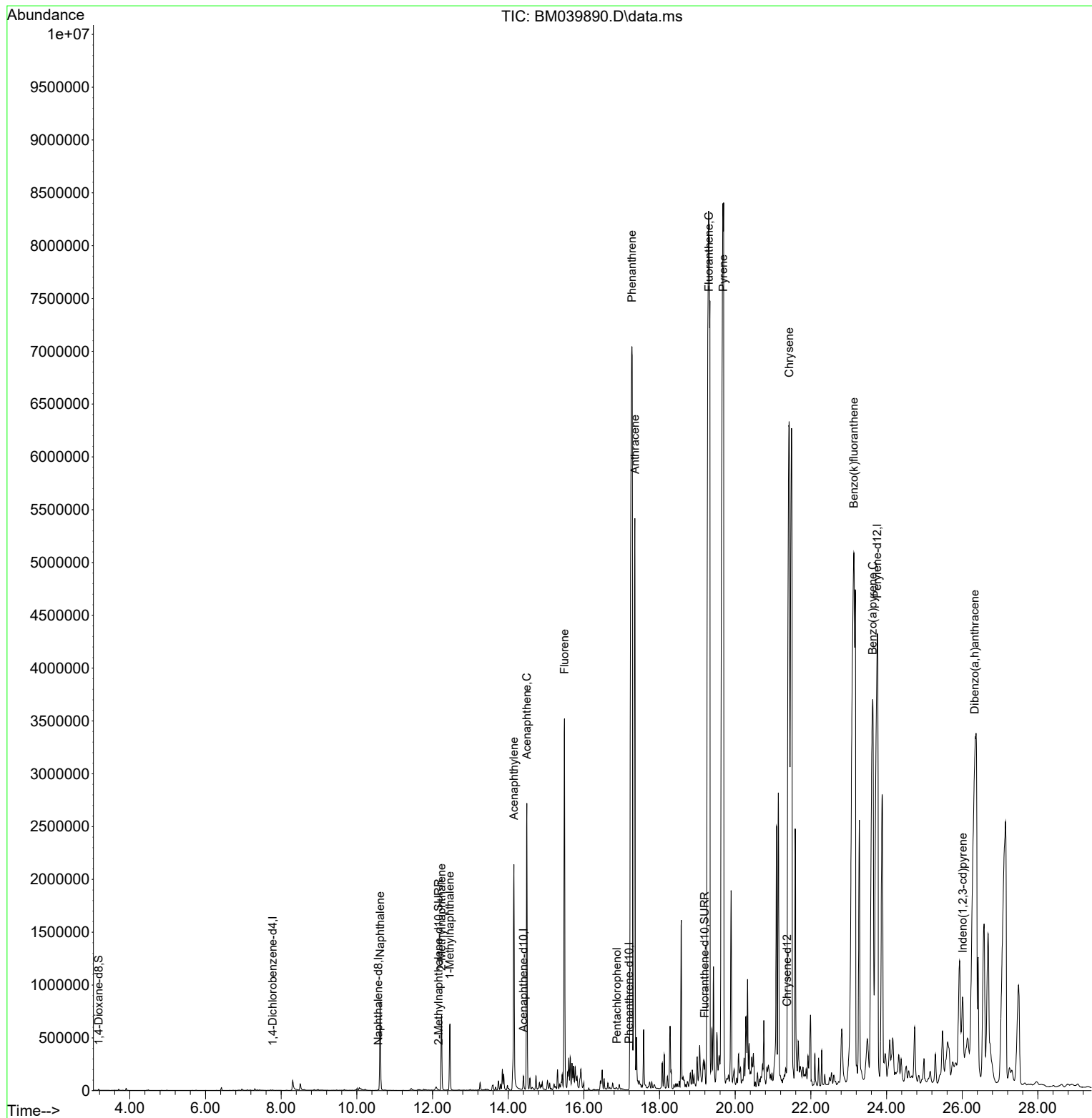
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2835	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.568	136	8879	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.404	164	4123	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	17.196	188	7942	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.367	240	17297	0.400	ng/ul	#-0.03
23) Perylene-d12	23.752	264	10311	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	6260	1.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	1951	0.171	ng/ul	-0.03
18) Fluoranthene-d10	19.192	212	21667	0.466	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.617	128	1162906	52.157	ng/ul	97
7) 2-Methylnaphthalene	12.239	142	510783	39.693	ng/ul	96
8) 1-Methylnaphthalene	12.459	142	437451	31.690	ng/ul	99
10) Acenaphthylene	14.150	152	2656345	166.456	ng/ul	99
11) Acenaphthene	14.492	153	1509252	120.405	ng/ul	97
12) Fluorene	15.487	166	2340713	168.310	ng/ul	95
14) Pentachlorophenol	16.875	266	840	0.485	ng/ul#	82
15) Phenanthrene	17.272	178	17847580	852.986	ng/ul	98
16) Anthracene	17.348	178	6468855	360.056	ng/ul	98
19) Fluoranthene	19.304	202	16839200	272.882	ng/ul#	94
20) Pyrene	19.680	202	19201922	288.147	ng/ul#	94
22) Chrysene	21.426	228	13609727	241.822	ng/ul#	93
25) Benzo(k)fluoranthene	23.135	252	16121100	437.228	ng/ul#	95
26) Benzo(a)pyrene	23.635	252	9561611	294.097	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.013	276	1672736	40.689	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.328	278	2755912	86.371	ng/ul	97

