

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041139.D
 Acq On : 26 Jul 2023 17:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 01:19:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

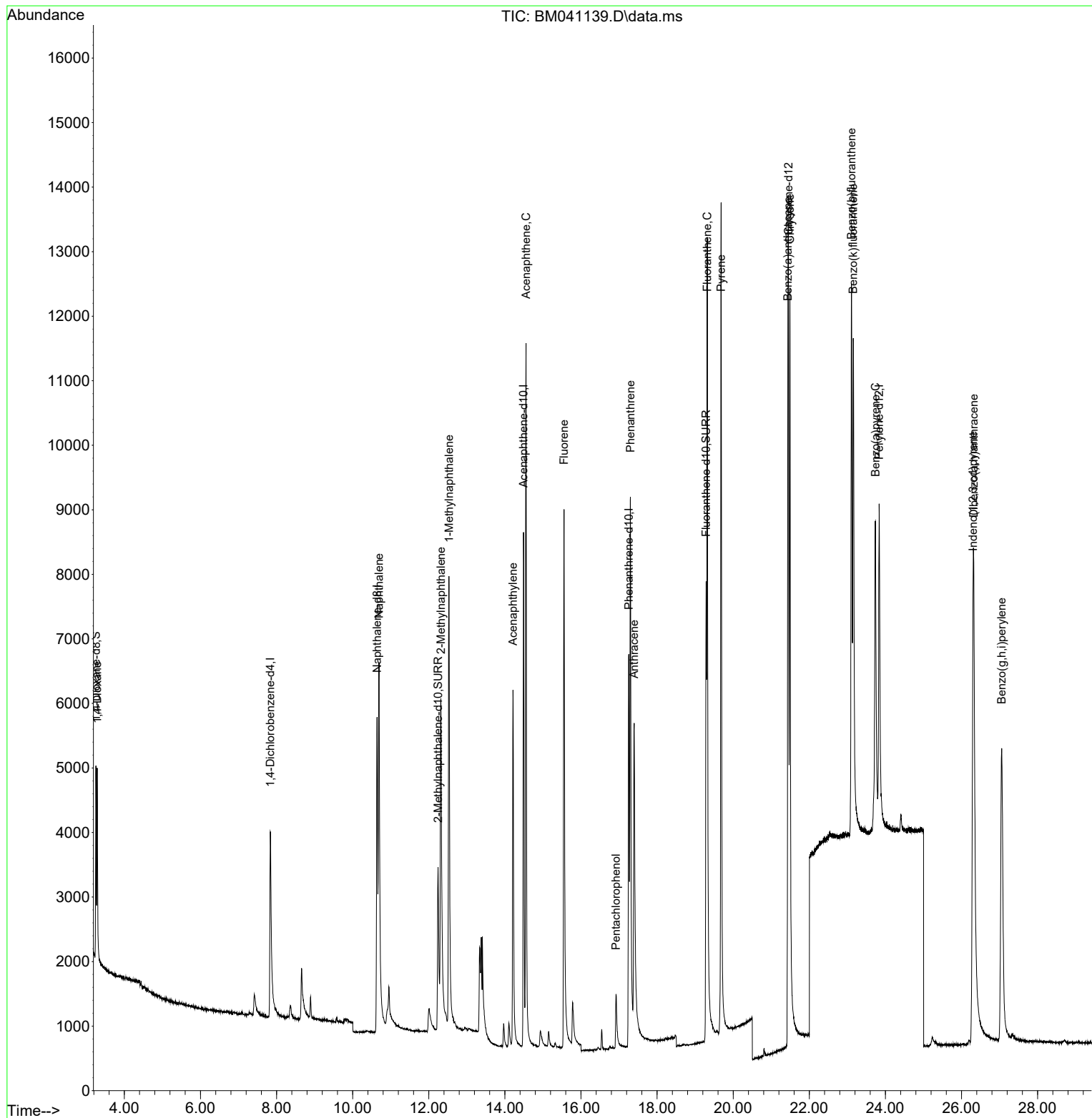
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	9954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9443	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	8467	0.400	ng/ul	0.00
23) Perylene-d12	23.836	264	7957	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1851	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5636	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10465	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	1905	0.424	ng/ul#	56
5) Naphthalene	10.691	128	10885	0.336	ng/ul	99
7) 2-Methylnaphthalene	12.319	142	6245	0.394	ng/ul	100
8) 1-Methylnaphthalene	12.533	142	6432	0.395	ng/ul	100
10) Acenaphthylene	14.213	152	8162	0.389	ng/ul	99
11) Acenaphthene	14.555	153	6981	0.394	ng/ul	99
12) Fluorene	15.554	166	7475	0.386	ng/ul	100
14) Pentachlorophenol	16.919	266	953	0.347	ng/ul	97
15) Phenanthrene	17.299	178	11216	0.385	ng/ul	100
16) Anthracene	17.396	178	8938	0.379	ng/ul	99
19) Fluoranthene	19.320	202	12791	0.422	ng/ul	98
20) Pyrene	19.682	202	13749	0.411	ng/ul	99
21) Benzo(a)anthracene	21.436	228	10598	0.374	ng/ul	100
22) Chrysene	21.489	228	12329	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.108	252	12426	0.392	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	12004	0.397	ng/ul	99
26) Benzo(a)pyrene	23.737	252	10345	0.403	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.300	276	14505	0.381	ng/ul#	53
28) Dibenzo(a,h)anthracene	26.320	278	11461	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	27.055	276	13039	0.384	ng/ul	99

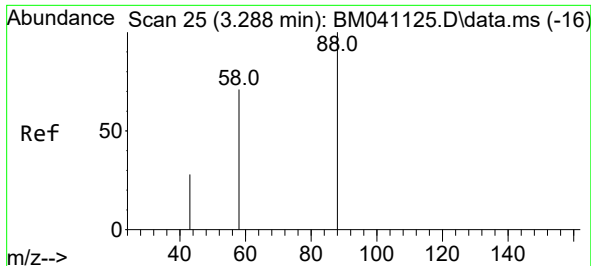
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
Data File : BM041139.D
Acq On : 26 Jul 2023 17:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

