

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110623\
 Data File : BM042600.D
 Acq On : 06 Nov 2023 21:43
 Operator : MA/JU
 Sample : SST0.261
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2009

Quant Time: Nov 07 02:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:04:31 2023
 Response via : Initial Calibration

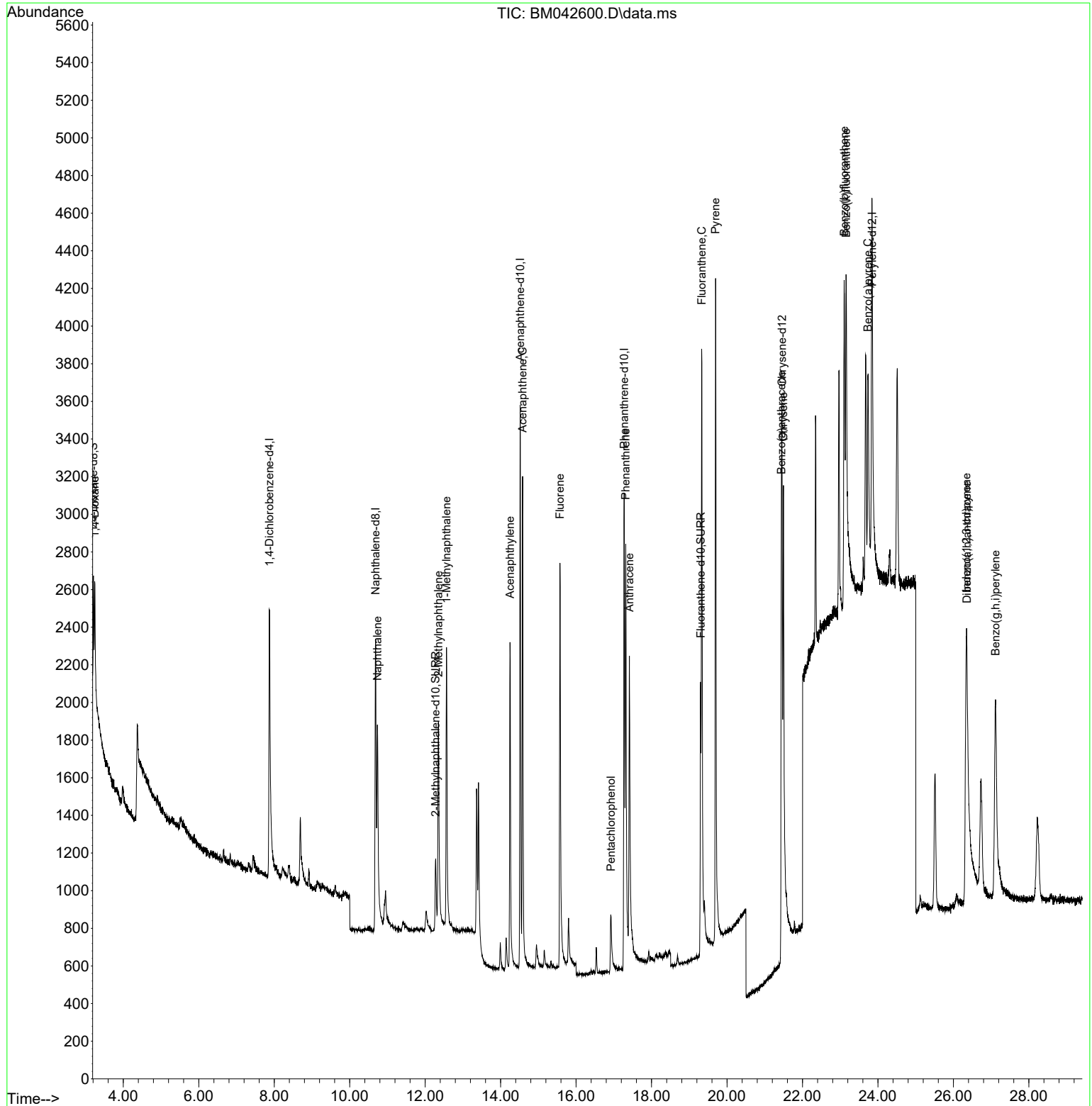
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	1233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	3010	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	1742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	3617	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	2791	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	3358	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	311	0.172	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	826	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	1920	0.160	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.242	88	453	0.219	ng/ul	83
5) Naphthalene	10.735	128	1930	0.199	ng/ul#	93
7) 2-Methylnaphthalene	12.352	142	1199	0.203	ng/ul	95
8) 1-Methylnaphthalene	12.566	142	1235	0.209	ng/ul	99
10) Acenaphthylene	14.250	152	2436	0.226	ng/ul	95
11) Acenaphthene	14.583	153	1622	0.191	ng/ul	98
12) Fluorene	15.573	166	1830	0.194	ng/ul	99
14) Pentachlorophenol	16.923	266	349	0.230	ng/ul	96
15) Phenanthrene	17.316	178	2797	0.185	ng/ul	96
16) Anthracene	17.413	178	2476	0.186	ng/ul#	94
19) Fluoranthene	19.329	202	3453	0.124	ng/ul#	93
20) Pyrene	19.696	202	3850	0.134	ng/ul#	94
21) Benzo(a)anthracene	21.440	228	2396	0.125	ng/ul	96
22) Chrysene	21.495	228	2462	0.121	ng/ul	95
24) Benzo(b)fluoranthene	23.105	252	2596	0.106	ng/ul	74
25) Benzo(k)fluoranthene	23.158	252	2794	0.112	ng/ul#	77
26) Benzo(a)pyrene	23.734	252	2662	0.134	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.344	276	3596	0.139	ng/ul	96
28) Dibenzo(a,h)anthracene	26.357	278	2555	0.136	ng/ul#	69
29) Benzo(g,h,i)perylene	27.119	276	3430	0.154	ng/ul#	89

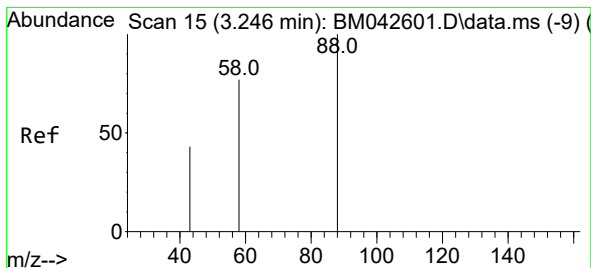
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110623\
Data File : BM042600.D
Acq On : 06 Nov 2023 21:43
Operator : MA/JU
Sample : SST0.261
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

