

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040708.D
 Acq On : 07 Jul 2023 11:18
 Operator : MA/JU
 Sample : PB153582BS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS582

Quant Time: Jul 07 13:35:44 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 : Fri Jul 07 10:22:24 2023
 Response via : Initial Calibration

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

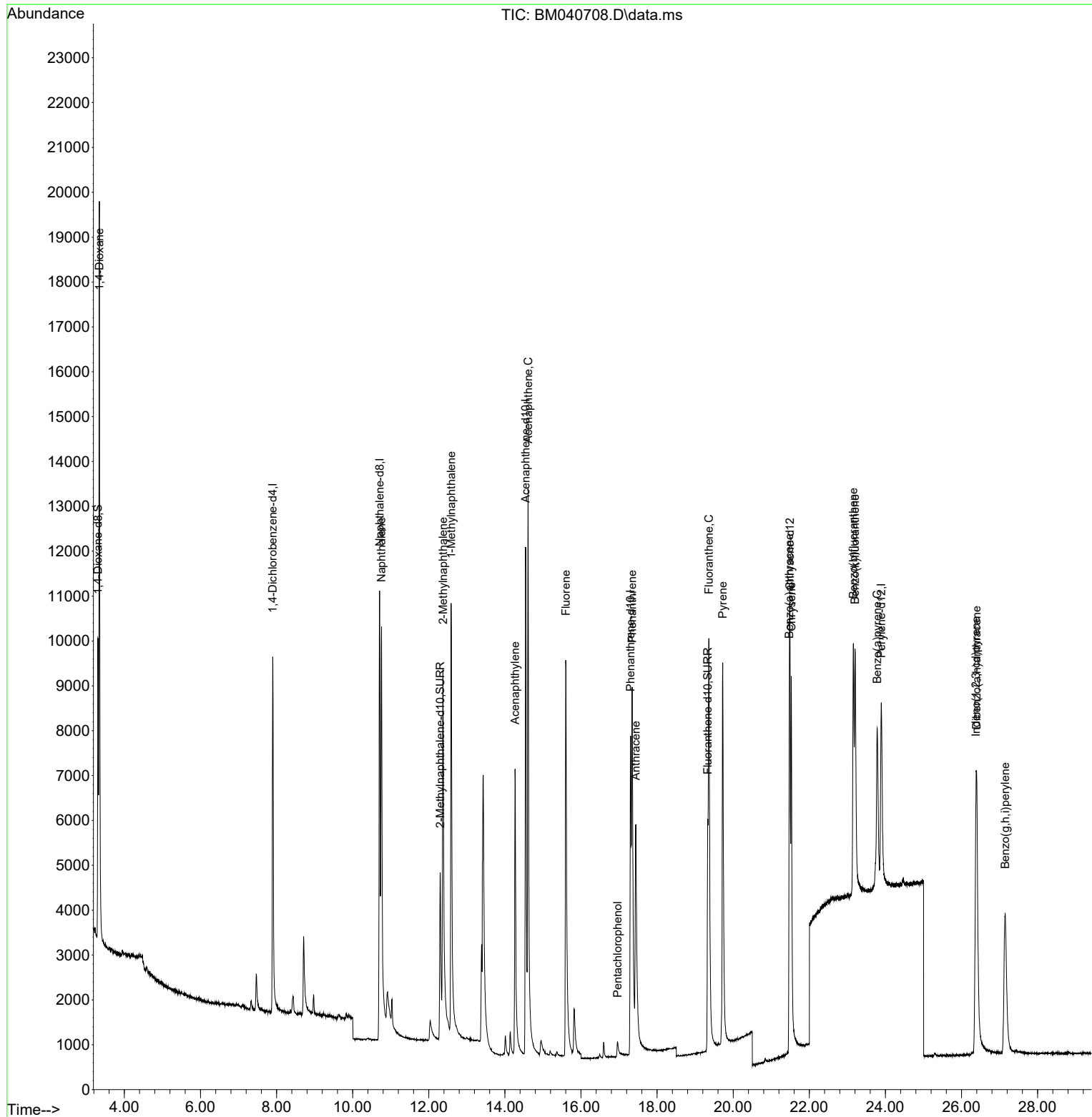
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	5086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.707	136	18698	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	8228	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	13287	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	8196	0.400	ng/ul	0.00
23) Perylene-d12	23.892	264	7873	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	4488	0.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	7909	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	8906	0.339	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	11272	1.386	ng/ul	90
5) Naphthalene	10.757	128	15965	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.374	142	9119	0.301	ng/ul	98
8) 1-Methylnaphthalene	12.588	142	8599	0.284	ng/ul	98
10) Acenaphthylene	14.268	152	10802	0.294	ng/ul	98
11) Acenaphthene	14.610	153	9216	0.297	ng/ul	98
12) Fluorene	15.600	166	9489	0.286	ng/ul	99
14) Pentachlorophenol	16.961	266	494	0.193	ng/ul	96
15) Phenanthrene	17.345	178	12046	0.292	ng/ul	97
16) Anthracene	17.438	178	10217	0.295	ng/ul	97
19) Fluoranthene	19.361	202	11244	0.323	ng/ul	99
20) Pyrene	19.724	202	11587	0.310	ng/ul	98
21) Benzo(a)anthracene	21.474	228	8428	0.304	ng/ul	98
22) Chrysene	21.527	228	9444	0.299	ng/ul	100
24) Benzo(b)fluoranthene	23.158	252	9464	0.311	ng/ul	89
25) Benzo(k)fluoranthene	23.202	252	9571	0.319	ng/ul#	87
26) Benzo(a)pyrene	23.783	252	8274	0.301	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.381	276	11538	0.302	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.397	278	9054	0.303	ng/ul	93
29) Benzo(g,h,i)perylene	27.145	276	10378	0.310	ng/ul	98