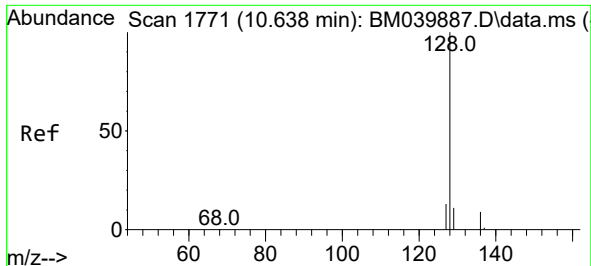
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW946

Quant Time: May 10 00:26:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration

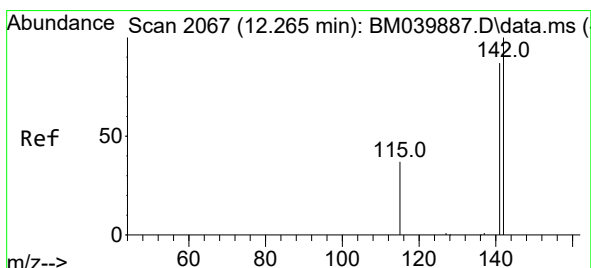
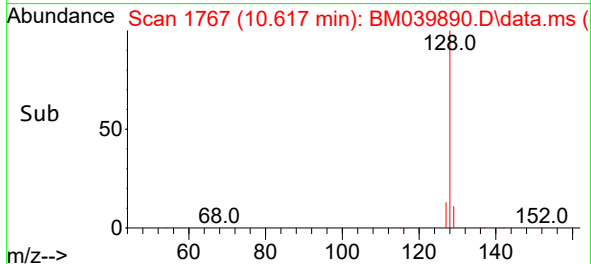
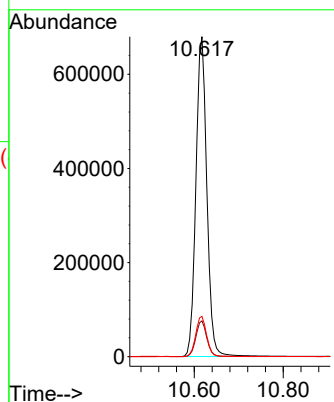
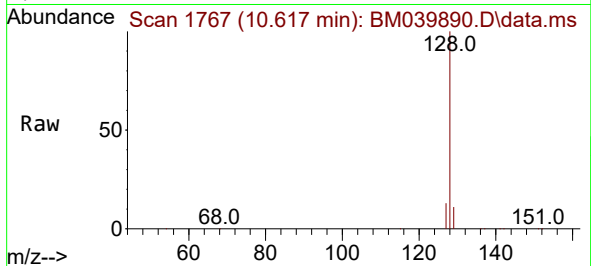




#5
Naphthalene
Concen: 52.157 ng/ul
RT: 10.617 min Scan# 1767
Delta R.T. -0.021 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

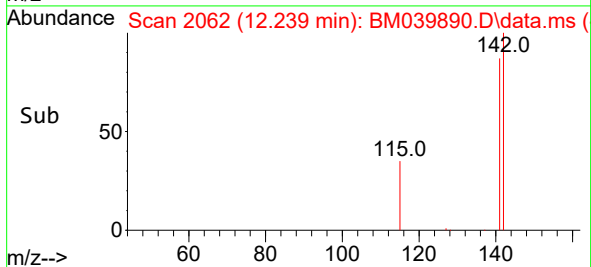
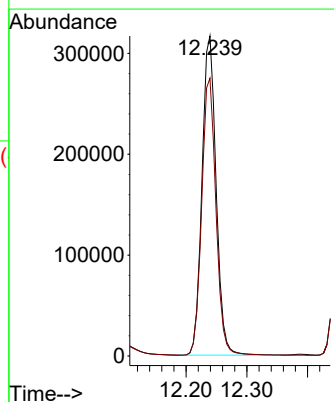
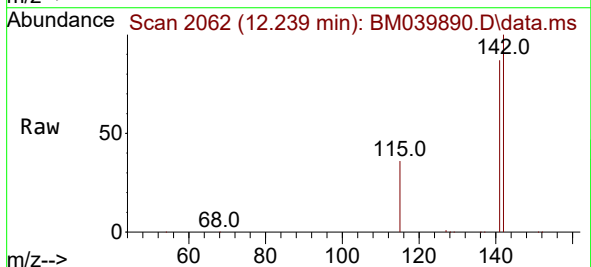
Instrument :
BNA_M
ClientSampleId :
EW946

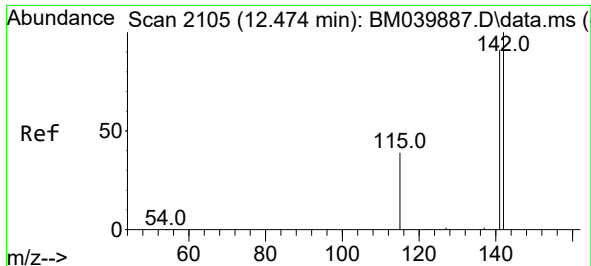
Tgt Ion:128 Resp: 1162906
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 12.6 11.1 16.7



#7
2-Methylnaphthalene
Concen: 39.693 ng/ul
RT: 12.239 min Scan# 2062
Delta R.T. -0.026 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