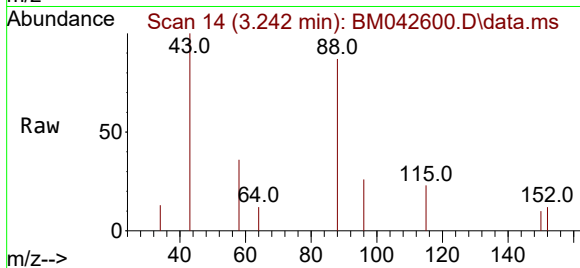
Quant Time: Nov 07 02:08:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:04:31 2023
Response via : Initial Calibration





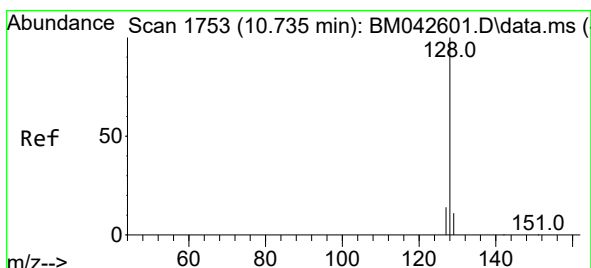
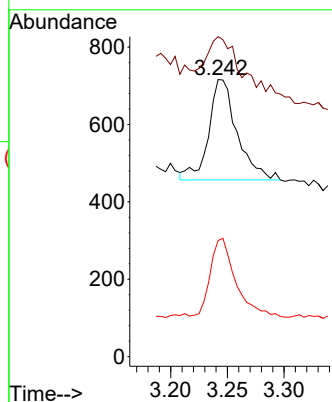
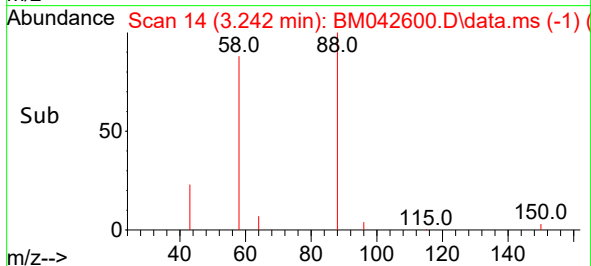
#2
1,4-Dioxane
Concen: 0.219 ng/ul
RT: 3.242 min Scan# 14
Delta R.T. -0.004 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009



Tgt Ion: 88 Resp: 453

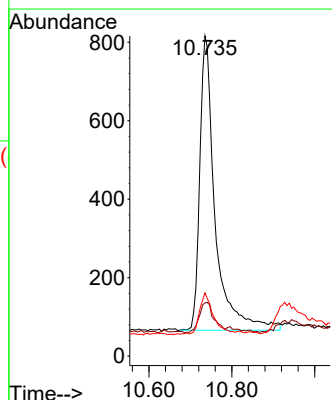
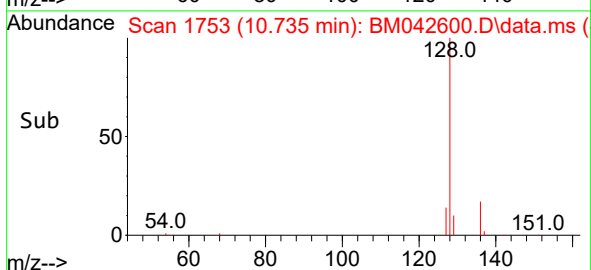
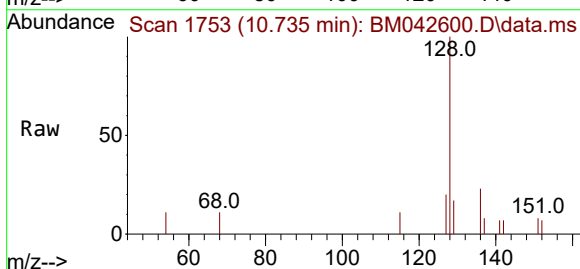
Ion	Ratio	Lower	Upper
88	100		
43	115.5	77.5	116.3
58	41.9	40.9	61.3

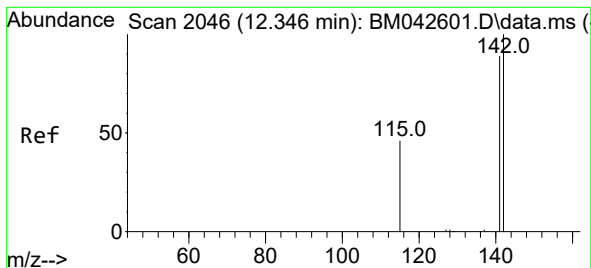


#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:128 Resp: 1930

Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.3	16.9
127	19.7	13.0	19.4

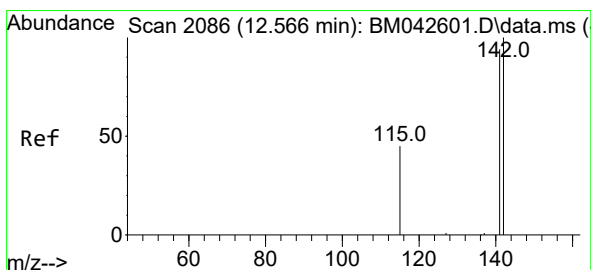
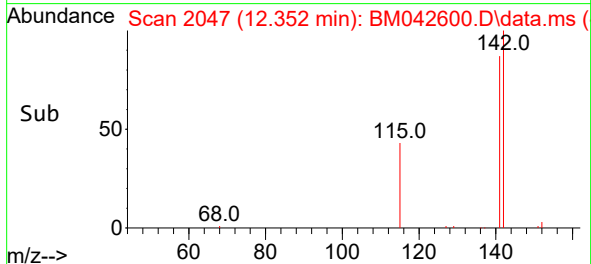
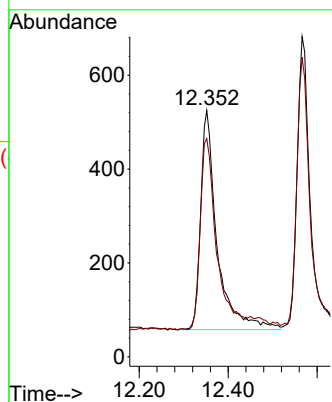
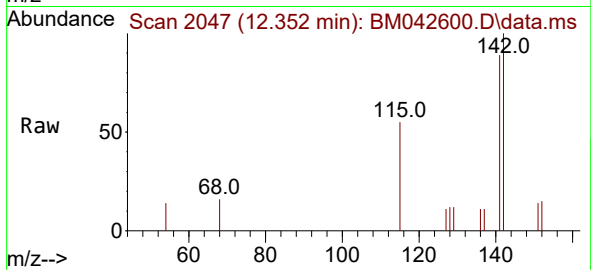