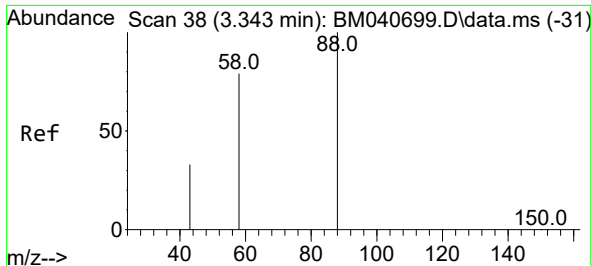
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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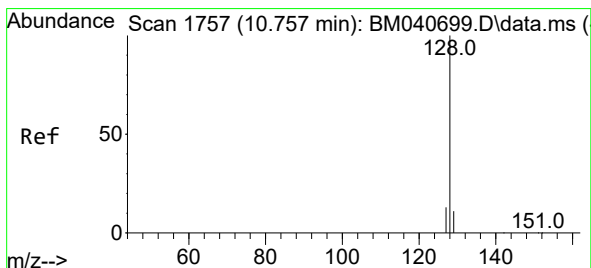
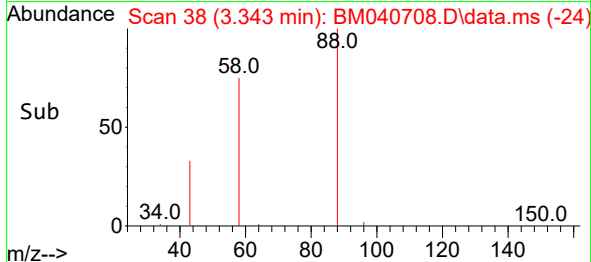
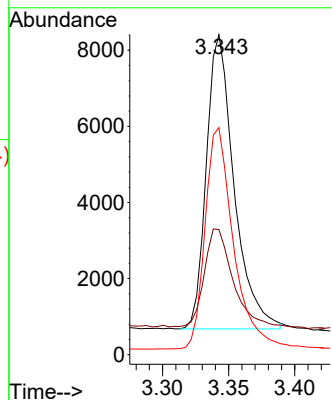
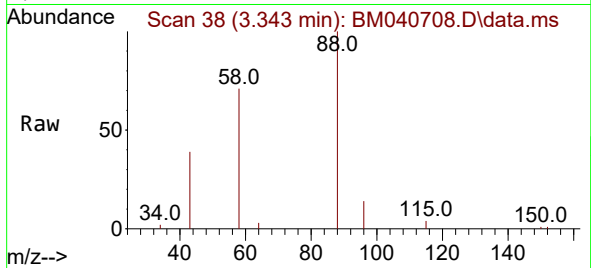




#2
1,4-Dioxane
Concen: 1.386 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

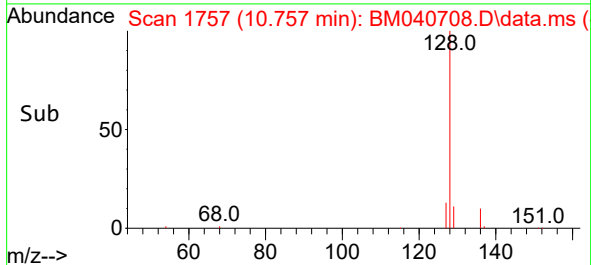
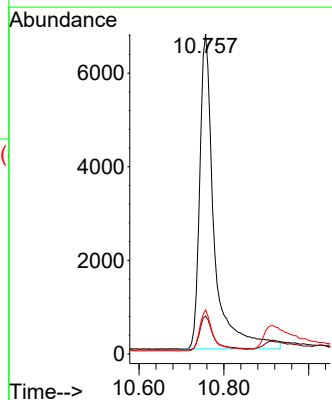
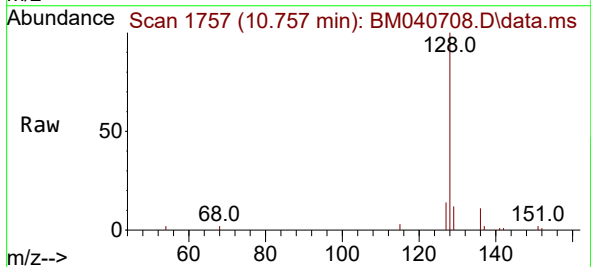
Instrument :
BNA_M
ClientSampleId :
SLCS582

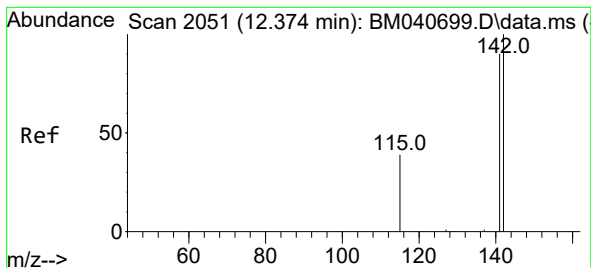
Tgt Ion: 88 Resp: 11272
Ion Ratio Lower Upper
88 100
43 39.1 36.1 54.1
58 71.0 49.8 74.8



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion: 128 Resp: 15965
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.7 10.6 15.8

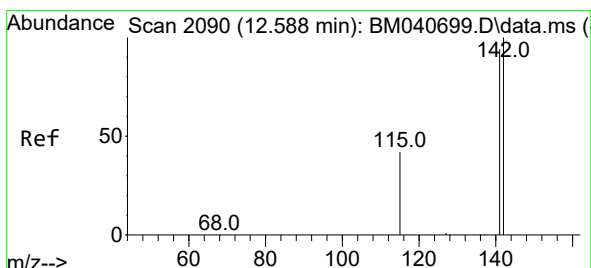
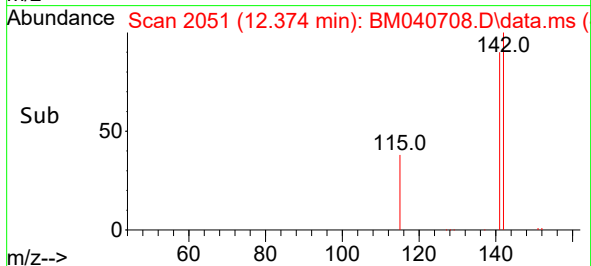
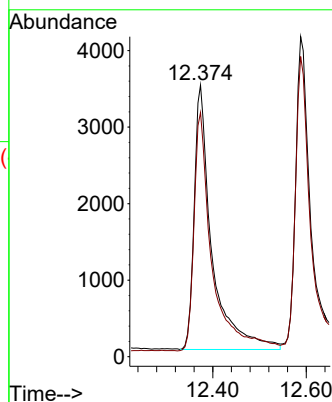
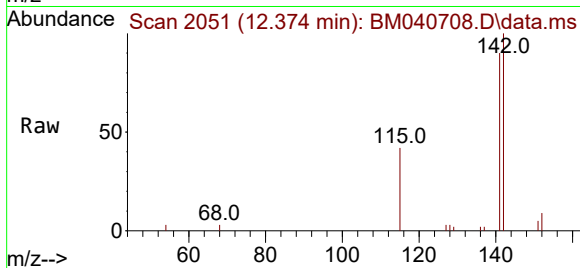