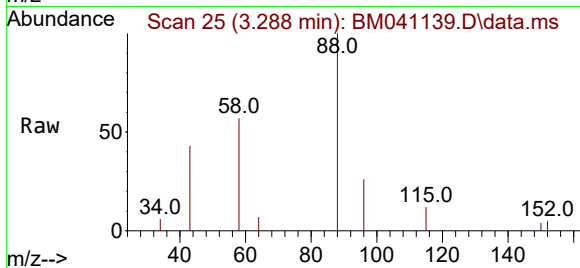
Quant Time: Jul 27 01:19:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



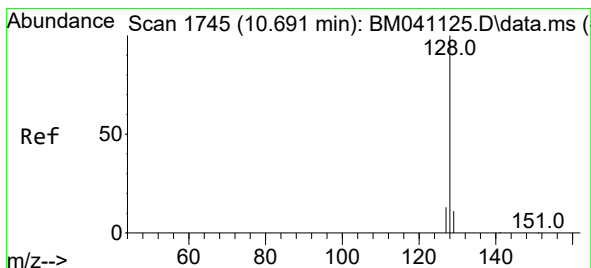
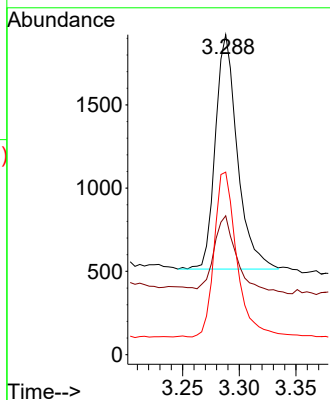
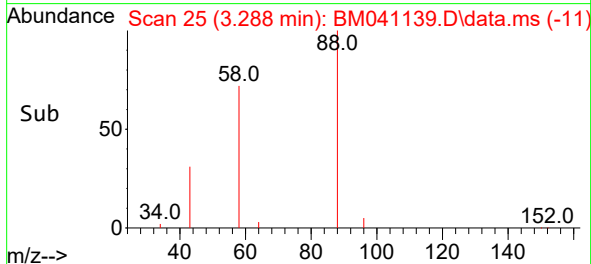


#2
1,4-Dioxane
Concen: 0.424 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Instrument :
BNA_M
ClientSampleId :

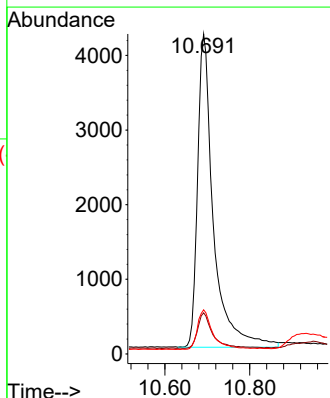
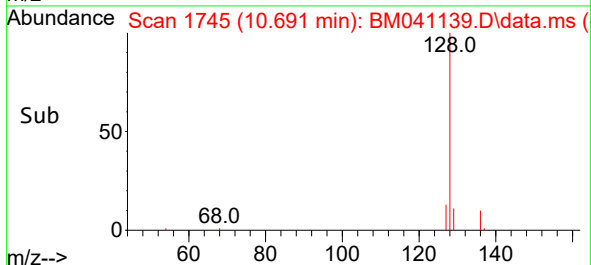
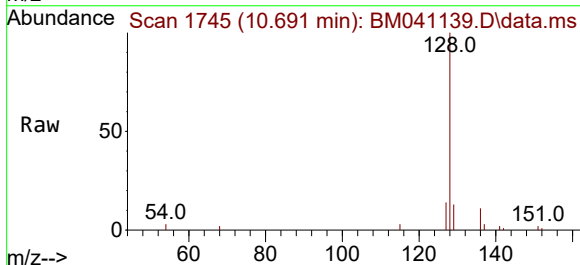


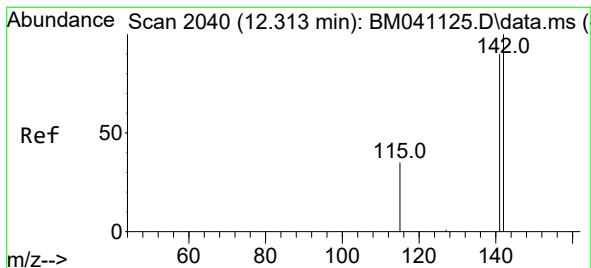
Tgt Ion: 88 Resp: 1905
Ion Ratio Lower Upper
88 100
43 43.4 83.1 124.7#
58 57.0 38.8 58.2



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Tgt Ion: 128 Resp: 10885
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 13.8 11.1 16.7

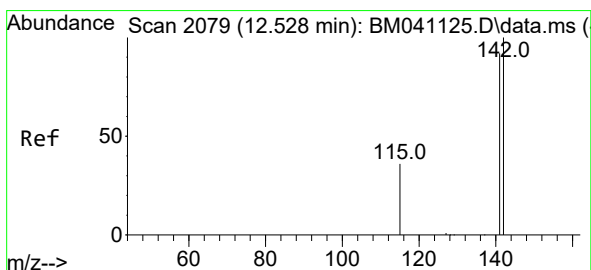
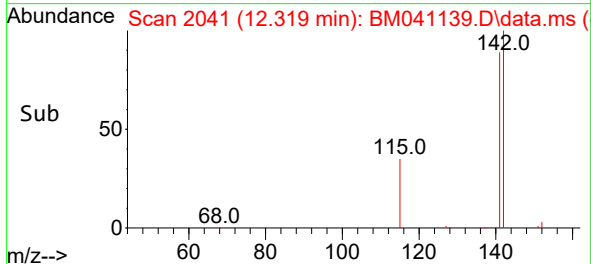
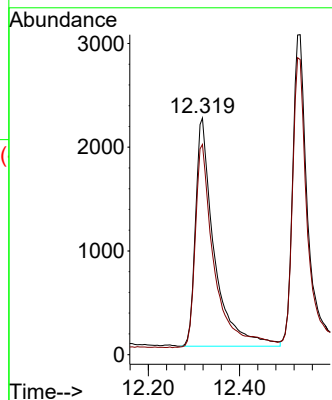
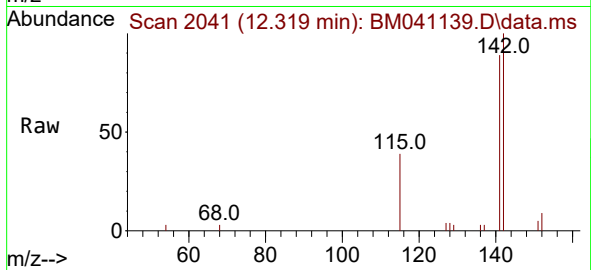