#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

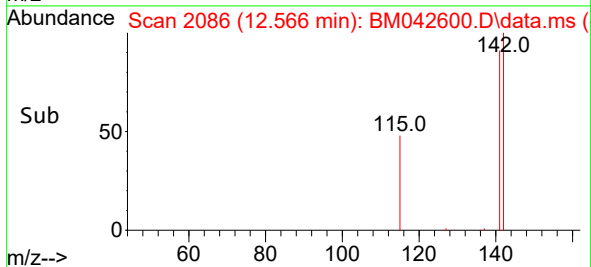
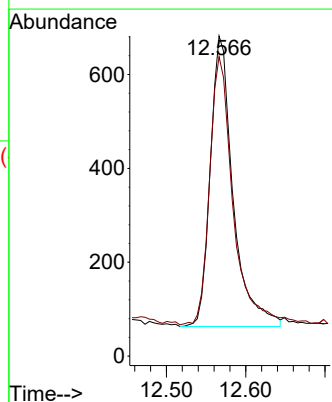
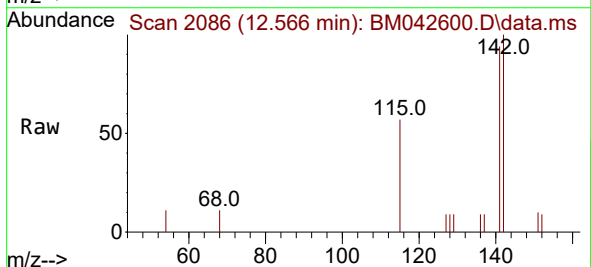
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

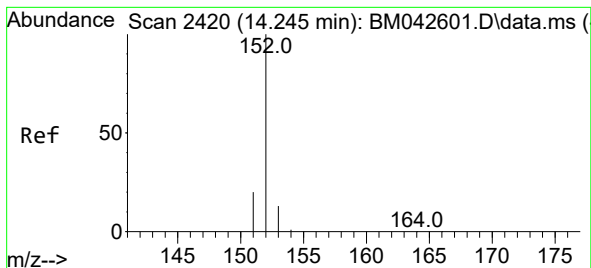
Tgt Ion:142 Resp: 1199
Ion Ratio Lower Upper
142 100
141 94.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:142 Resp: 1235
Ion Ratio Lower Upper
142 100
141 93.7 75.4 113.2





#10

Acenaphthylene

Concen: 0.226 ng/ul

RT: 14.250 min Scan# 2421

Delta R.T. 0.005 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

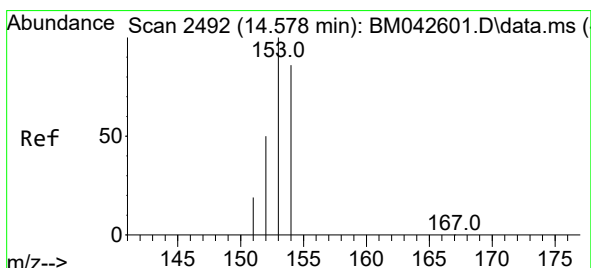
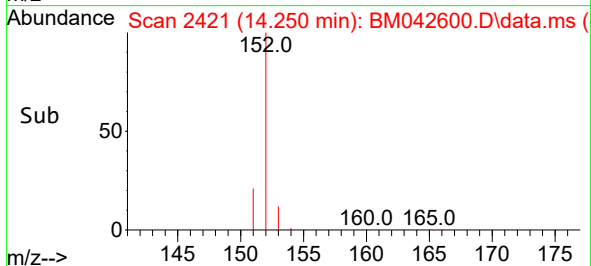
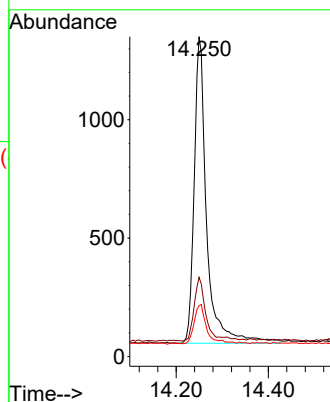
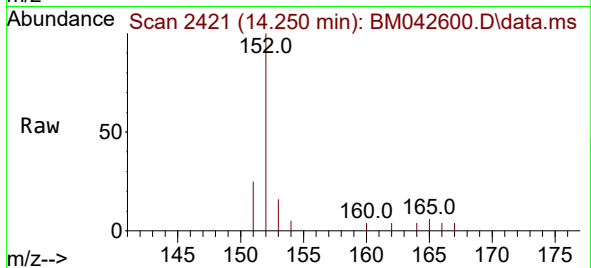
Tgt Ion:152 Resp: 2436

Ion Ratio Lower Upper

152 100

151 24.8 17.2 25.8

153 15.9 11.8 17.8



#11

Acenaphthene

Concen: 0.191 ng/ul

RT: 14.583 min Scan# 2493

Delta R.T. 0.005 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

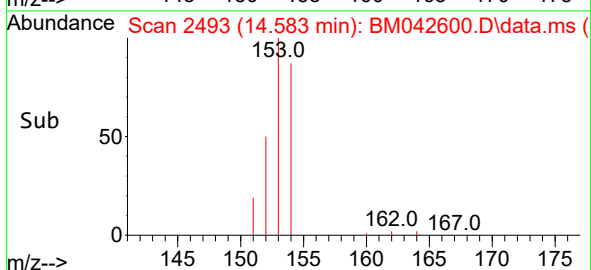
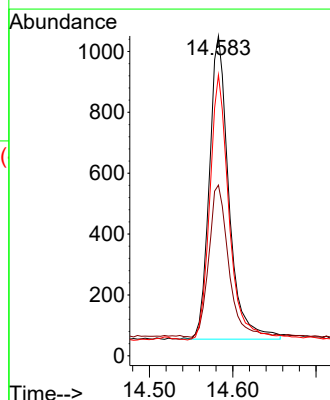
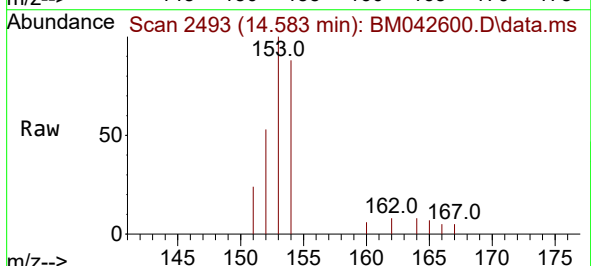
Tgt Ion:153 Resp: 1622