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

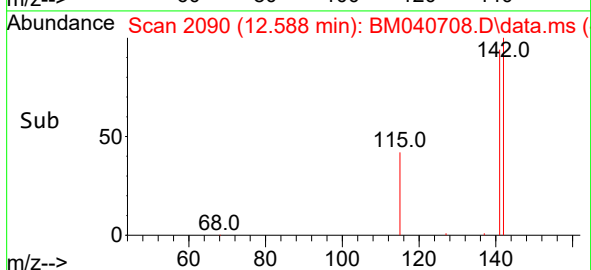
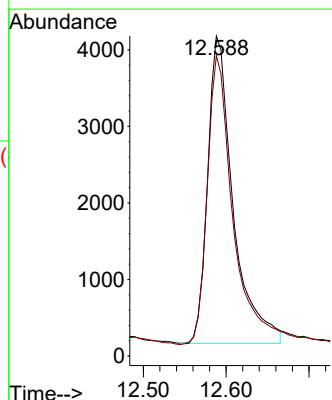
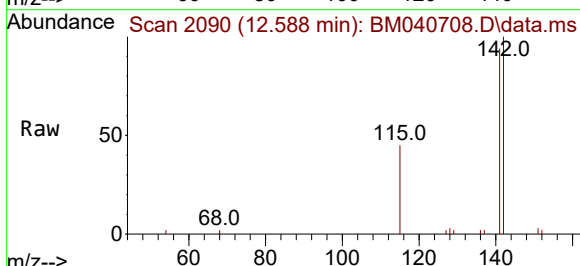
Instrument :
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ClientSampleId :
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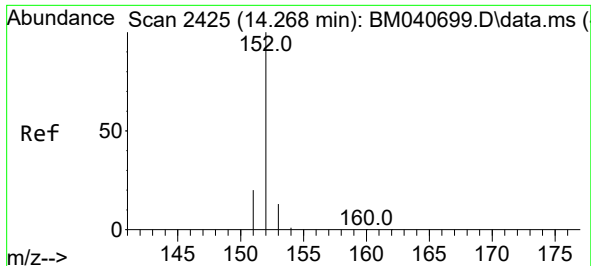
Tgt Ion:142 Resp: 9119
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:142 Resp: 8599
Ion Ratio Lower Upper
142 100
141 94.3 73.7 110.5

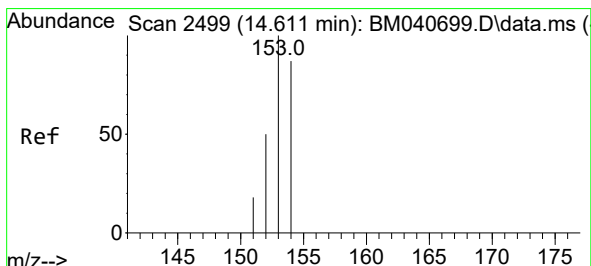
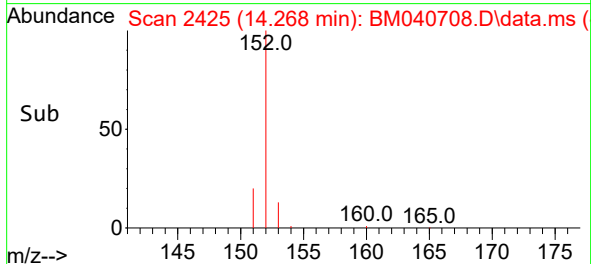
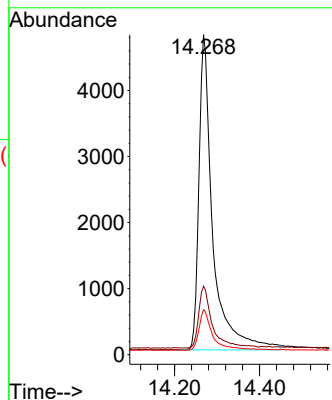
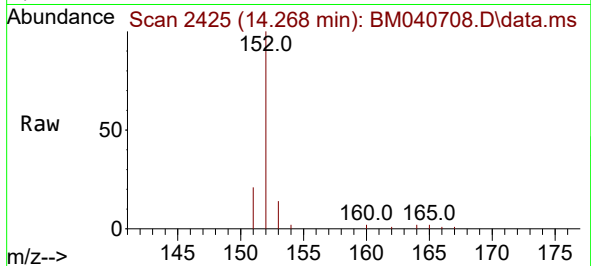




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

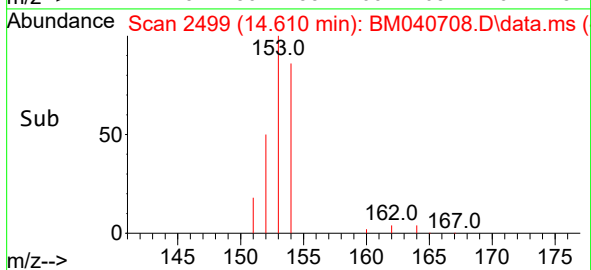
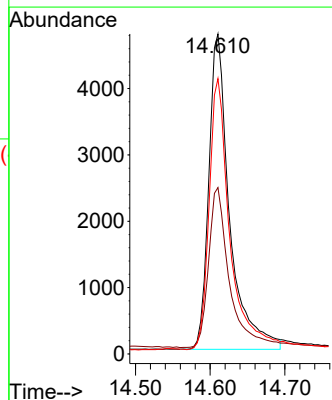
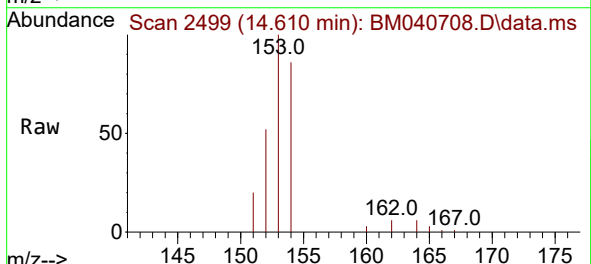
Instrument :
BNA_M
ClientSampleId :
SLCS582

