

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042066.D
 Acq On : 26 Sep 2023 12:03
 Operator : MA/JU
 Sample : PB155721BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS721

Quant Time: Sep 27 04:25:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

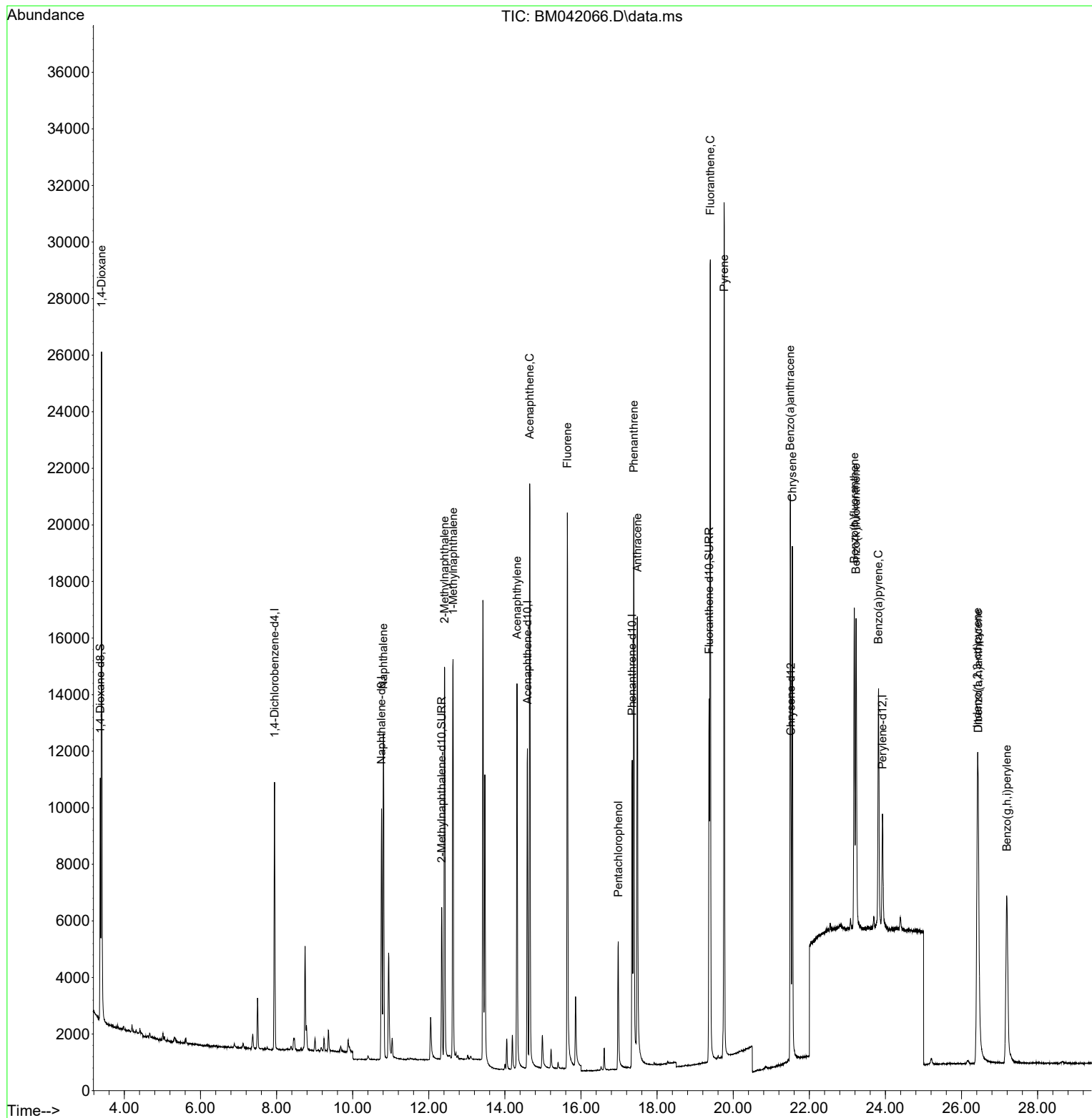
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	4721	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	11827	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	5984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	12567	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	5843	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	5691	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	4771	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	7111	0.480	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	11888	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	14308	2.114	ng/ul#	86
5) Naphthalene	10.807	128	16069	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	10204	0.432	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	9911	0.413	ng/ul	99
10) Acenaphthylene	14.319	152	16654	0.415	ng/ul	100
11) Acenaphthene	14.652	153	12248	0.399	ng/ul	99
12) Fluorene	15.642	166	13991	0.404	ng/ul	100
14) Pentachlorophenol	16.978	266	3537	0.532	ng/ul	100
15) Phenanthrene	17.388	178	22256	0.382	ng/ul	100
16) Anthracene	17.481	178	20125	0.400	ng/ul	100
19) Fluoranthene	19.399	202	24474	0.371	ng/ul	97
20) Pyrene	19.766	202	25234	0.389	ng/ul	95
21) Benzo(a)anthracene	21.501	228	16462	0.372	ng/ul	99
22) Chrysene	21.553	228	16344	0.357	ng/ul	99
24) Benzo(b)fluoranthene	23.181	252	15291	0.349	ng/ul	96
25) Benzo(k)fluoranthene	23.228	252	14990	0.352	ng/ul	96
26) Benzo(a)pyrene	23.819	252	13732	0.381	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.418	276	16964	0.343	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.438	278	12598	0.353	ng/ul	98
29) Benzo(g,h,i)perylene	27.189	276	14289	0.344	ng/ul	97