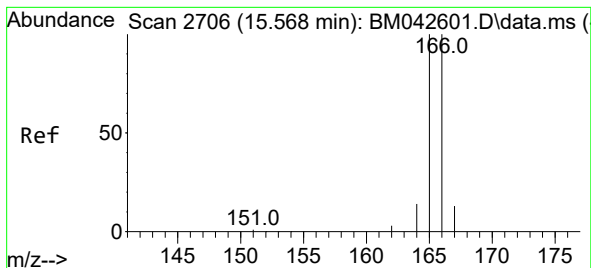
Ion Ratio Lower Upper

153 100

152 53.4 41.8 62.6

154 87.8 69.2 103.8





#12

Fluorene

Concen: 0.194 ng/ul

RT: 15.573 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

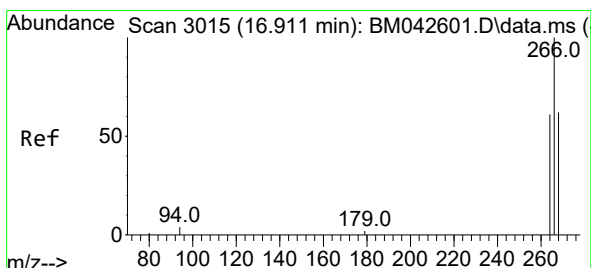
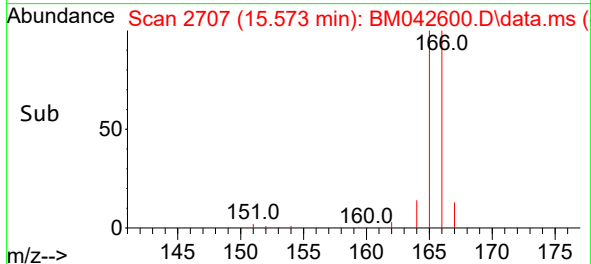
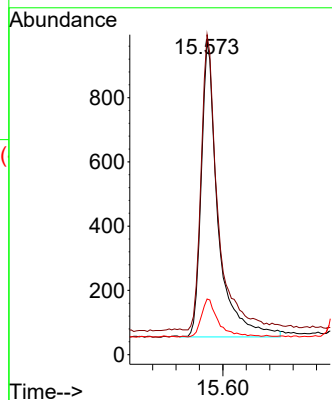
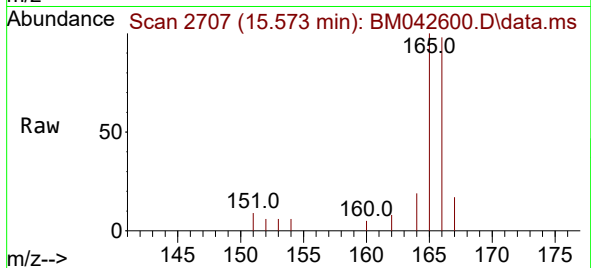
Tgt Ion:166 Resp: 1830

Ion Ratio Lower Upper

166 100

165 102.2 81.2 121.8

167 17.7 11.9 17.9



#14

Pentachlorophenol

Concen: 0.230 ng/ul

RT: 16.923 min Scan# 3018

Delta R.T. 0.013 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

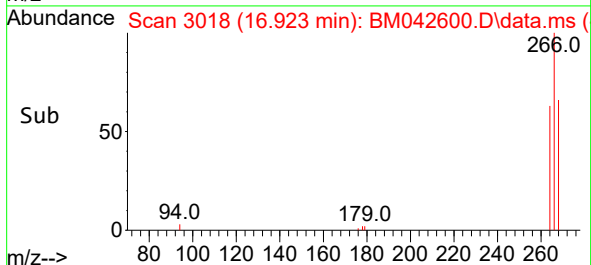
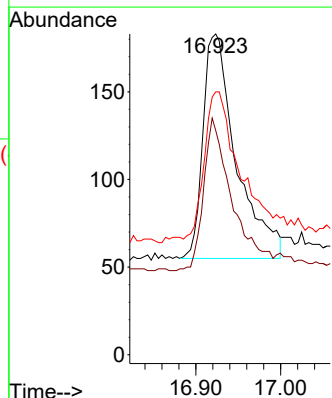
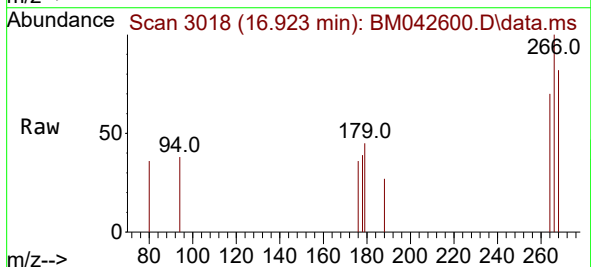
Tgt Ion:266 Resp: 349