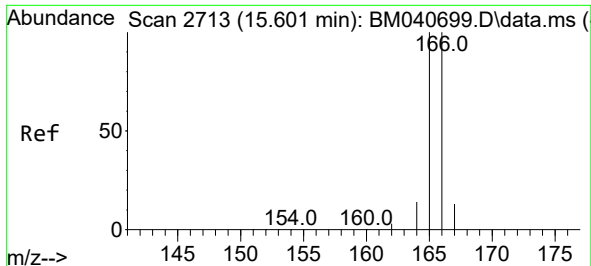
Tgt Ion:152 Resp: 10802
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.610 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:153 Resp: 9216
Ion Ratio Lower Upper
153 100
152 52.0 41.0 61.4
154 86.0 70.8 106.2

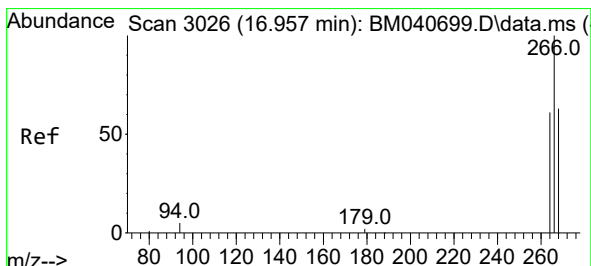
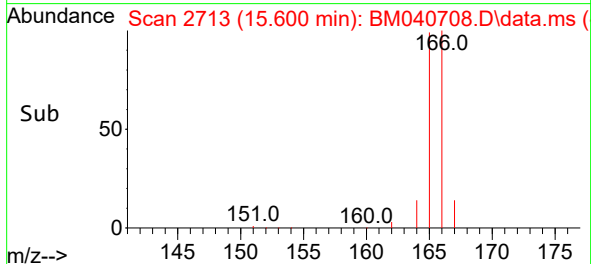
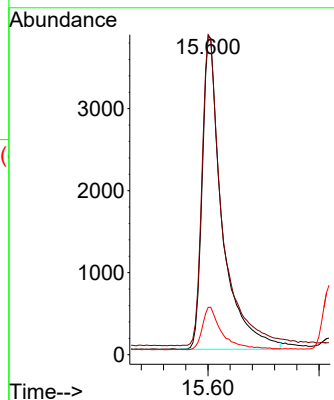
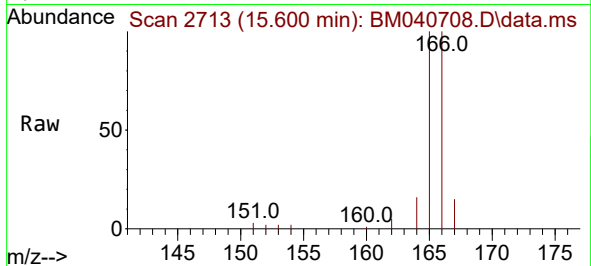




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.600 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

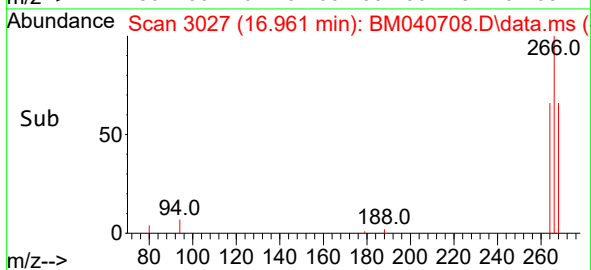
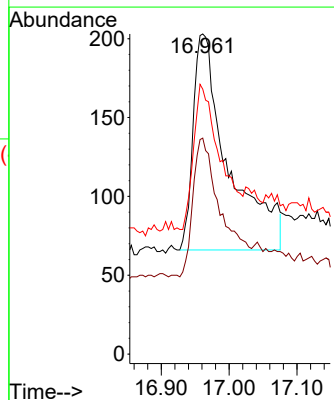
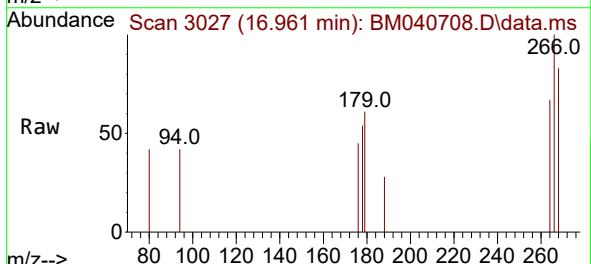
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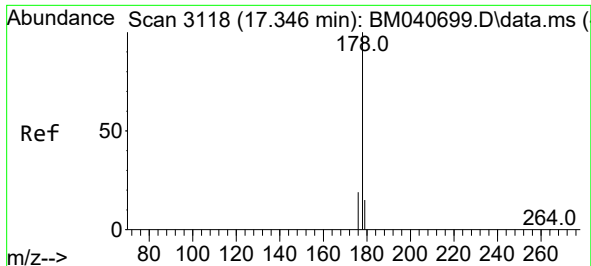
Tgt Ion:166 Resp: 9489
Ion Ratio Lower Upper
166 100
165 100.3 79.6 119.4
167 14.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.193 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. 0.004 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 61.7 45.4 68.0
268 59.3 47.2 70.8