#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

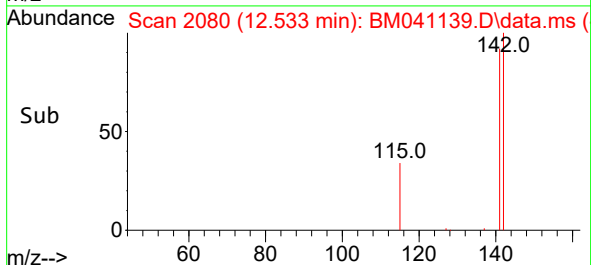
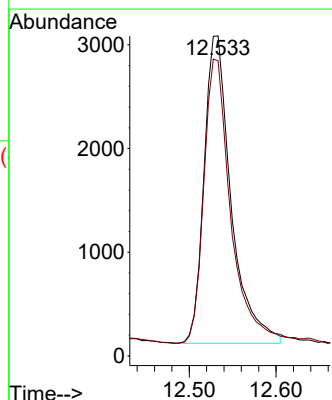
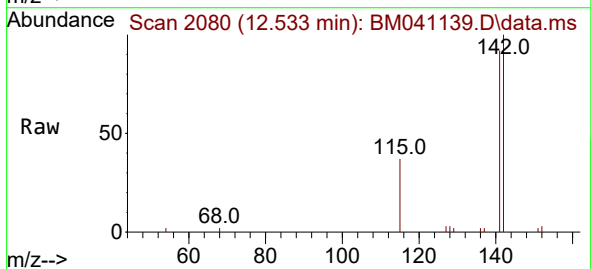
Instrument :
BNA_M
ClientSampleId :

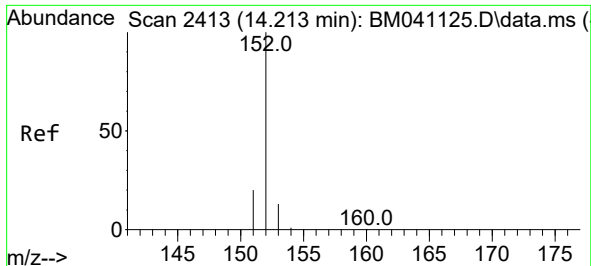
Tgt Ion:142 Resp: 6245
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Tgt Ion:142 Resp: 6432
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4

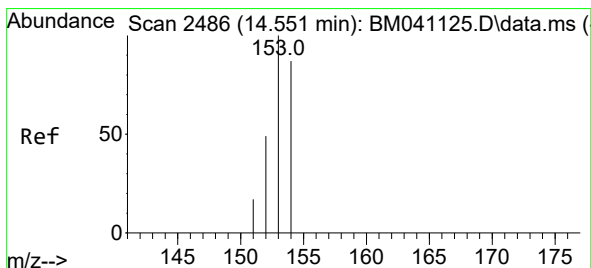
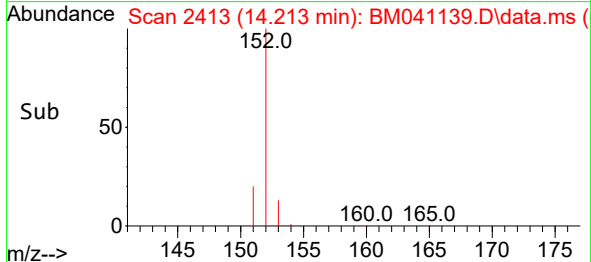
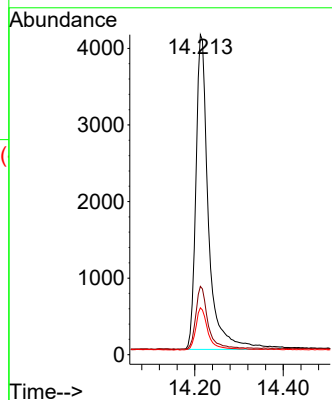
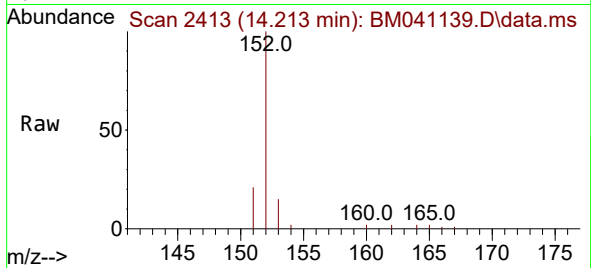




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

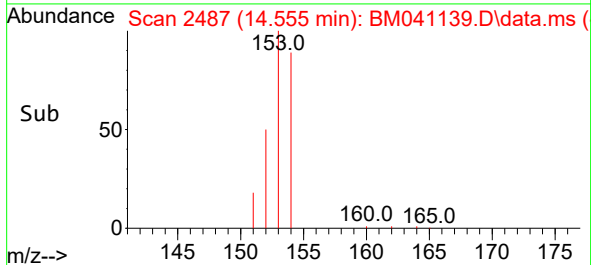
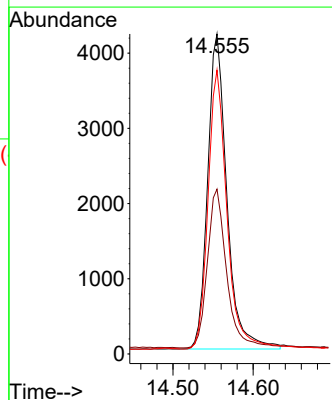
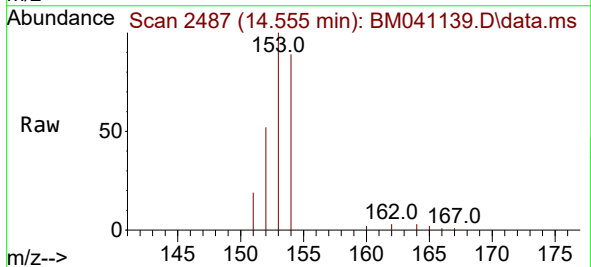
Instrument :
BNA_M
ClientSampleId :