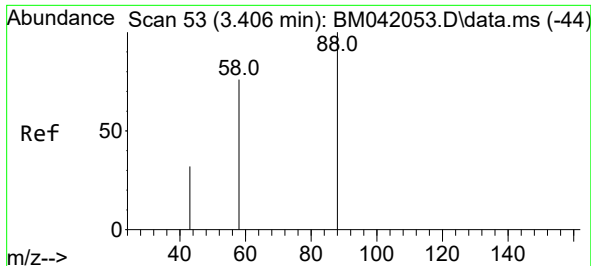
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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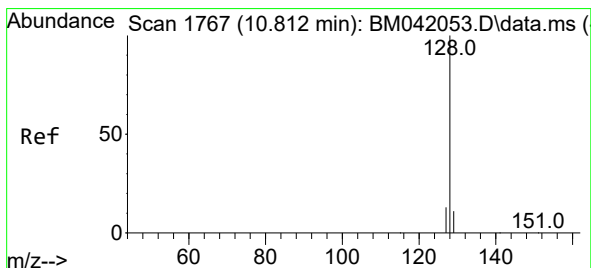
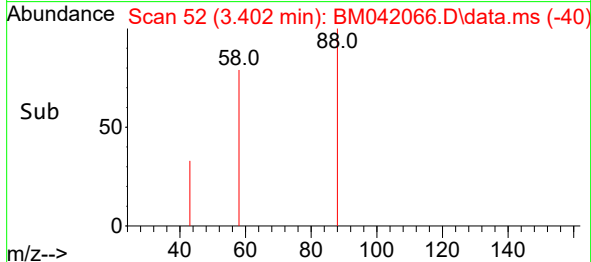
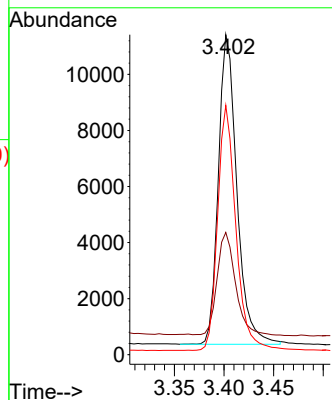
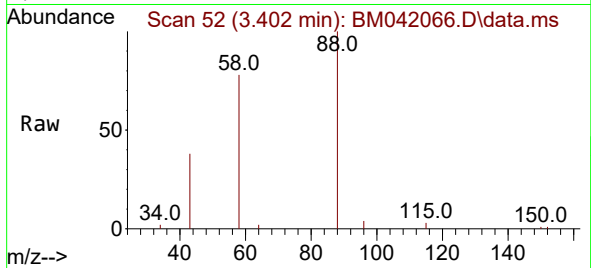