Tgt Ion:142 Resp: 510783
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8

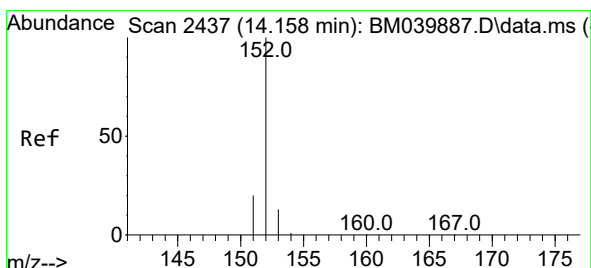
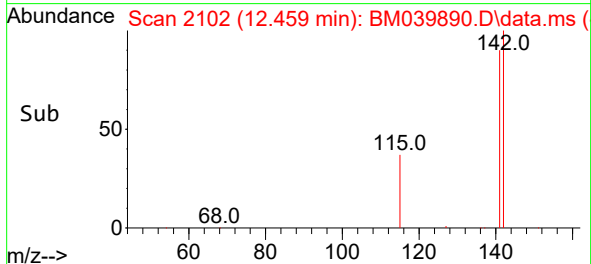
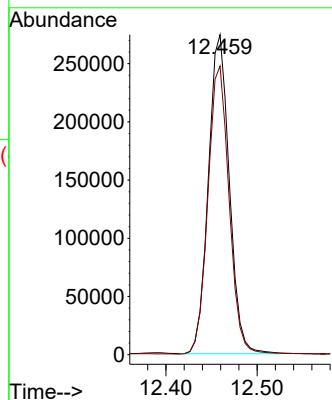
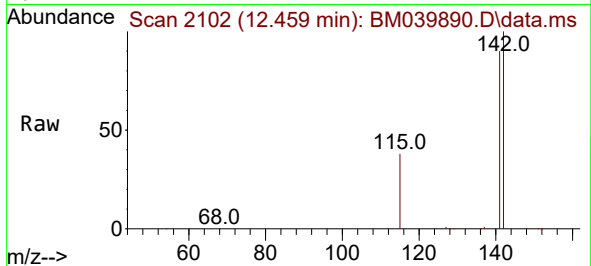




#8
1-Methylnaphthalene
Concen: 31.690 ng/ul
RT: 12.459 min Scan# 2105
Delta R.T. -0.015 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

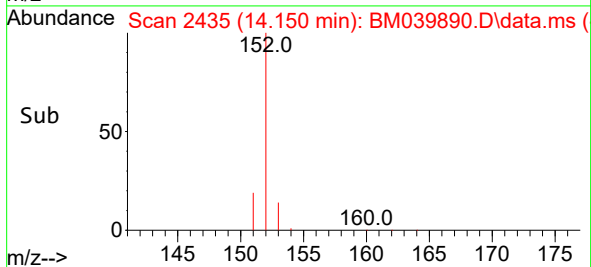
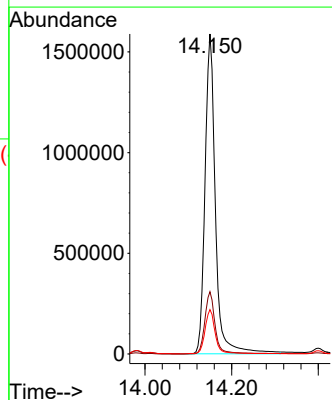
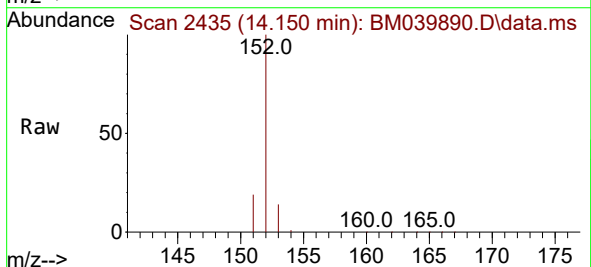
Instrument :
BNA_M
ClientSampleId :
EW946

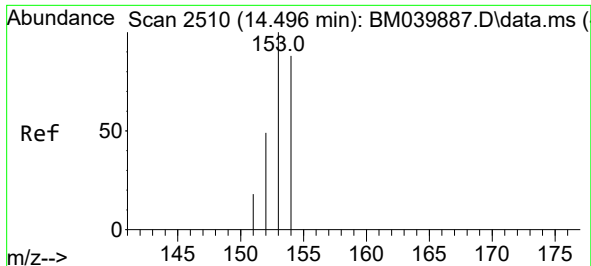
Tgt Ion:142 Resp: 437451
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2



#10
Acenaphthylene
Concen: 166.456 ng/ul
RT: 14.150 min Scan# 2435
Delta R.T. -0.008 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

Tgt Ion:152 Resp: 2656345
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.9 11.2 16.8