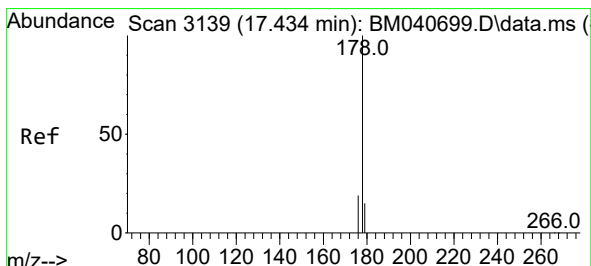
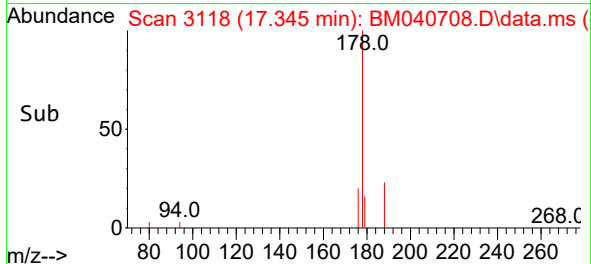
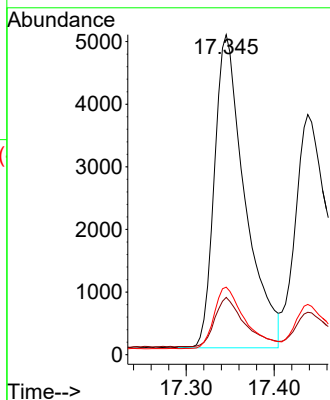
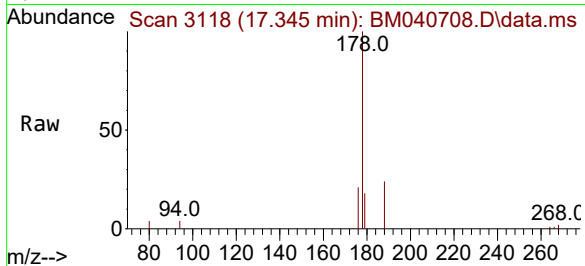




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.345 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

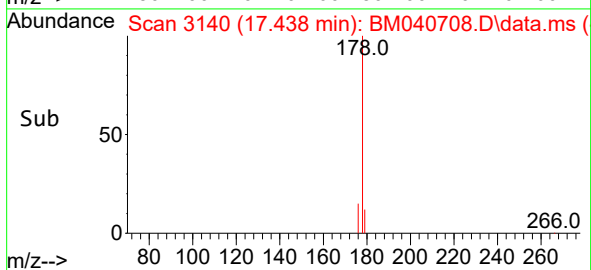
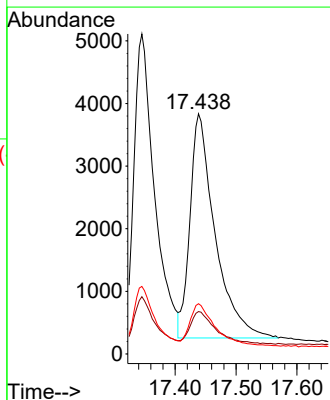
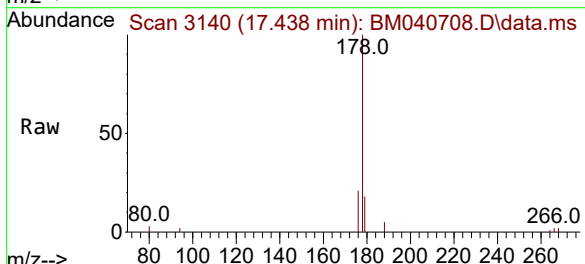
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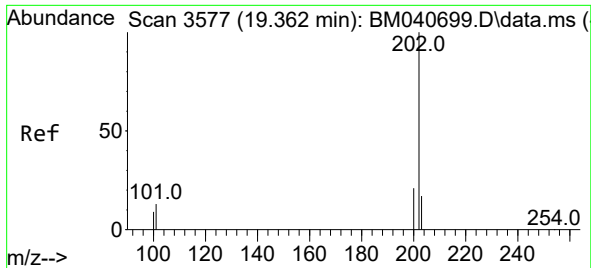
Tgt Ion:178 Resp: 12046
Ion Ratio Lower Upper
178 100
179 17.9 12.8 19.2
176 21.1 16.4 24.6



#16
Anthracene
Concen: 0.295 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:178 Resp: 10217
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.9 15.8 23.6

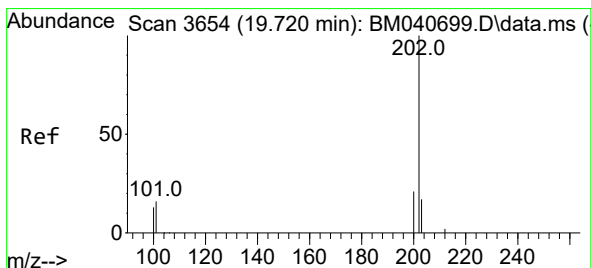
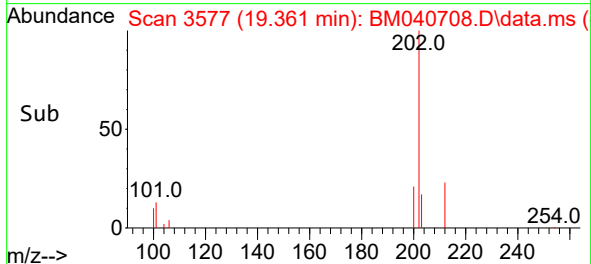
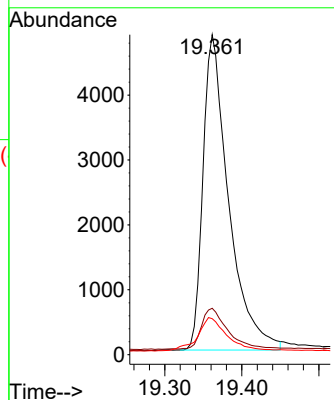
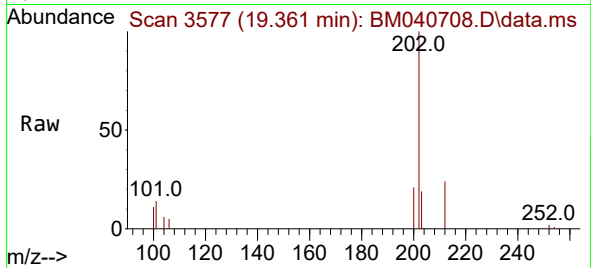




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.361 min Scan# 3577
Delta R.T. -0.000 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