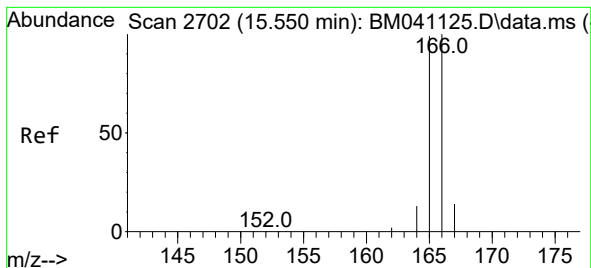
Tgt Ion:152 Resp: 8162
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.6 11.4 17.2



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Tgt Ion:153 Resp: 6981
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 88.7 70.3 105.5





#12

Fluorene

Concen: 0.386 ng/ul

RT: 15.554 min Scan# 2703

Delta R.T. 0.004 min

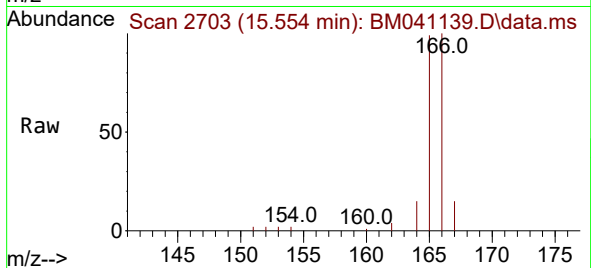
Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

Instrument :

BNA_M

ClientSampleId :



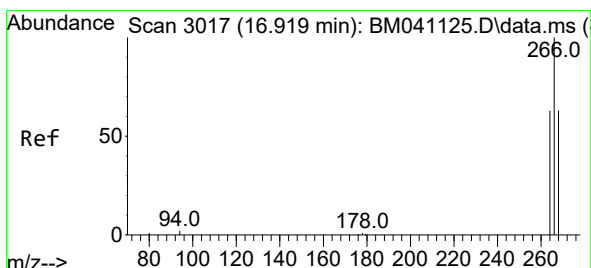
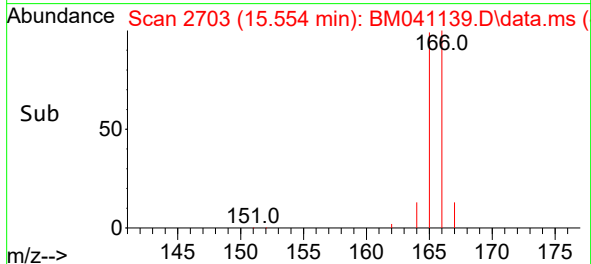
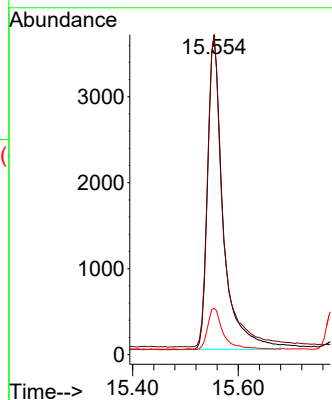
Tgt Ion:166 Resp: 7475

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

167 14.5 11.4 17.2



#14

Pentachlorophenol

Concen: 0.347 ng/ul

RT: 16.919 min Scan# 3017

Delta R.T. 0.004 min

Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

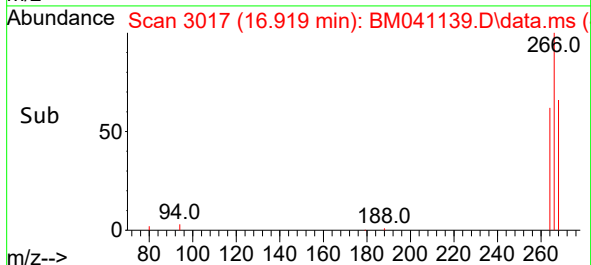
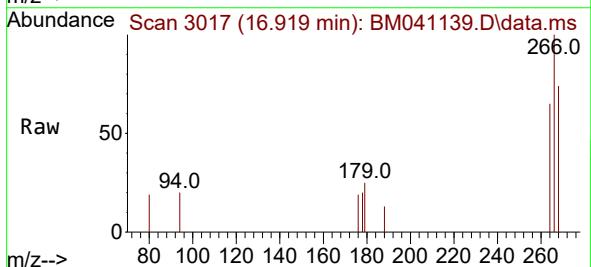
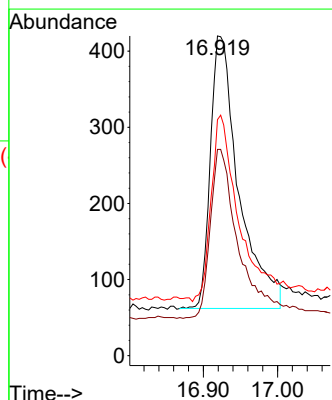
Tgt Ion:266 Resp: 953

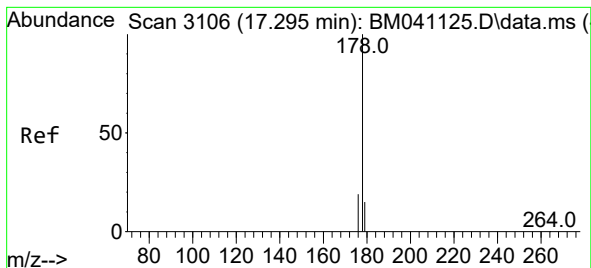
Ion Ratio Lower Upper

266 100

264 61.2 49.2 73.8

268 66.4 49.9 74.9





#15

Phenanthrene

Concen: 0.385 ng/ul

RT: 17.299 min Scan# 3106

Delta R.T. 0.004 min

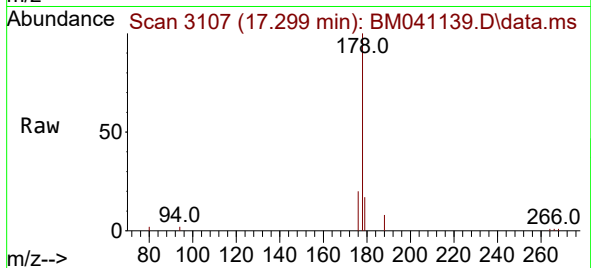
Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