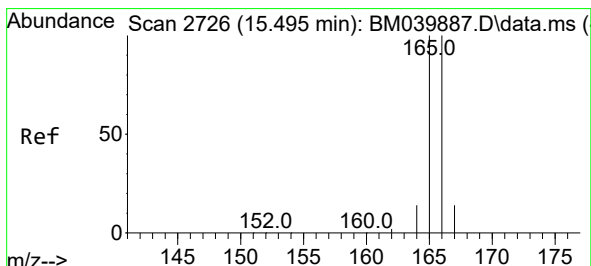
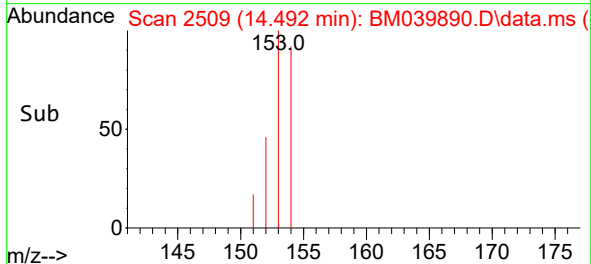
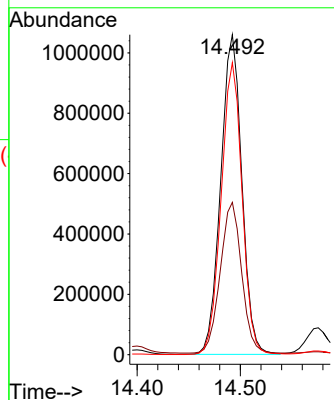
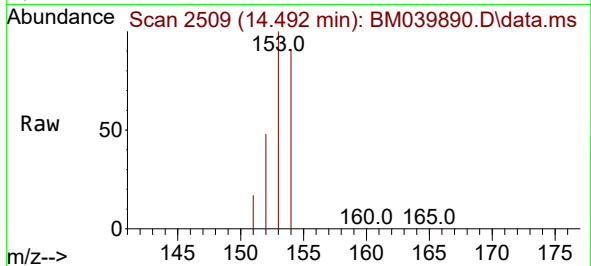




#11
Acenaphthene
Concen: 120.405 ng/ul
RT: 14.492 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

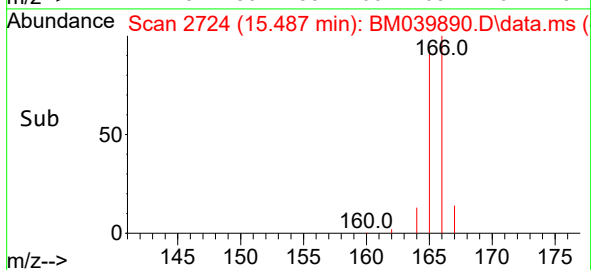
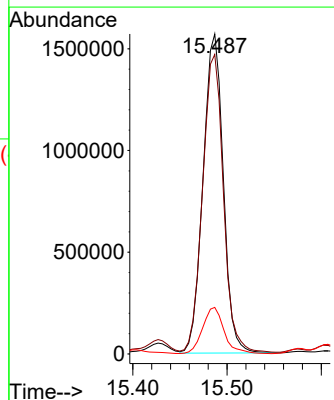
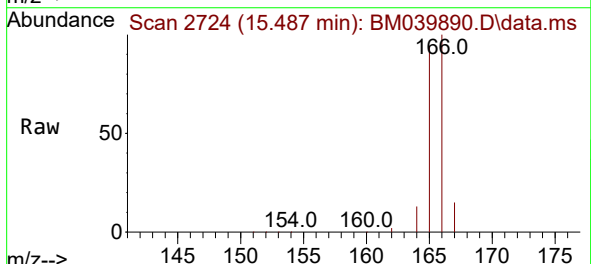
Instrument :
BNA_M
ClientSampleId :
EW946

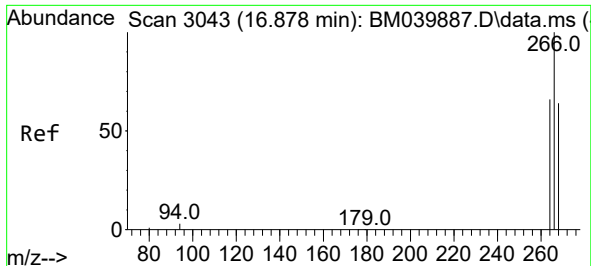
Tgt Ion:153 Resp: 1509252
Ion Ratio Lower Upper
153 100
152 47.6 40.6 61.0
154 91.3 71.9 107.9



#12
Fluorene
Concen: 168.310 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

Tgt Ion:166 Resp: 2340713
Ion Ratio Lower Upper
166 100
165 93.6 79.0 118.6
167 14.6 11.8 17.6

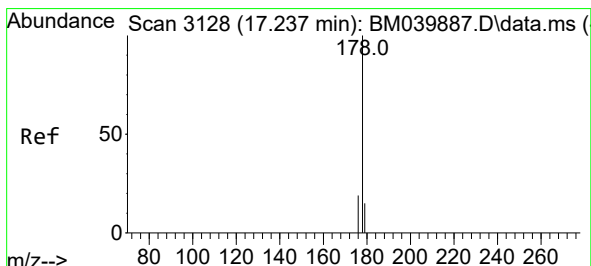
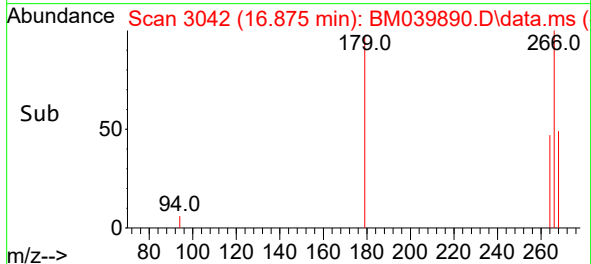
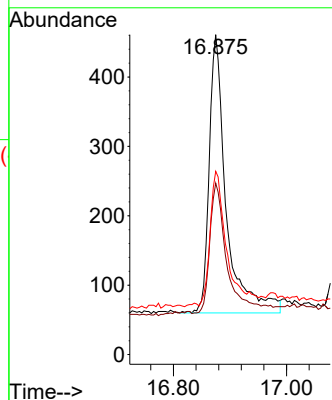
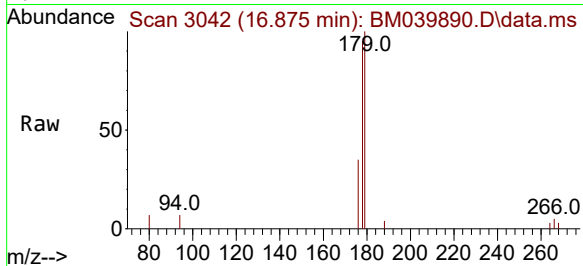