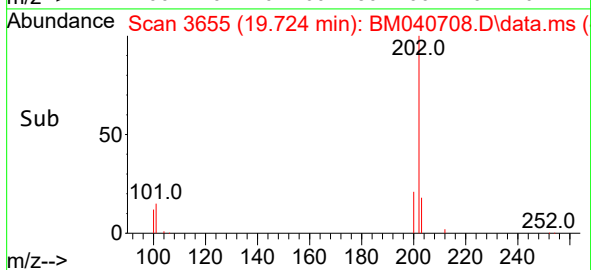
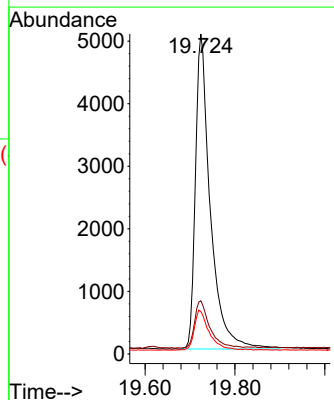
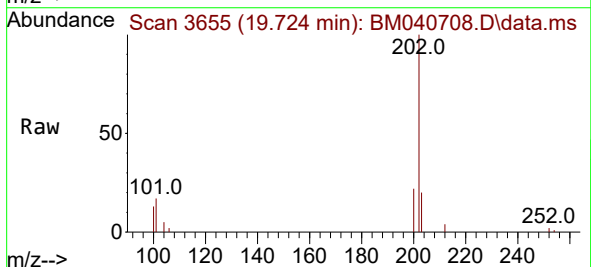
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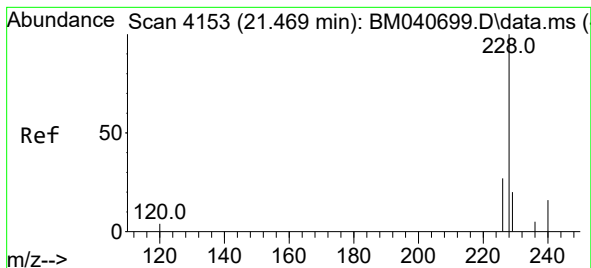
Tgt Ion:202 Resp: 11244
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.3 8.7 13.1



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:202 Resp: 11587
Ion Ratio Lower Upper
202 100
101 16.6 12.6 18.8
100 13.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.304 ng/ul

RT: 21.474 min Scan# 4155

Delta R.T. 0.006 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

Instrument :

BNA_M

ClientSampleId :

SLCS582

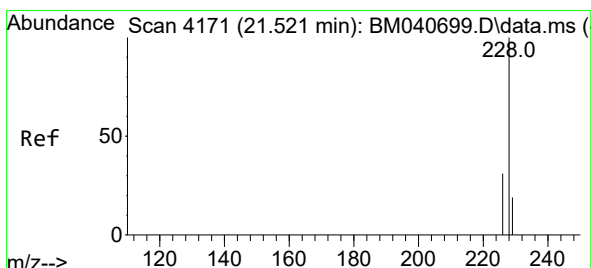
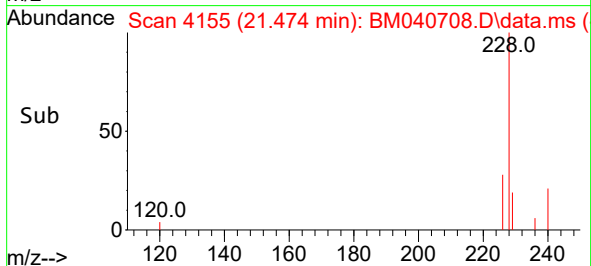
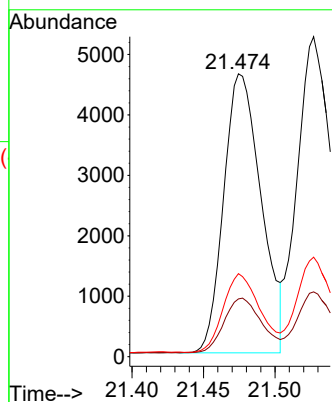
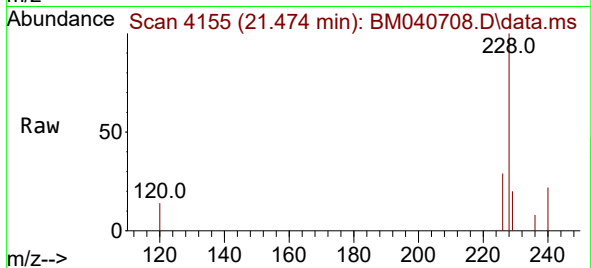
Tgt Ion:228 Resp: 8428

Ion Ratio Lower Upper

228 100

229 20.4 16.0 24.0

226 29.3 22.3 33.5



#22

Chrysene

Concen: 0.299 ng/ul

RT: 21.527 min Scan# 4173

Delta R.T. 0.006 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

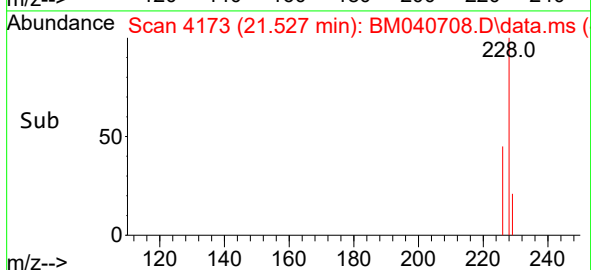
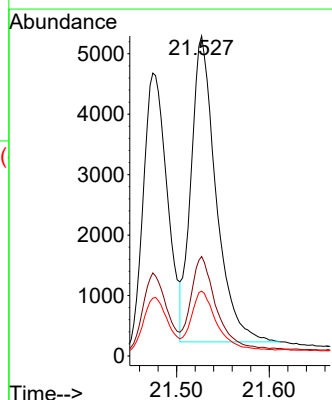
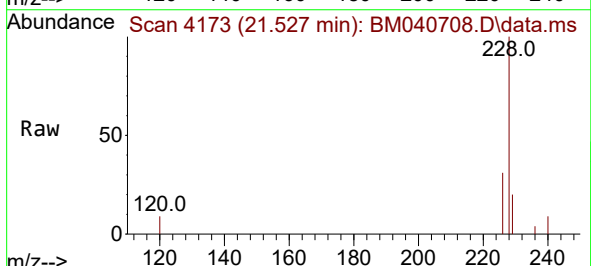
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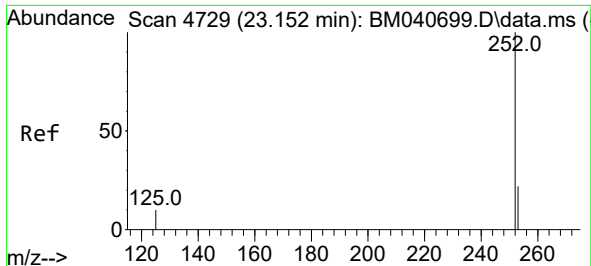
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.3 15.8 23.6