Instrument :

BNA_M

ClientSampleId :



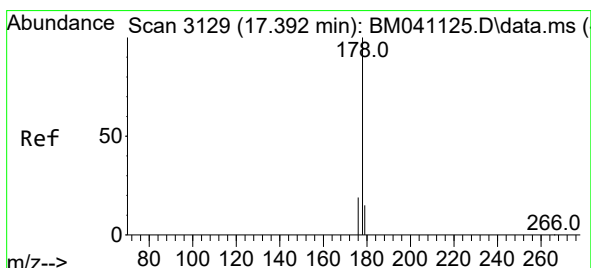
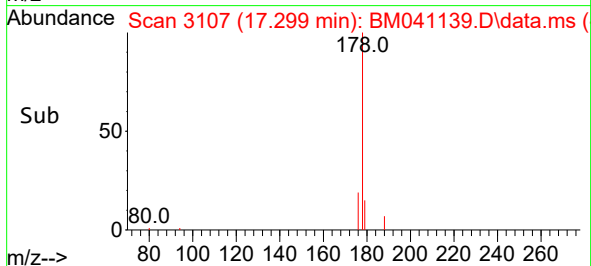
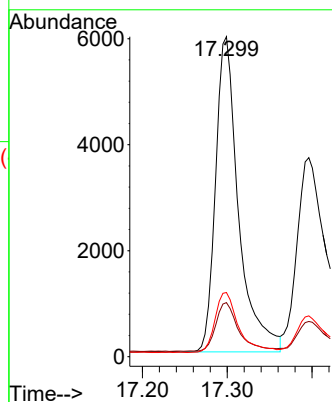
Tgt Ion:178 Resp: 11216

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.2

176 20.1 16.0 24.0



#16

Anthracene

Concen: 0.379 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. 0.004 min

Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

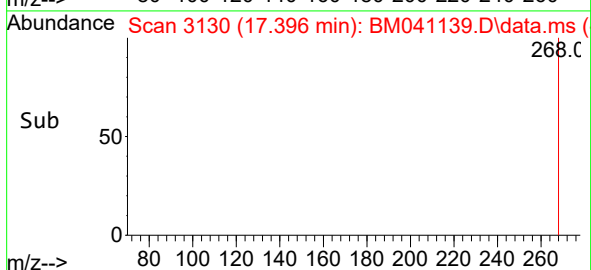
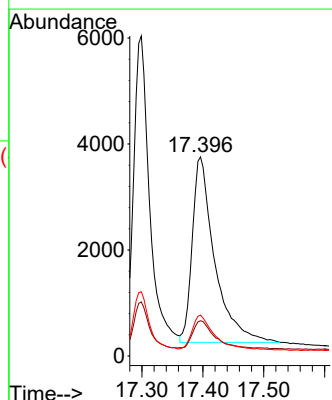
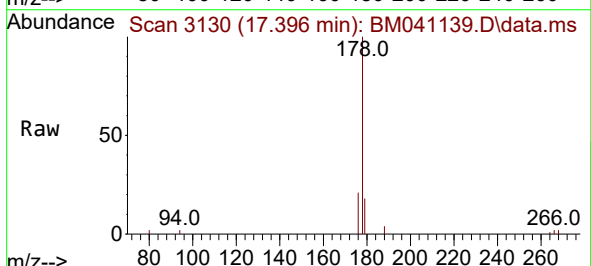
Tgt Ion:178 Resp: 8938

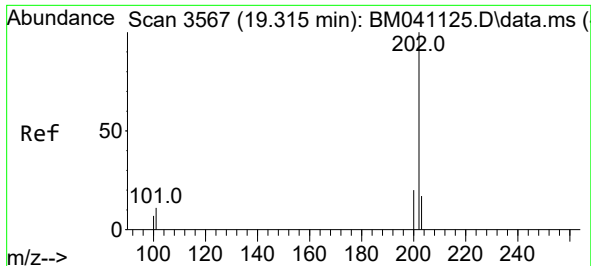
Ion Ratio Lower Upper

178 100

179 17.7 13.6 20.4

176 20.5 16.0 24.0

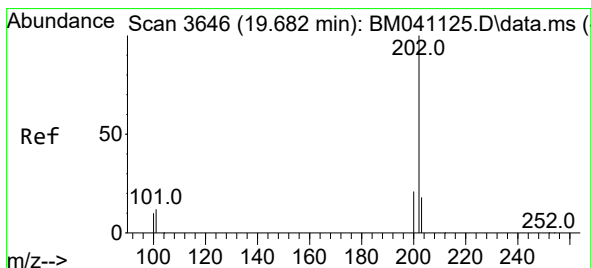
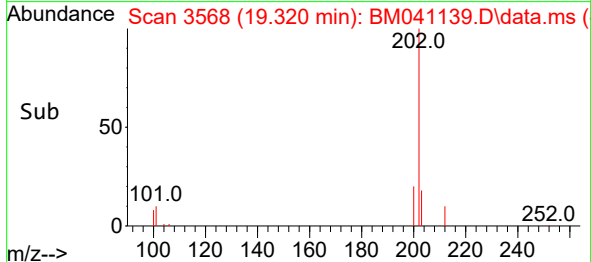
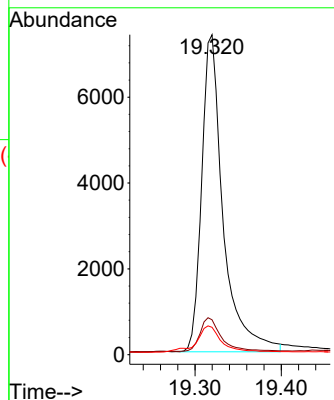
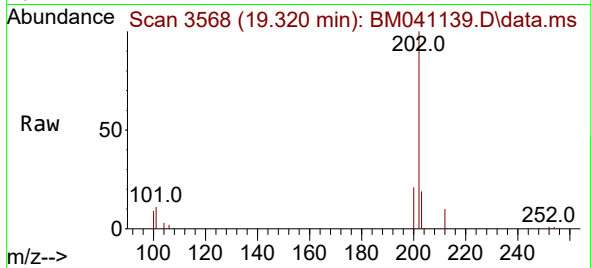




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. 0.004 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