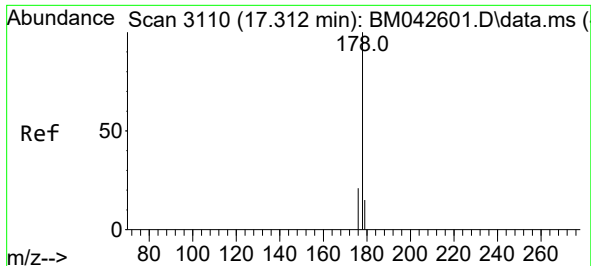
Ion Ratio Lower Upper

266 100

264 59.6 50.4 75.6

268 70.8 54.8 82.2

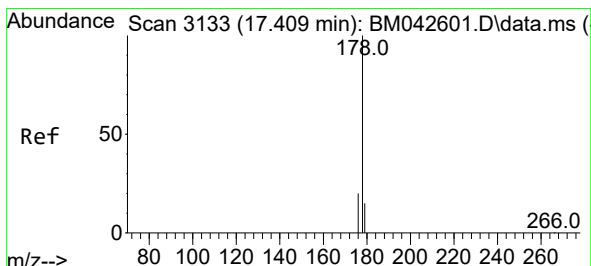
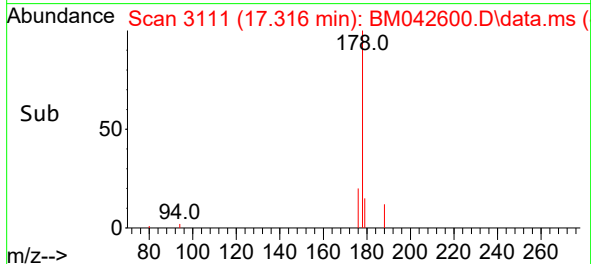
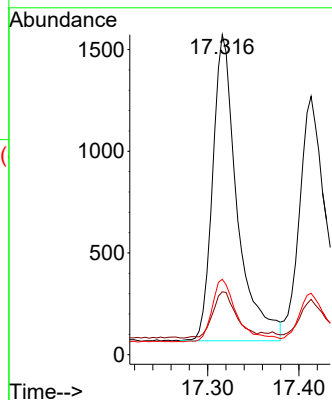
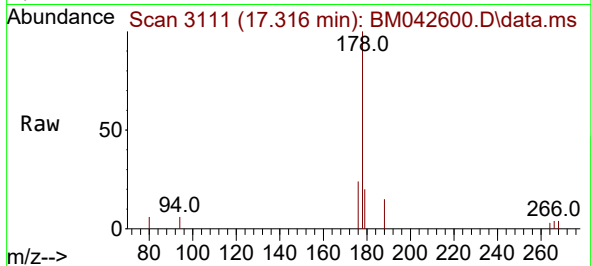




#15
Phenanthrene
Concen: 0.185 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. 0.004 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

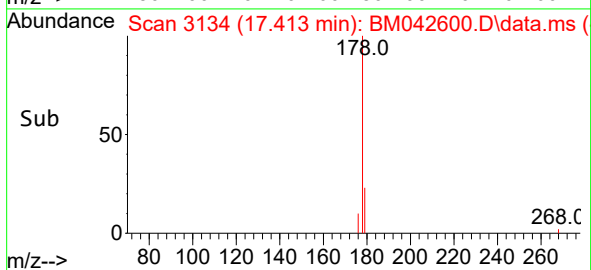
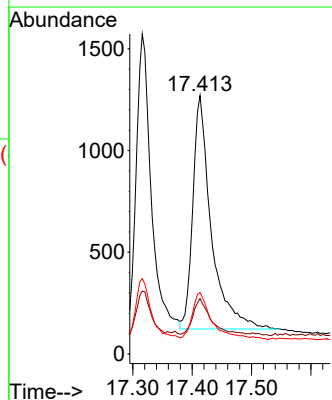
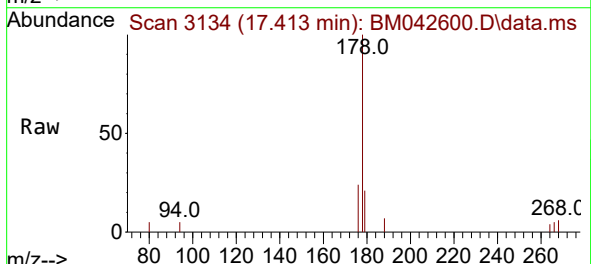
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

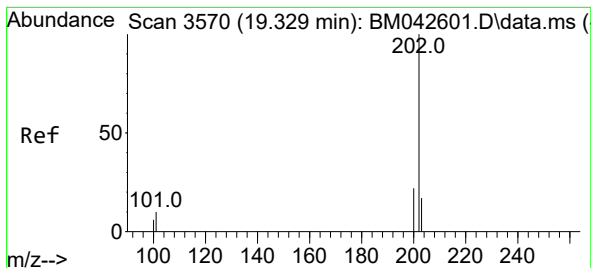
Tgt Ion:178 Resp: 2797
Ion Ratio Lower Upper
178 100
179 19.6 13.7 20.5
176 23.6 18.2 27.2



#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:178 Resp: 2476
Ion Ratio Lower Upper
178 100
179 21.4 14.2 21.4#
176 23.8 17.6 26.4





#19

Fluoranthene

Concen: 0.124 ng/ul

RT: 19.329 min Scan# 3570

Delta R.T. 0.000 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

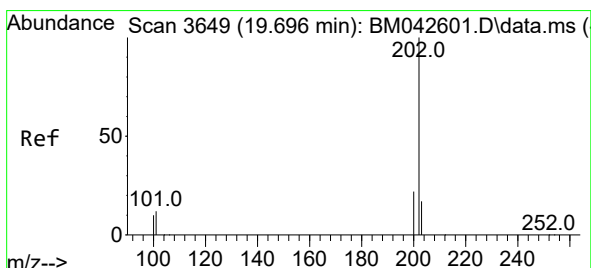
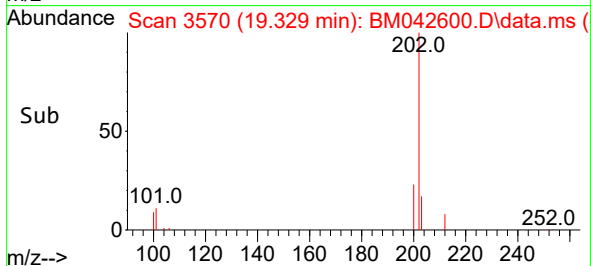
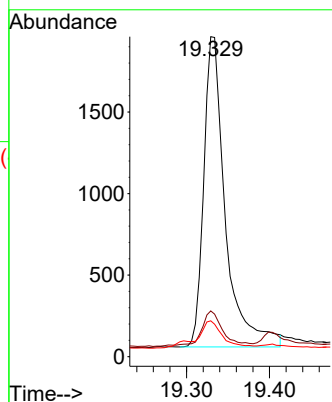
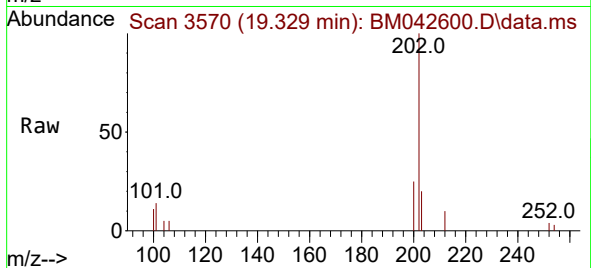
Tgt Ion:202 Resp: 3453