#2
1,4-Dioxane
Concen: 2.114 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

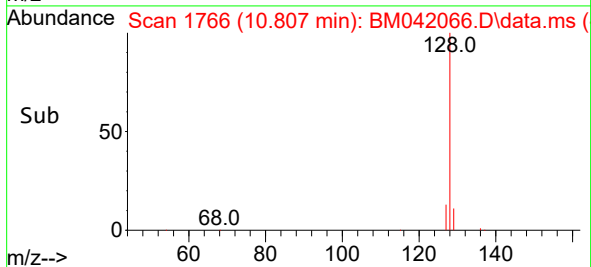
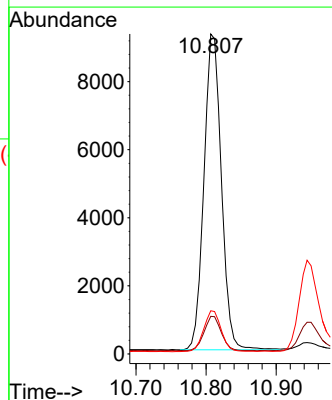
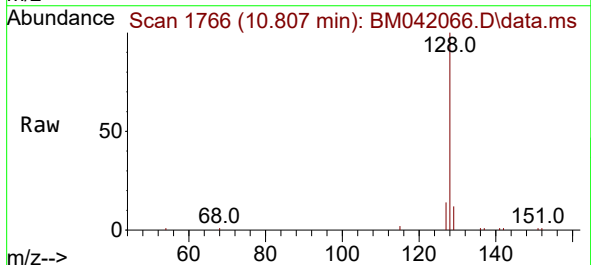
Instrument :
BNA_M
ClientSampleId :
SLCS721

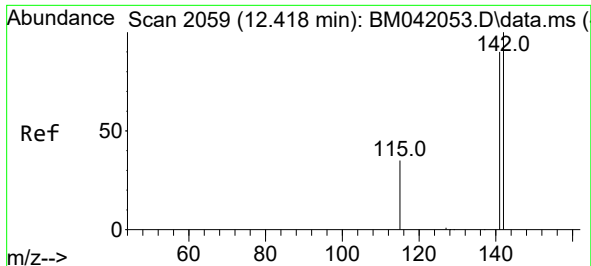
Tgt Ion: 88 Resp: 14308
Ion Ratio Lower Upper
88 100
43 38.2 42.9 64.3#
58 77.9 56.4 84.6



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion: 128 Resp: 16069
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.8 16.2

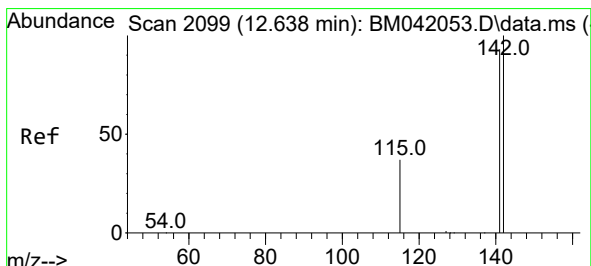
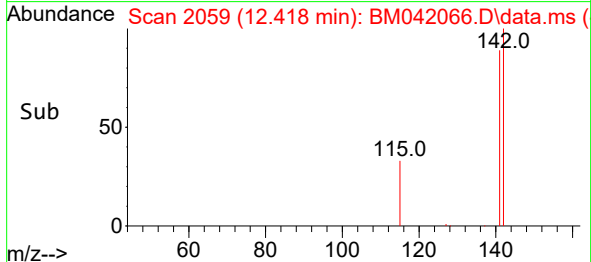
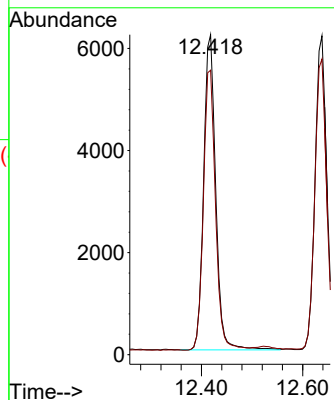
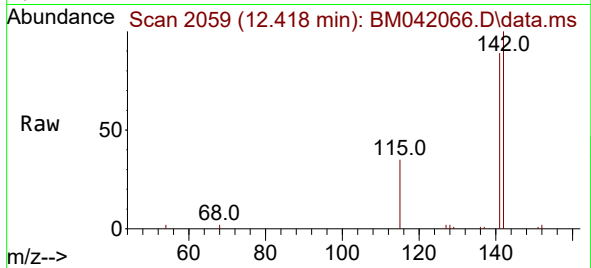