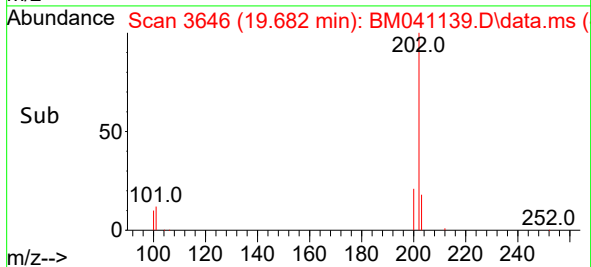
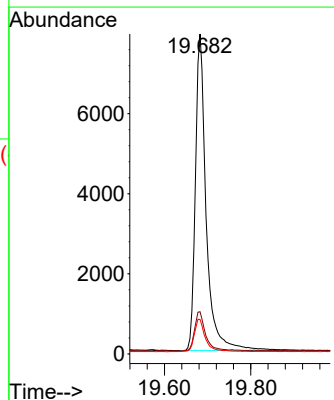
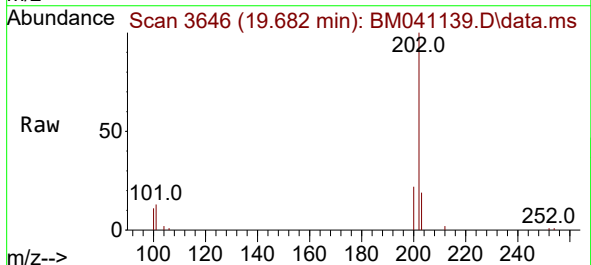
Instrument :
BNA_M
ClientSampleId :

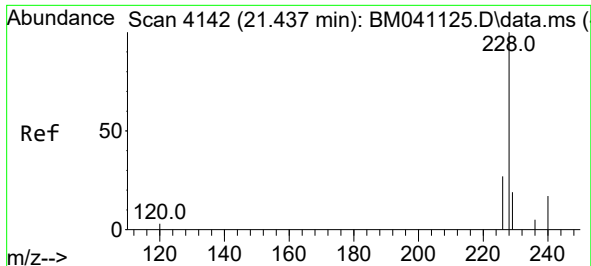
Tgt Ion:202 Resp: 12791
Ion Ratio Lower Upper
202 100
101 10.9 9.4 14.0
100 8.6 7.1 10.7



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

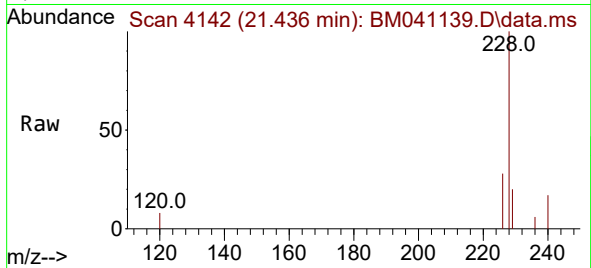
Tgt Ion:202 Resp: 13749
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.8 8.5 12.7



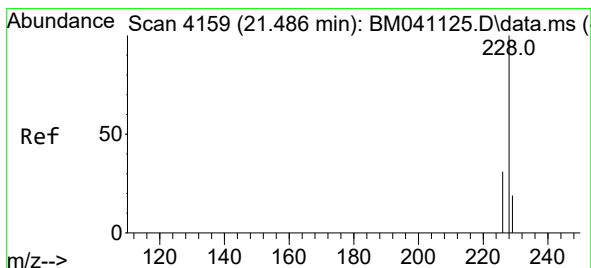
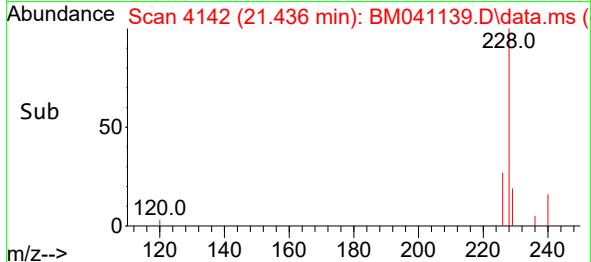
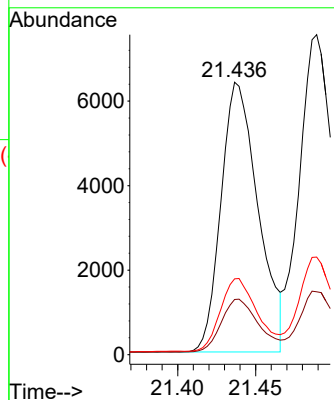


#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.436 min Scan# 4142
Delta R.T. 0.003 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Instrument :
BNA_M
ClientSampleId :

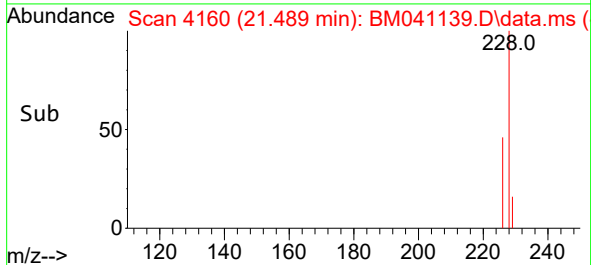
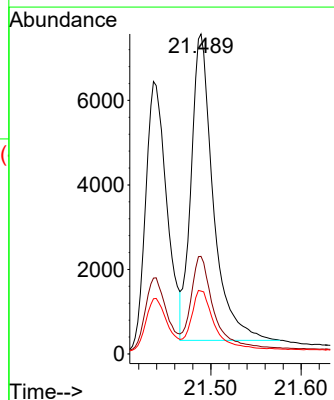
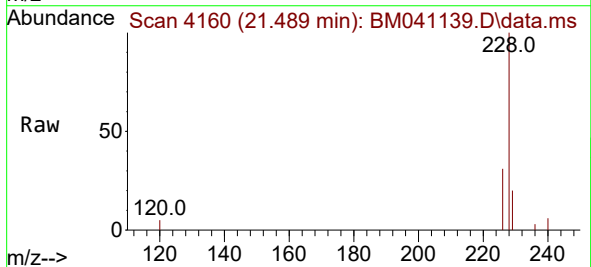