Ion Ratio Lower Upper

202 100

101 14.3 9.0 13.6#

100 11.2 7.3 10.9#



#20

Pyrene

Concen: 0.134 ng/ul

RT: 19.696 min Scan# 3649

Delta R.T. 0.000 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

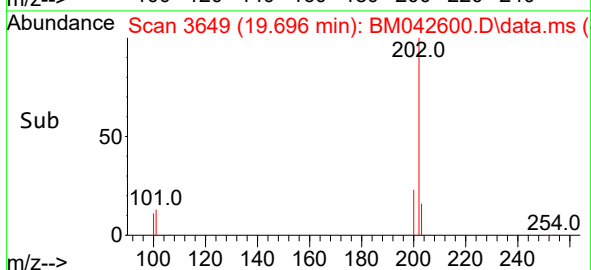
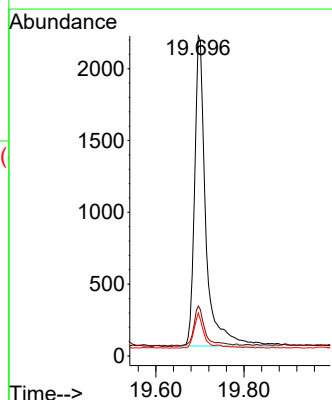
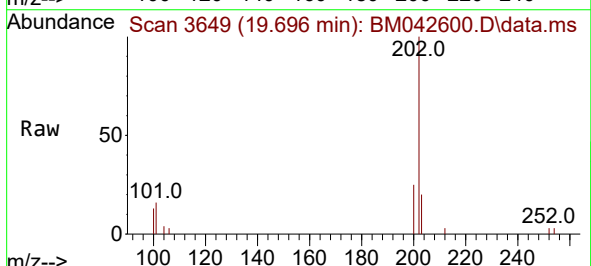
Tgt Ion:202 Resp: 3850

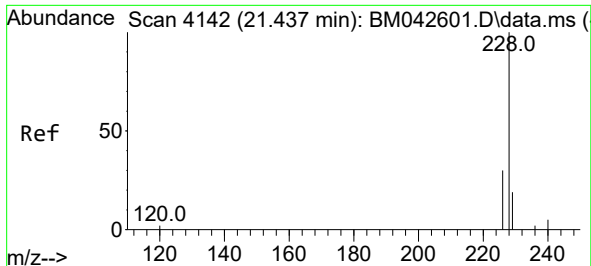
Ion Ratio Lower Upper

202 100

101 15.6 10.6 16.0

100 13.4 8.6 13.0#

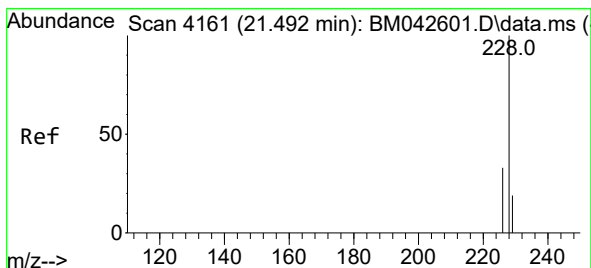
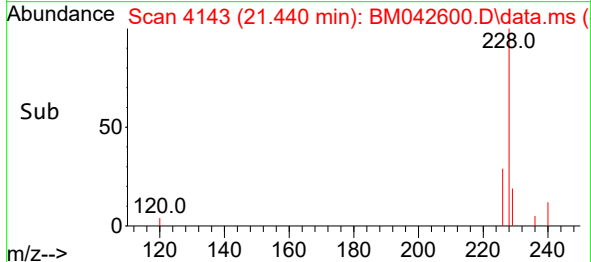
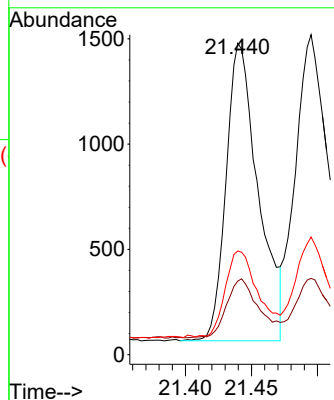
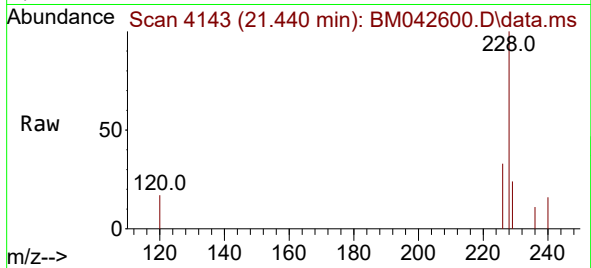




#21
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.440 min Scan# 4142
Delta R.T. 0.003 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

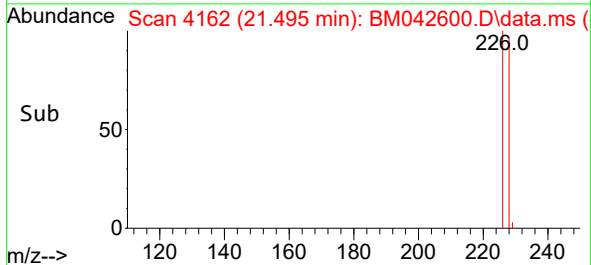
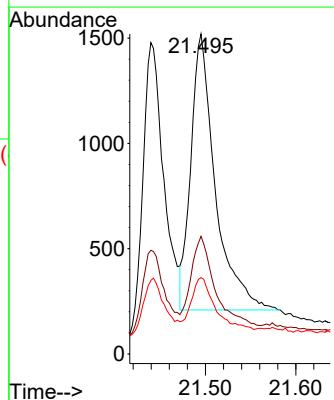
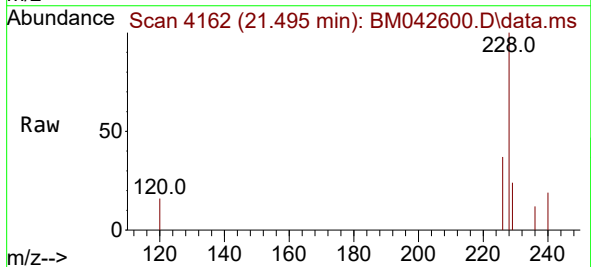
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