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

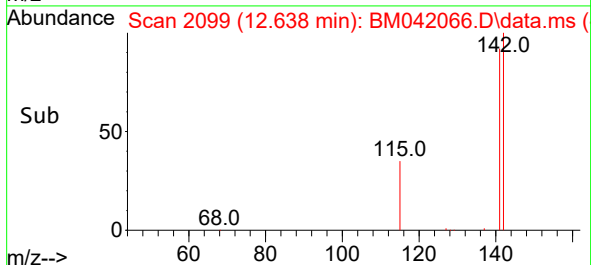
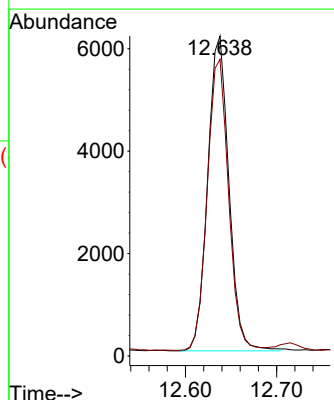
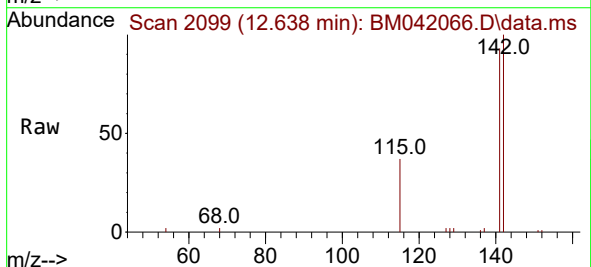
Instrument :
BNA_M
ClientSampleId :
SLCS721

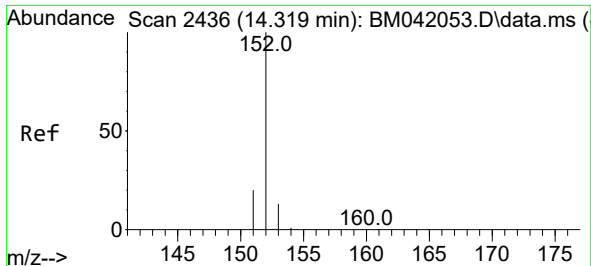
Tgt Ion:142 Resp: 10204
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:142 Resp: 9911
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