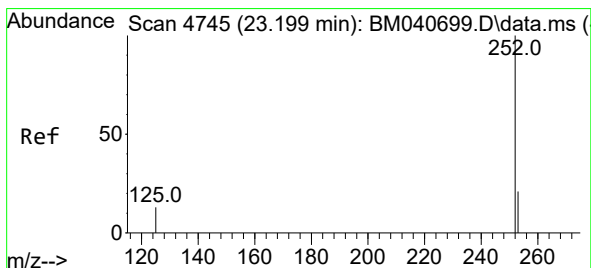
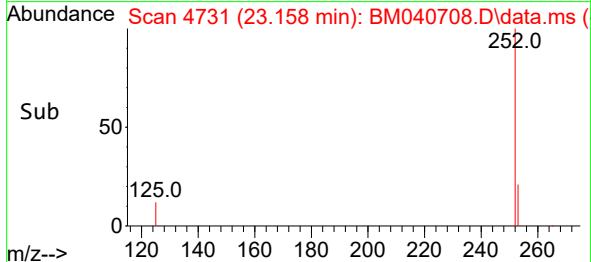
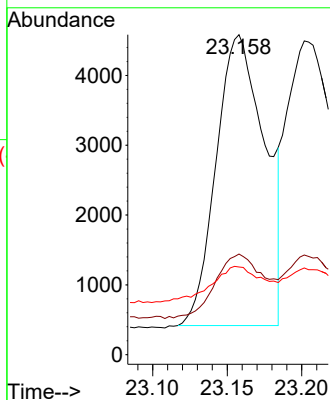
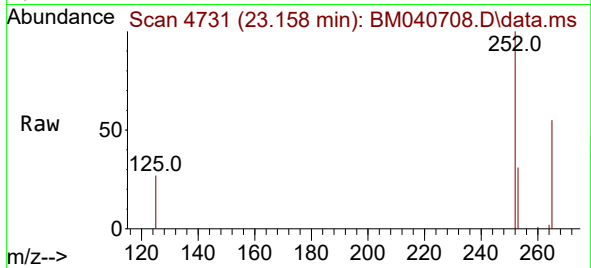




#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 23.158 min Scan# 4731
Delta R.T. 0.006 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

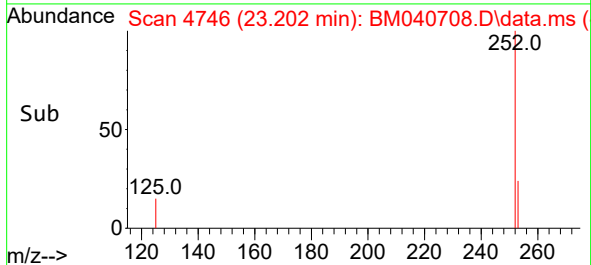
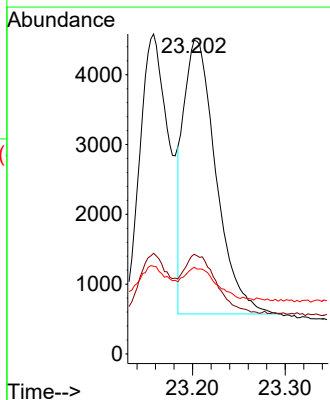
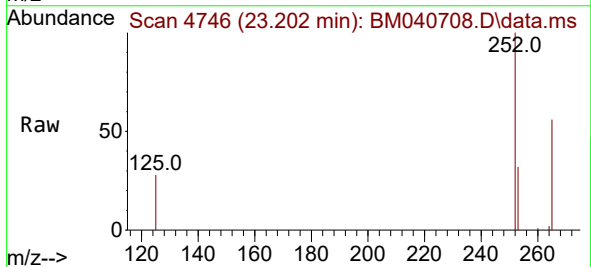
Instrument :
BNA_M
ClientSampleId :
SLCS582

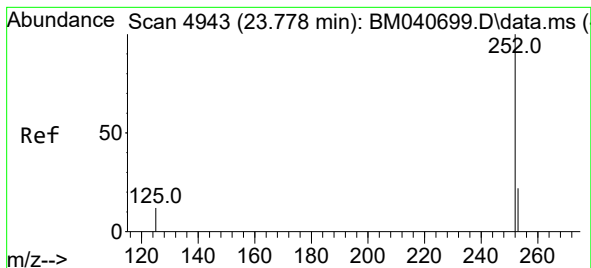
Tgt Ion:252 Resp: 9464
Ion Ratio Lower Upper
252 100
253 31.5 0.0 52.8
125 27.4 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM040708.D
Acq: 07 Jul 2023 11:18

Tgt Ion:252 Resp: 9571
Ion Ratio Lower Upper
252 100
253 31.8 21.2 31.8
125 27.7 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.301 ng/ul

RT: 23.783 min Scan# 4943

Delta R.T. 0.006 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

Instrument :

BNA_M

ClientSampleId :

SLCS582

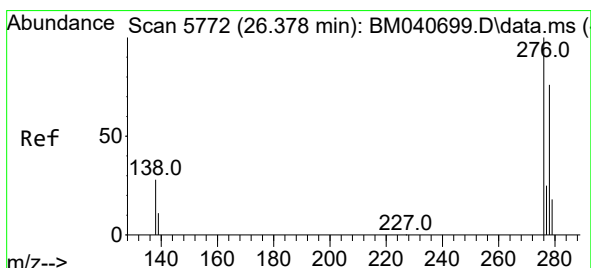
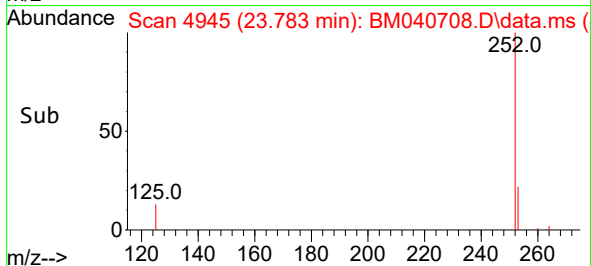
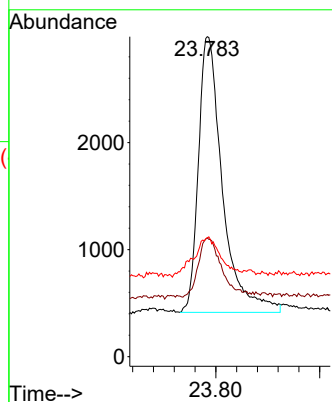
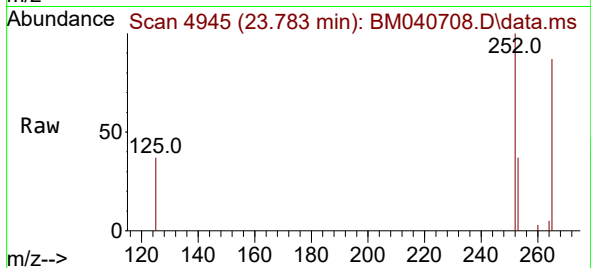
Tgt Ion:252 Resp: 8274