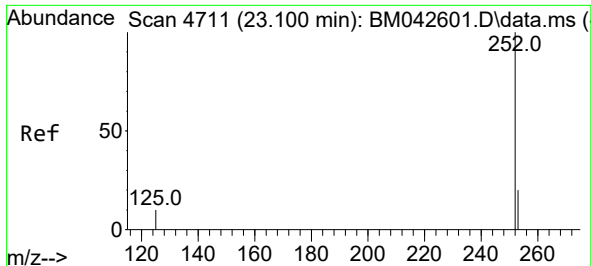
Tgt Ion:228 Resp: 2396
Ion Ratio Lower Upper
228 100
229 23.6 17.0 25.4
226 33.3 25.2 37.8



#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:228 Resp: 2462
Ion Ratio Lower Upper
228 100
226 36.7 27.4 41.0
229 23.8 17.0 25.6

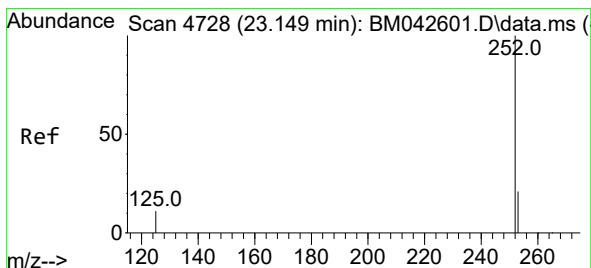
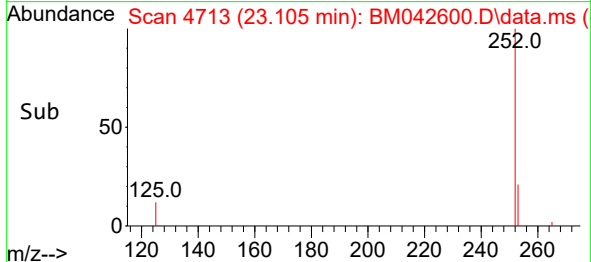
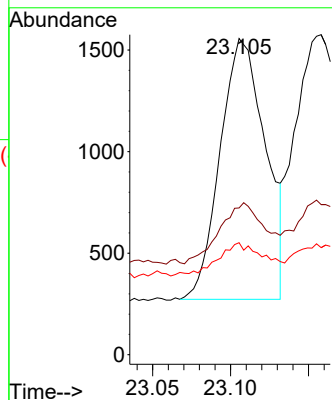
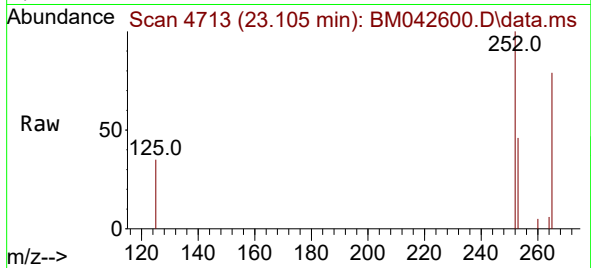




#24
Benzo(b)fluoranthene
Concen: 0.106 ng/ul
RT: 23.105 min Scan# 4711
Delta R.T. 0.006 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

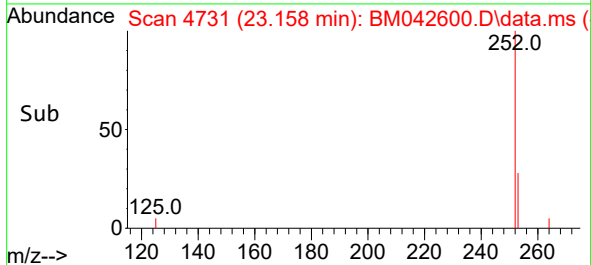
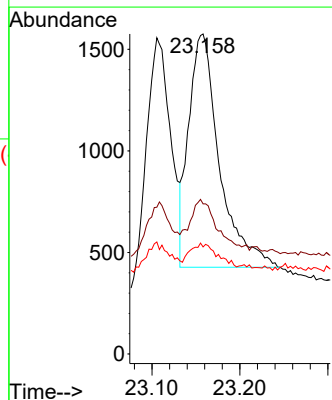
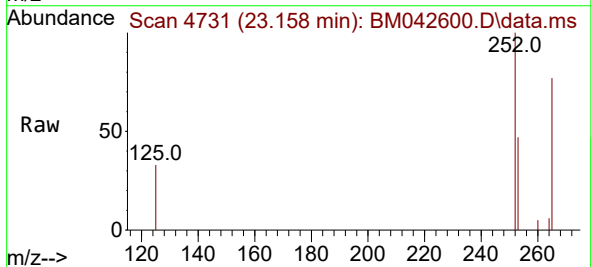
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

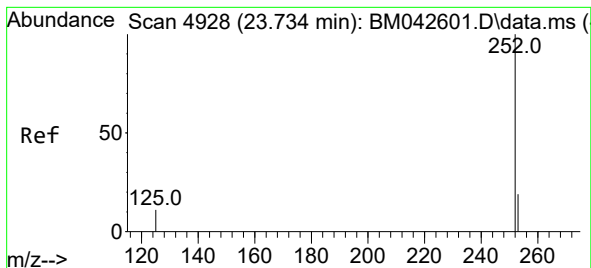
Tgt Ion:252 Resp: 2596
Ion Ratio Lower Upper
252 100
253 46.4 0.0 65.8
125 35.5 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.112 ng/ul
RT: 23.158 min Scan# 4731
Delta R.T. 0.009 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:252 Resp: 2794
Ion Ratio Lower Upper
252 100
253 46.9 27.0 40.6#
125 33.4 17.5 26.3#