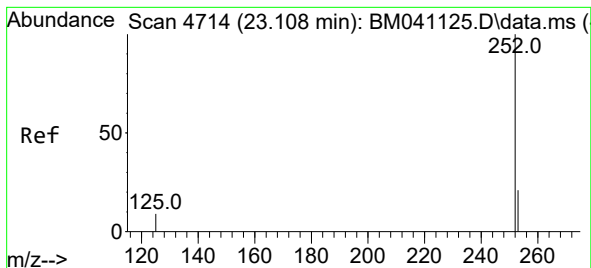
Tgt Ion:228 Resp: 10598
Ion Ratio Lower Upper
228 100
229 20.3 16.5 24.7
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Tgt Ion:228 Resp: 12329
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 19.7 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.392 ng/ul

RT: 23.108 min Scan# 4714

Delta R.T. 0.003 min

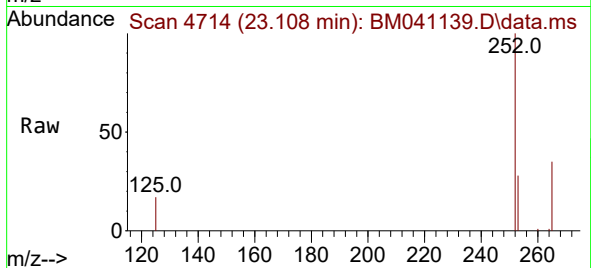
Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

Instrument :

BNA_M

ClientSampleId :



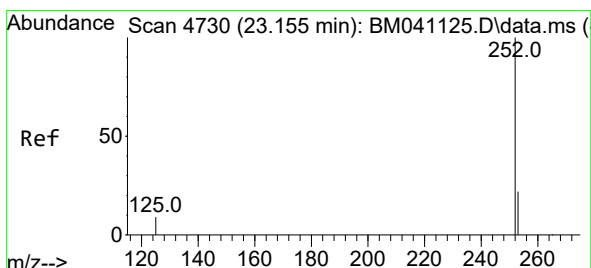
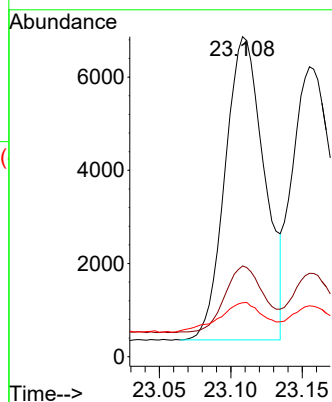
Tgt Ion:252 Resp: 12426

Ion Ratio Lower Upper

252 100

253 28.3 0.0 57.6

125 16.8 0.0 33.6



#25

Benzo(k)fluoranthene

Concen: 0.397 ng/ul

RT: 23.155 min Scan# 4730

Delta R.T. -0.000 min

Lab File: BM041139.D

Acq: 26 Jul 2023 17:19

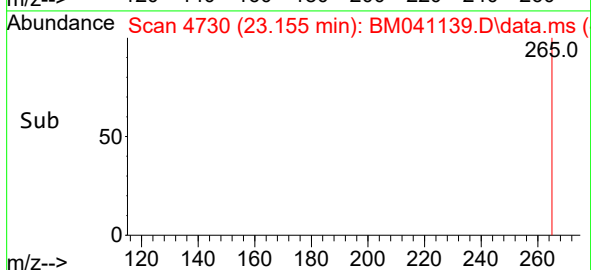
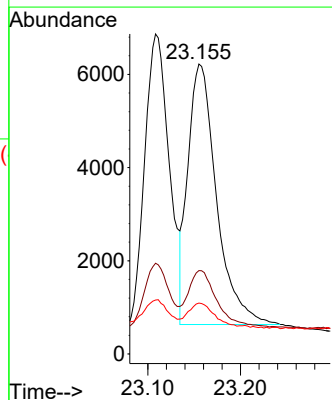
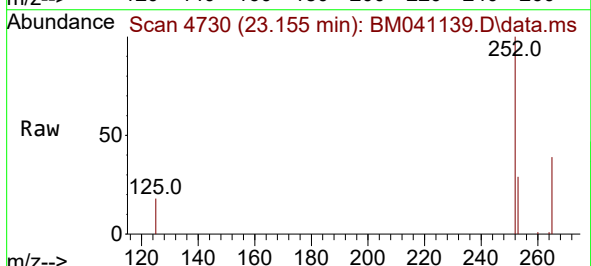
Tgt Ion:252 Resp: 12004

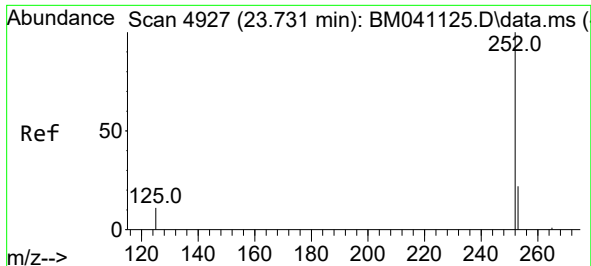
Ion Ratio Lower Upper

252 100

253 28.7 22.8 34.2

125 17.5 13.5 20.3

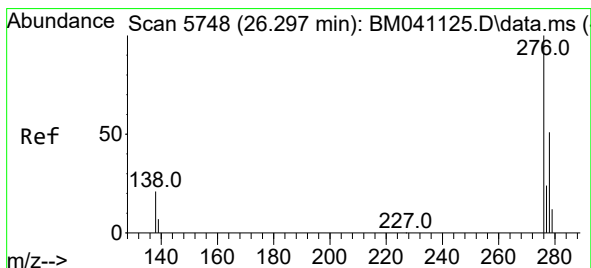
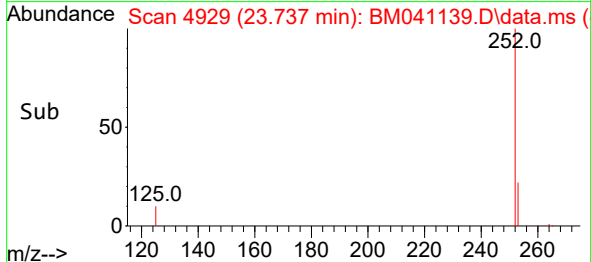
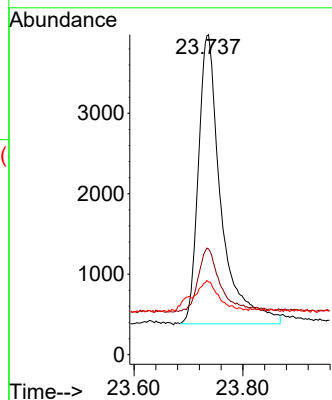
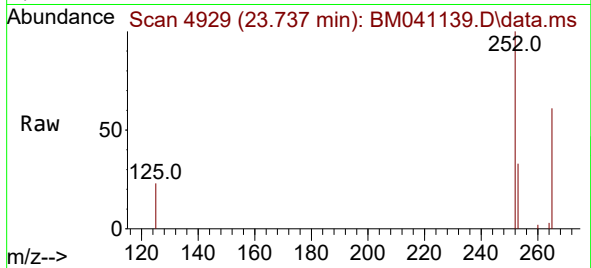