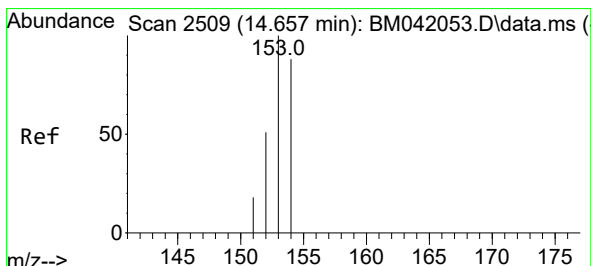
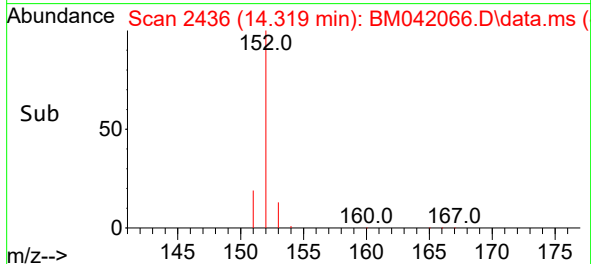
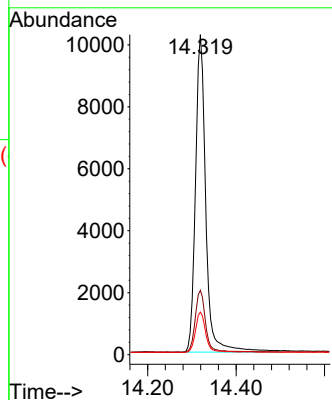
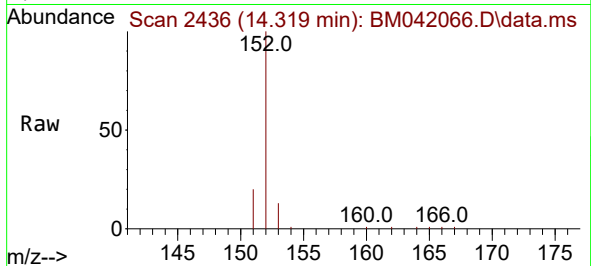




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

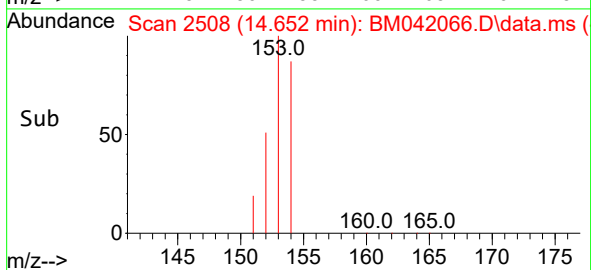
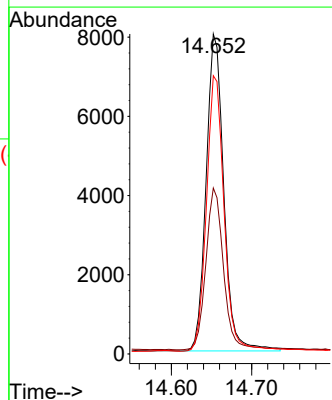
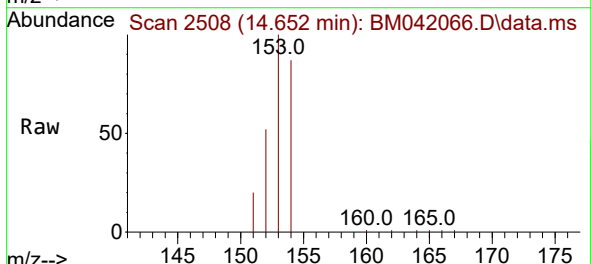
Instrument :
BNA_M
ClientSampleId :
SLCS721

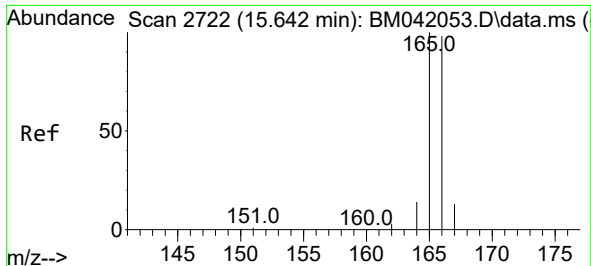
Tgt Ion:152 Resp: 16654
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:153 Resp: 12248
Ion Ratio Lower Upper
153 100
152 51.9 41.8 62.8
154 86.9 69.0 103.6