#14
 Pentachlorophenol
 Concen: 0.485 ng/ul
 RT: 16.875 min Scan# 3043
 Delta R.T. -0.003 min
 Lab File: BM039890.D
 Acq: 09 May 2023 12:51

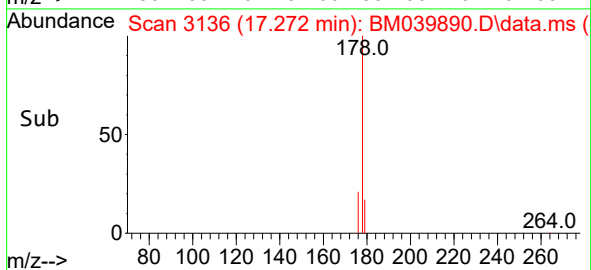
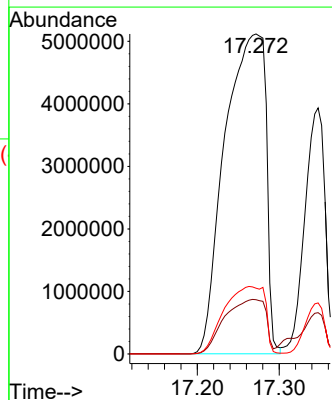
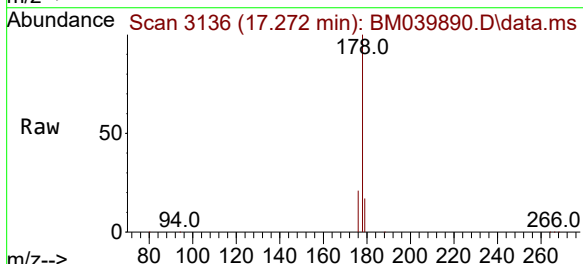
Instrument :
 BNA_M
 ClientSampleId :
 EW946

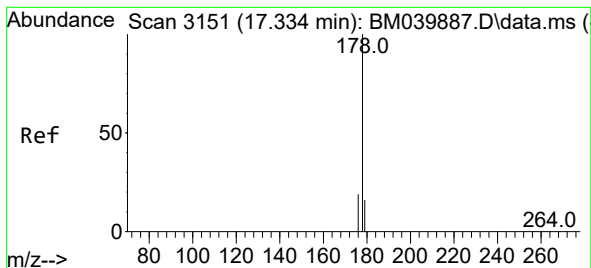
Tgt Ion:266 Resp: 840
 Ion Ratio Lower Upper
 266 100
 264 47.7 48.8 73.2#
 268 48.5 50.4 75.6#



#15
 Phenanthrene
 Concen: 852.986 ng/ul
 RT: 17.272 min Scan# 3136
 Delta R.T. 0.035 min
 Lab File: BM039890.D
 Acq: 09 May 2023 12:51

Tgt Ion:178 Resp:17847580
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.0 19.6
 176 20.6 15.8 23.8





#16

Anthracene

Concen: 360.056 ng/ul

RT: 17.348 min Scan# 3151

Delta R.T. 0.014 min

Lab File: BM039890.D

Acq: 09 May 2023 12:51

Instrument :

BNA_M

ClientSampleId :

EW946

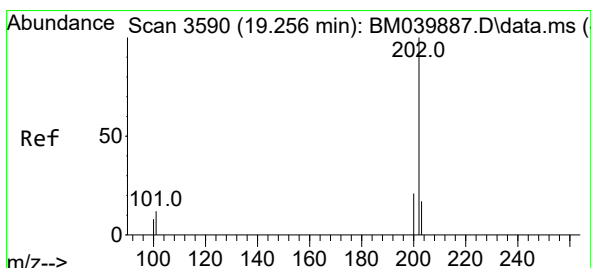
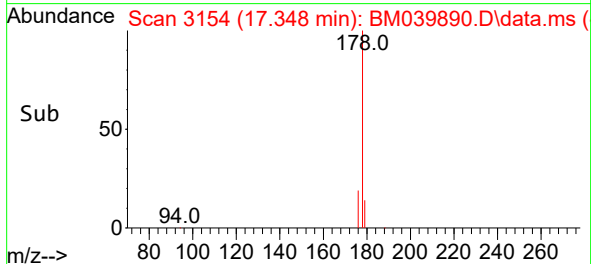
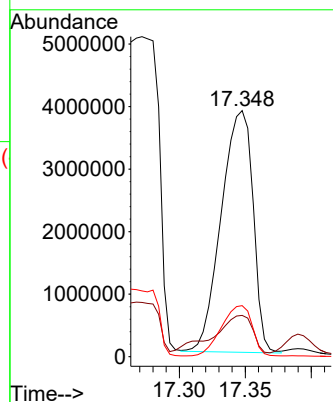
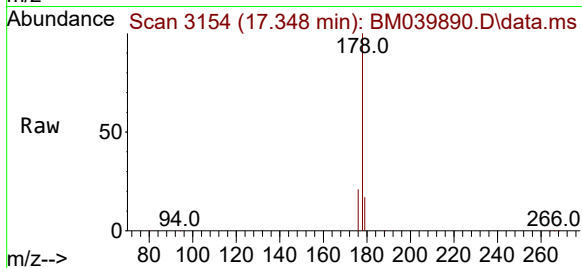
Tgt Ion:178 Resp: 6468855