Ion Ratio Lower Upper

252 100

253 37.2 22.9 34.3#

125 37.1 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.302 ng/ul

RT: 26.381 min Scan# 5773

Delta R.T. 0.003 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

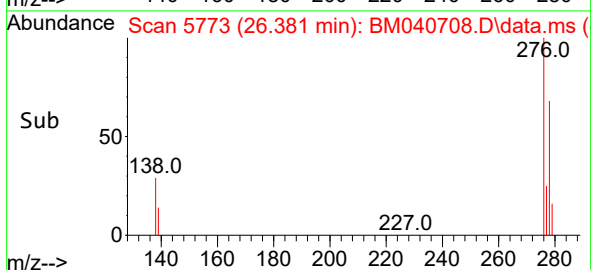
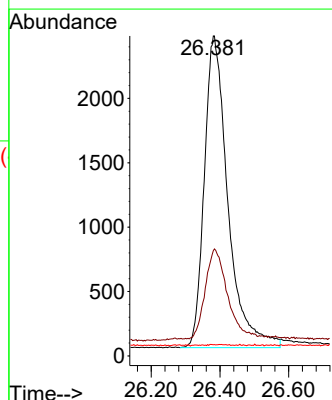
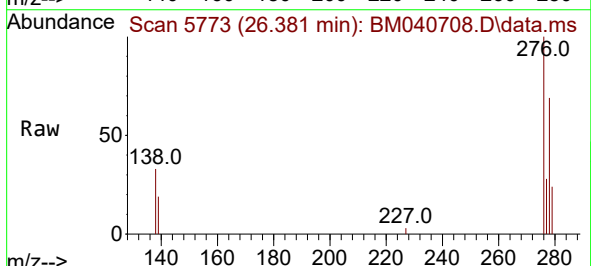
Tgt Ion:276 Resp: 11538

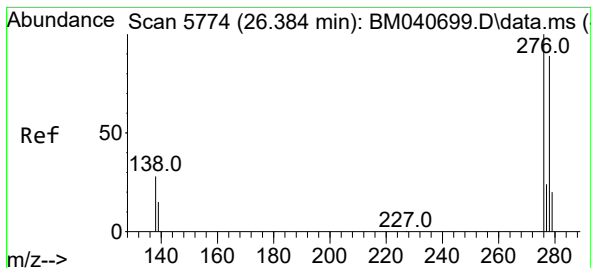
Ion Ratio Lower Upper

276 100

138 27.6 24.5 36.7

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.303 ng/ul

RT: 26.397 min Scan# 5

Delta R.T. 0.013 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

Instrument :

BNA_M

ClientSampleId :

SLCS582

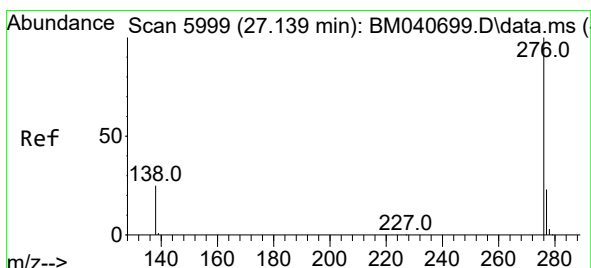
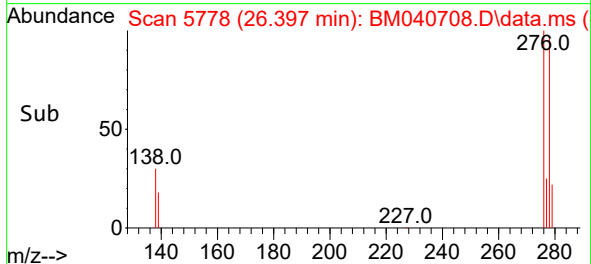
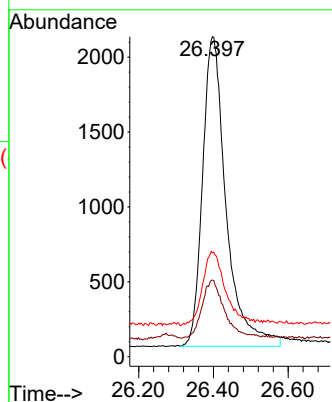
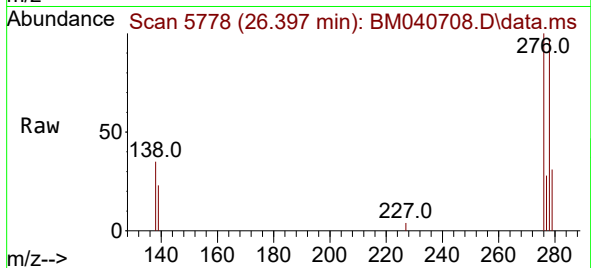
Tgt Ion:278 Resp: 9054

Ion Ratio Lower Upper

278 100

139 24.0 17.9 26.9

279 32.4 22.0 33.0



#29

Benzo(g,h,i)perylene

Concen: 0.310 ng/ul

RT: 27.145 min Scan# 6001

Delta R.T. 0.006 min

Lab File: BM040708.D

Acq: 07 Jul 2023 11:18

Tgt Ion:276 Resp: 10378

Ion Ratio Lower Upper

276 100

138 29.7 23.0 34.6

277 27.2 20.3 30.5