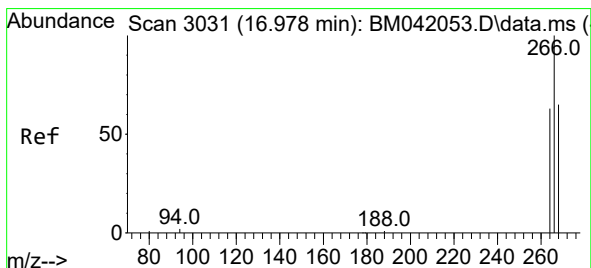
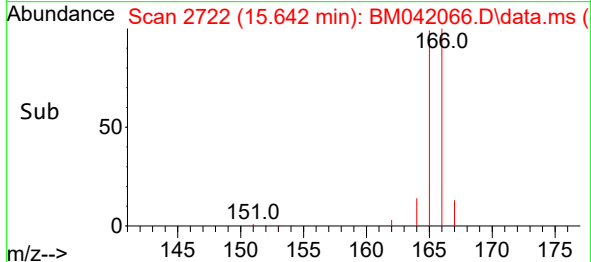
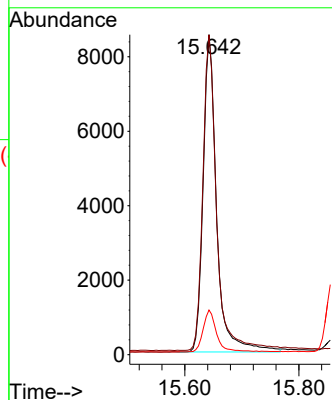
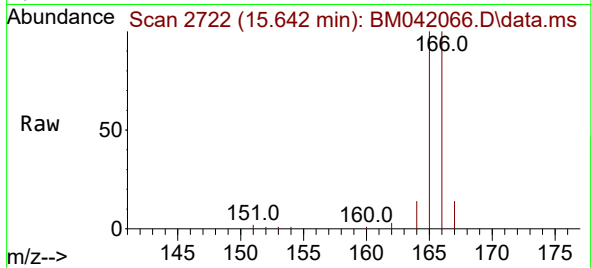




#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

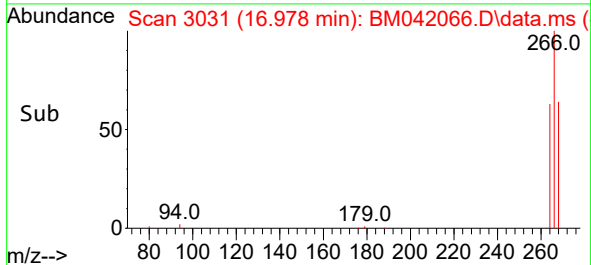
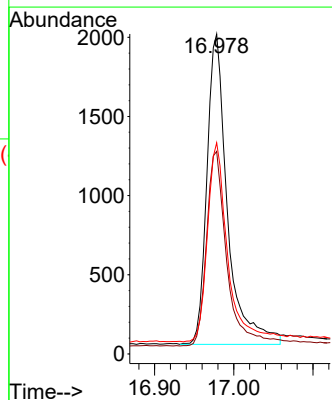
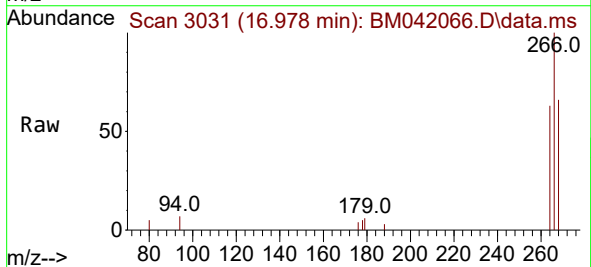
Instrument :
BNA_M
ClientSampleId :
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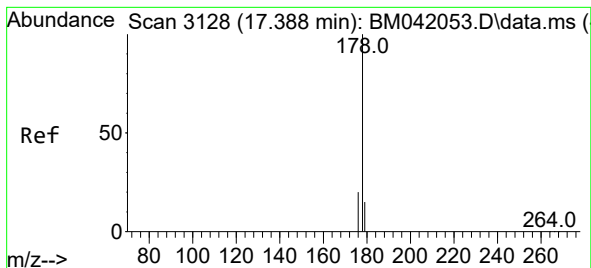
Tgt Ion:166 Resp: 13991
Ion Ratio Lower Upper
166 100
165 100.0 79.8 119.8
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:266 Resp: 3537
Ion Ratio Lower Upper
266 100
264 62.4 50.2 75.4
268 63.5 51.0 76.4