Ion Ratio Lower Upper

178 100

179 16.8 13.8 20.6

176 20.8 15.8 23.8



#19

Fluoranthene

Concen: 272.882 ng/ul

RT: 19.304 min Scan# 3600

Delta R.T. 0.048 min

Lab File: BM039890.D

Acq: 09 May 2023 12:51

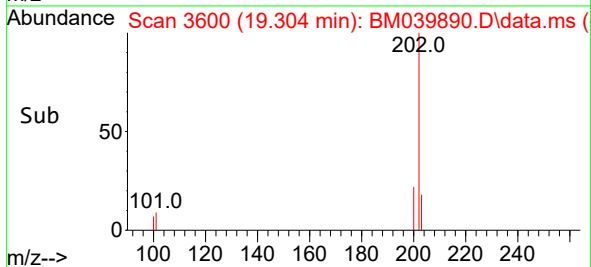
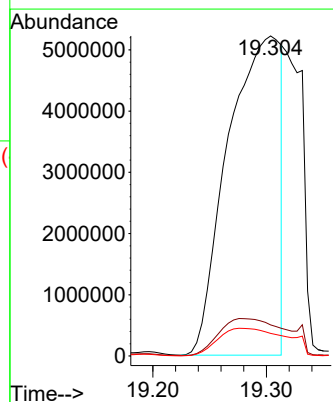
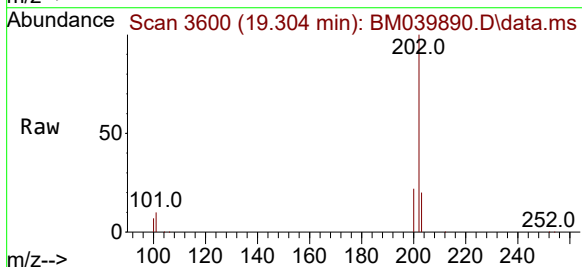
Tgt Ion:202 Resp:16839200

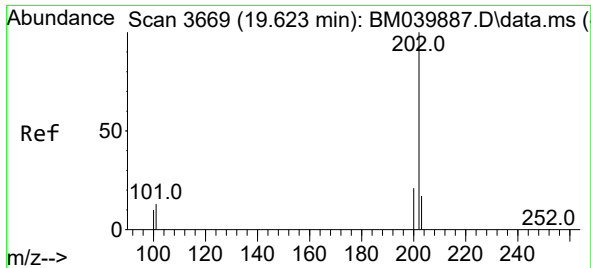
Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

100 7.0 7.3 10.9#

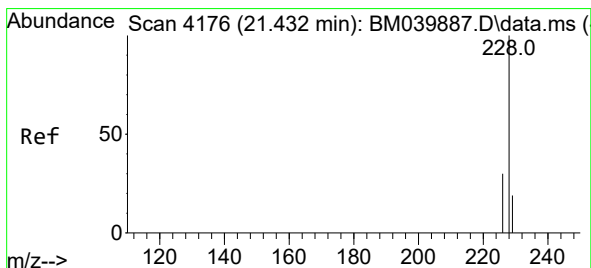
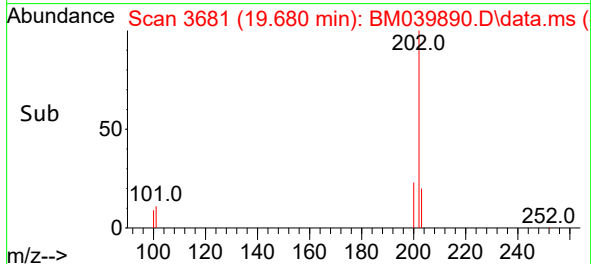
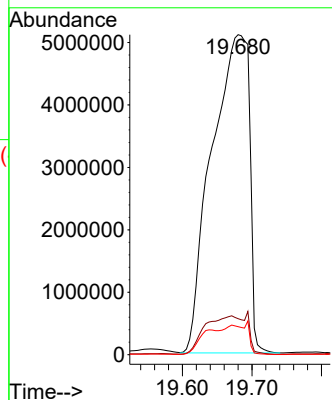
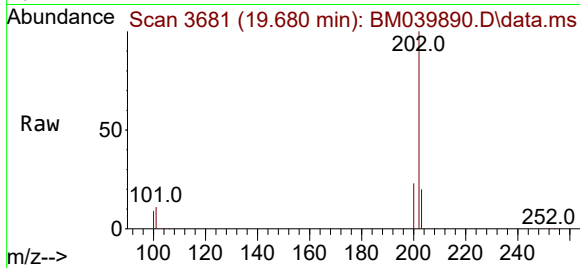