#26

Benzo(a)pyrene

Concen: 0.134 ng/ul

RT: 23.734 min Scan# 4928

Delta R.T. 0.000 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

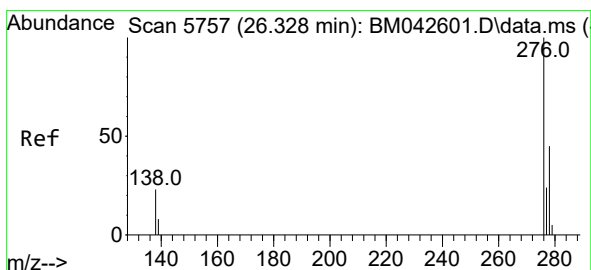
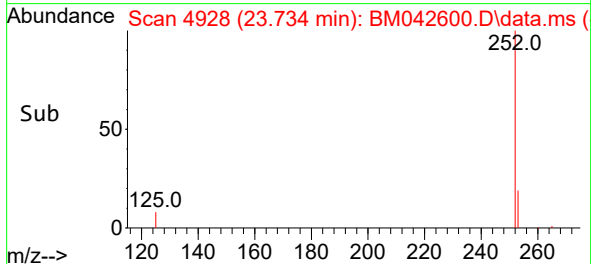
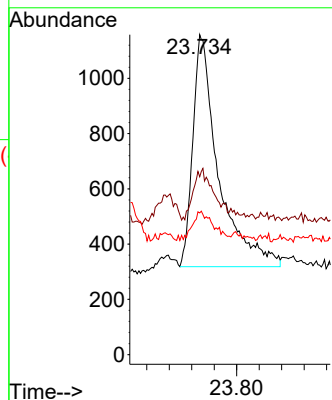
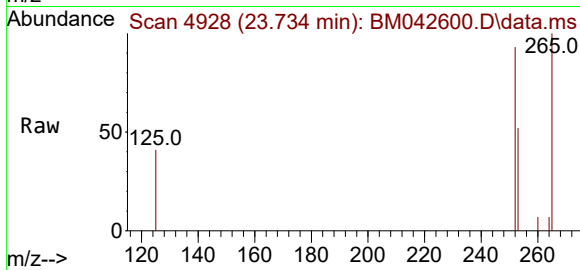
Tgt Ion:252 Resp: 2662

Ion Ratio Lower Upper

252 100

253 55.6 31.7 47.5#

125 44.3 22.1 33.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.139 ng/ul

RT: 26.344 min Scan# 5762

Delta R.T. 0.016 min

Lab File: BM042600.D

Acq: 06 Nov 2023 21:43

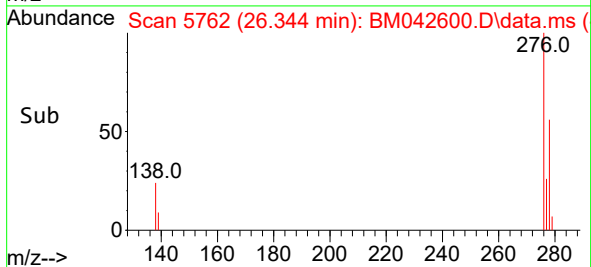
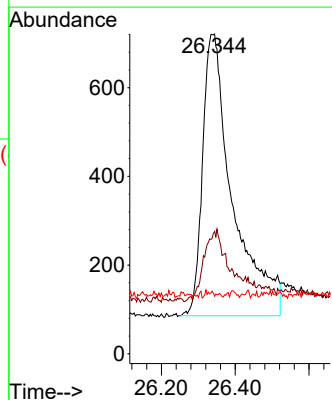
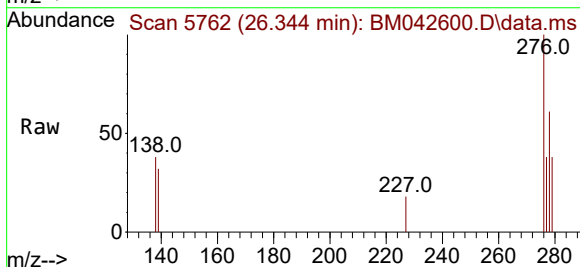
Tgt Ion:276 Resp: 3596

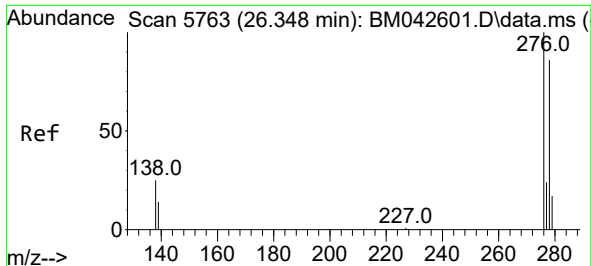
Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

227 0.1 0.1 0.1

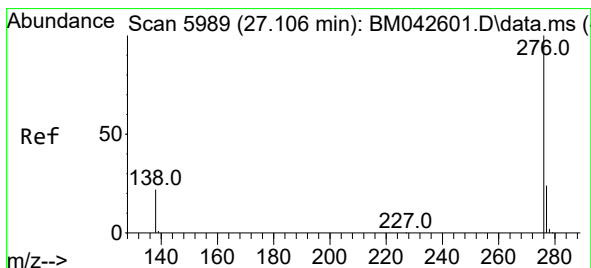
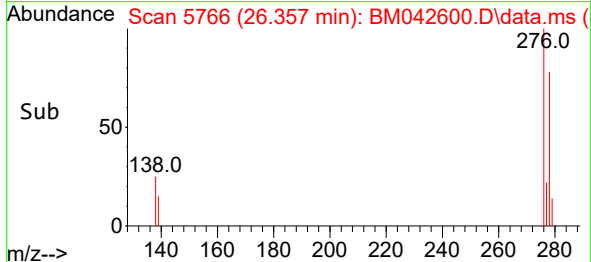
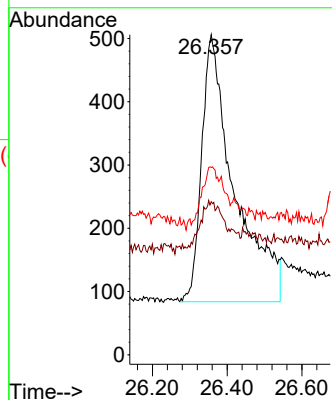
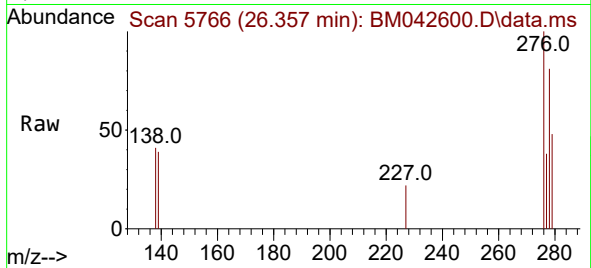




#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 26.357 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 2555
Ion Ratio Lower Upper
278 100
139 47.8 24.3 36.5#
279 58.5 31.5 47.3#



#29
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 27.119 min Scan# 5993
Delta R.T. 0.013 min
Lab File: BM042600.D
Acq: 06 Nov 2023 21:43

Tgt Ion:276 Resp: 3430
Ion Ratio Lower Upper
276 100
138 34.0 22.3 33.5#
277 34.8 23.6 35.4