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.737 min Scan# 4929
Delta R.T. 0.009 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

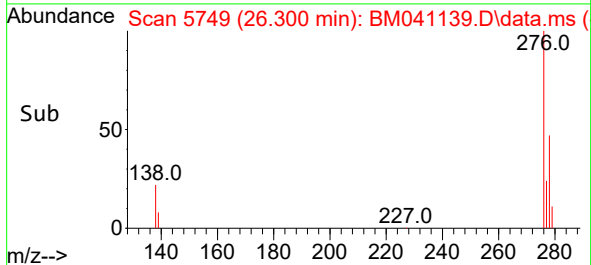
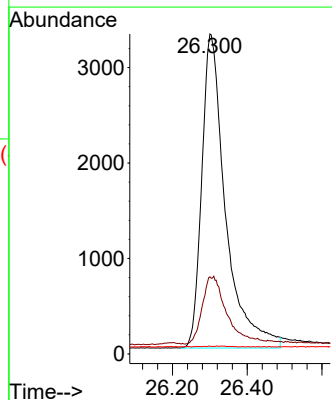
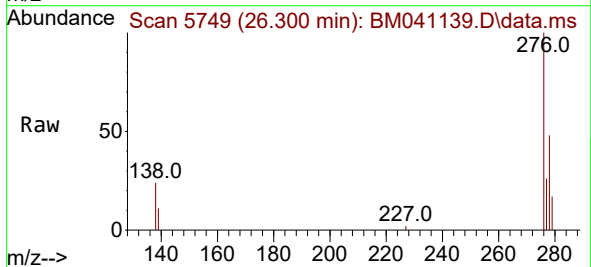
Instrument :
BNA_M
ClientSampleId :

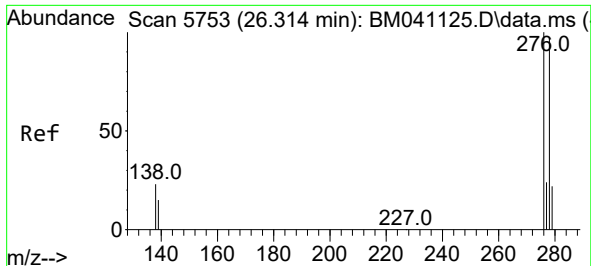
Tgt Ion:252 Resp: 10345
Ion Ratio Lower Upper
252 100
253 33.1 26.7 40.1
125 22.7 18.1 27.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.300 min Scan# 5749
Delta R.T. 0.003 min
Lab File: BM041139.D
Acq: 26 Jul 2023 17:19

Tgt Ion:276 Resp: 14505
Ion Ratio Lower Upper
276 100
138 0.0 18.1 27.1#
227 0.0 0.2 0.2#

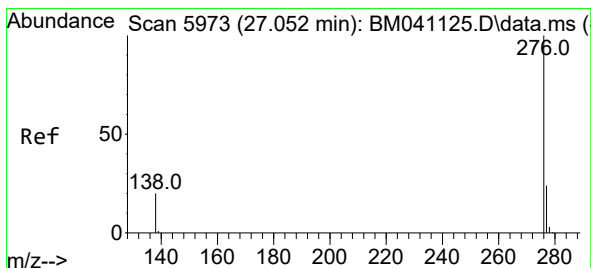
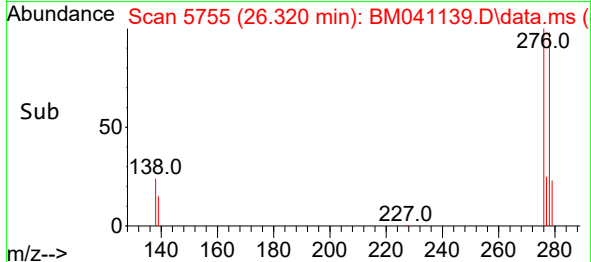
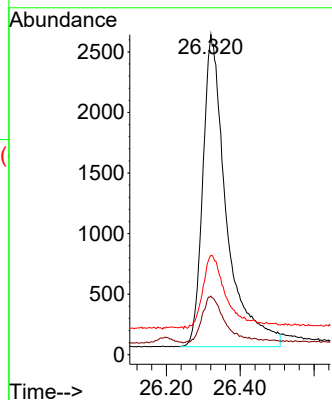
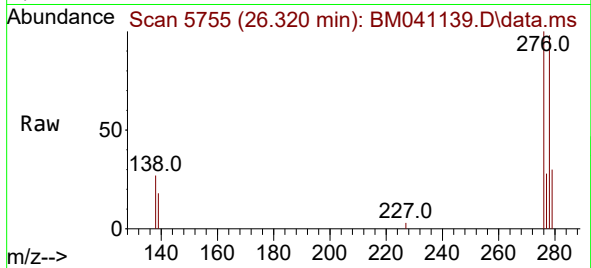




#28
 Dibenzo(a,h)anthracene
 Concen: 0.384 ng/ul
 RT: 26.320 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM041139.D
 Acq: 26 Jul 2023 17:19

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 11461
 Ion Ratio Lower Upper
 278 100
 139 18.3 14.1 21.1
 279 31.0 25.0 37.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.384 ng/ul
 RT: 27.055 min Scan# 5974
 Delta R.T. 0.003 min
 Lab File: BM041139.D
 Acq: 26 Jul 2023 17:19

Tgt Ion:276 Resp: 13039
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.2 27.2
 277 26.1 20.6 30.8