#20
Pyrene
Concen: 288.147 ng/ul
RT: 19.680 min Scan# 3681
Delta R.T. 0.057 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

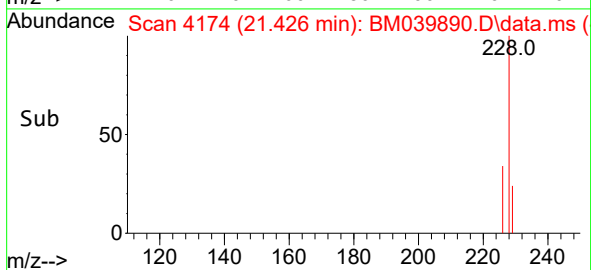
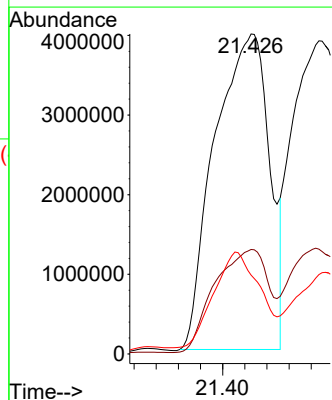
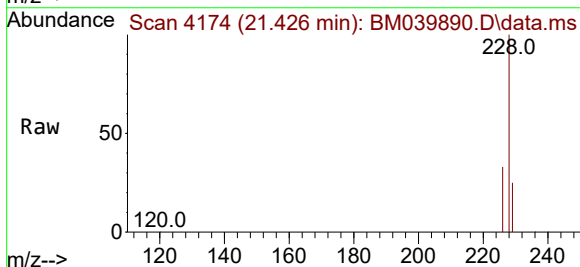
Instrument :
BNA_M
ClientSampleId :
EW946

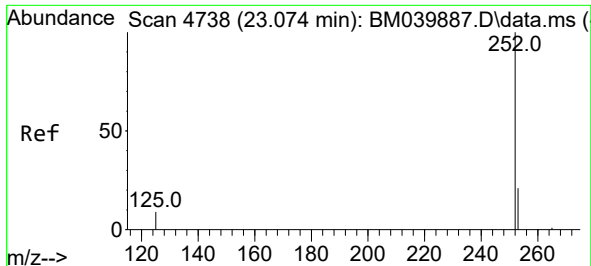
Tgt Ion:202 Resp:19201922
Ion Ratio Lower Upper
202 100
101 11.3 10.9 16.3
100 8.8 8.9 13.3#



#22
Chrysene
Concen: 241.822 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

Tgt Ion:228 Resp:13609727
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 24.7 15.9 23.9#

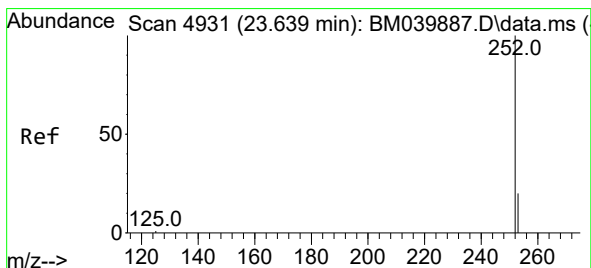
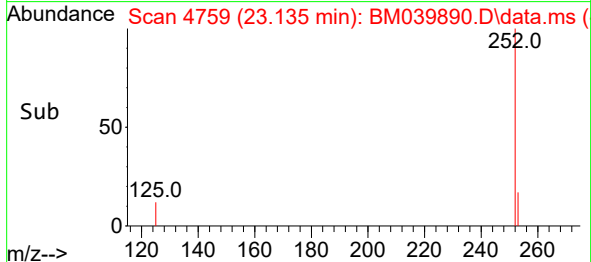
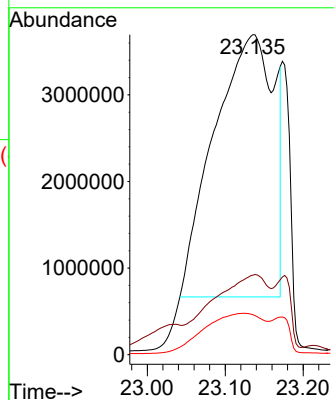
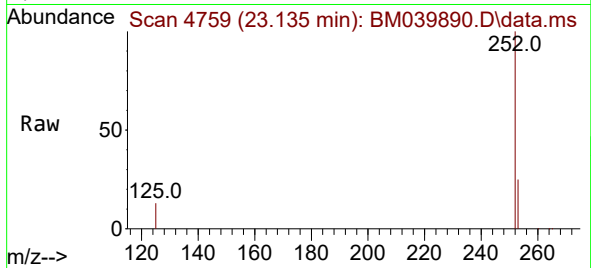




#25
Benzo(k)fluoranthene
Concen: 437.228 ng/ul
RT: 23.135 min Scan# 4759
Delta R.T. 0.061 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

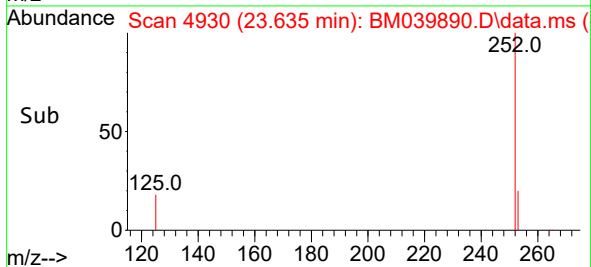
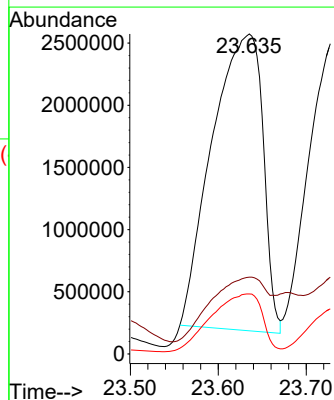
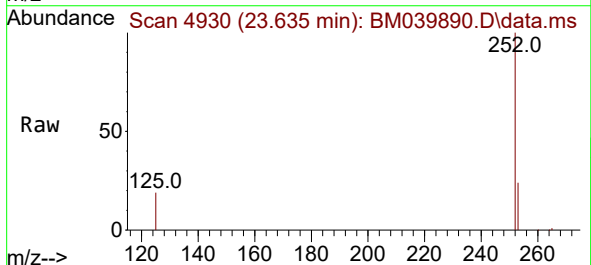
Instrument :
BNA_M
ClientSampleId :
EW946

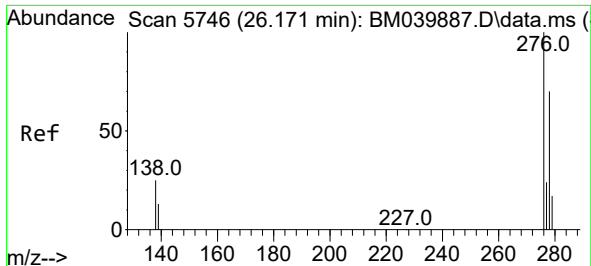
Tgt Ion:252 Resp:16121100
Ion Ratio Lower Upper
252 100
253 24.9 21.3 31.9
125 12.5 13.0 19.6#



#26
Benzo(a)pyrene
Concen: 294.097 ng/ul
RT: 23.635 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM039890.D
Acq: 09 May 2023 12:51

Tgt Ion:252 Resp: 9561611
Ion Ratio Lower Upper
252 100
253 24.0 24.7 37.1#
125 18.8 16.5 24.7

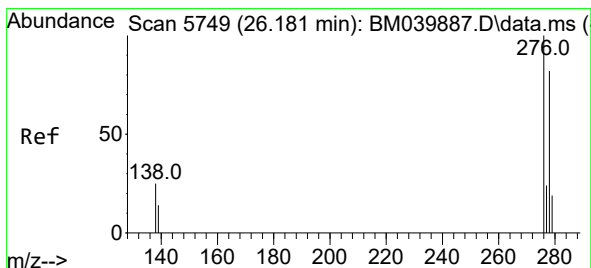
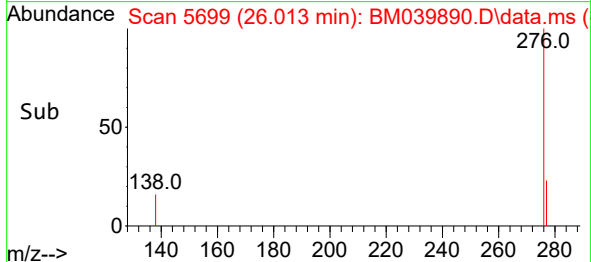
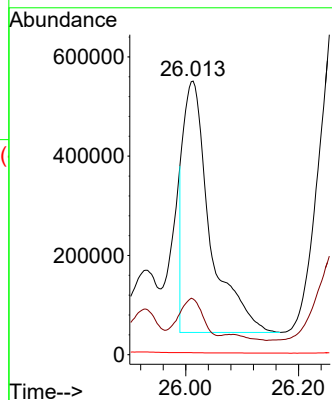
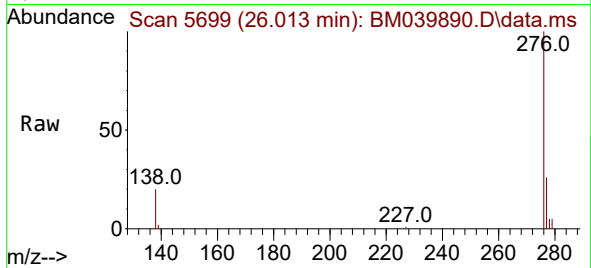




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 40.689 ng/ul
 RT: 26.013 min Scan# 5746
 Delta R.T. -0.158 min
 Lab File: BM039890.D
 Acq: 09 May 2023 12:51

Instrument :
 BNA_M
 ClientSampleId :
 EW946

Tgt Ion:276 Resp: 1672736
 Ion Ratio Lower Upper
 276 100
 138 14.5 21.1 31.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 86.371 ng/ul
 RT: 26.328 min Scan# 5793
 Delta R.T. 0.147 min
 Lab File: BM039890.D
 Acq: 09 May 2023 12:51

Tgt Ion:278 Resp: 2755912
 Ion Ratio Lower Upper
 278 100
 139 19.2 17.0 25.6
 279 30.5 23.4 35.2