#15

Phenanthrene

Concen: 0.382 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS721

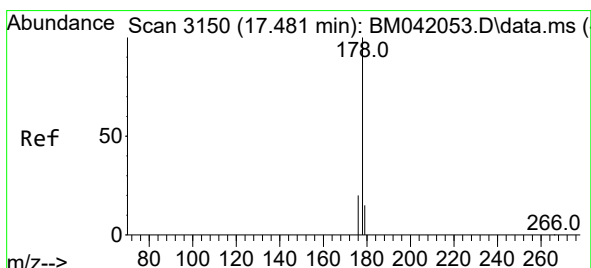
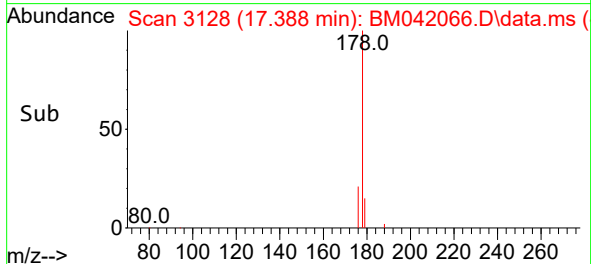
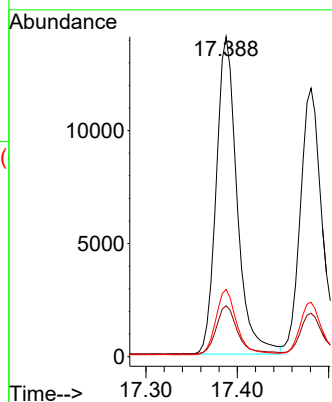
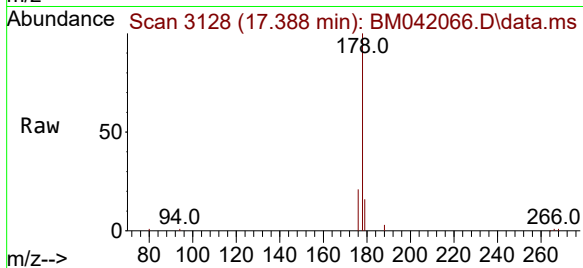
Tgt Ion:178 Resp: 22256

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 21.0 16.6 24.8



#16

Anthracene

Concen: 0.400 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

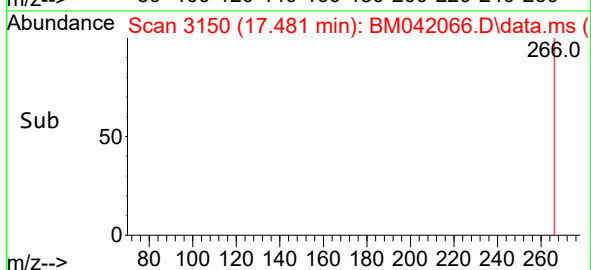
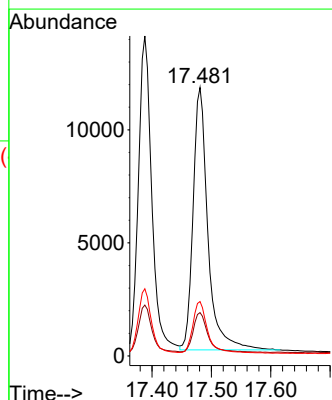
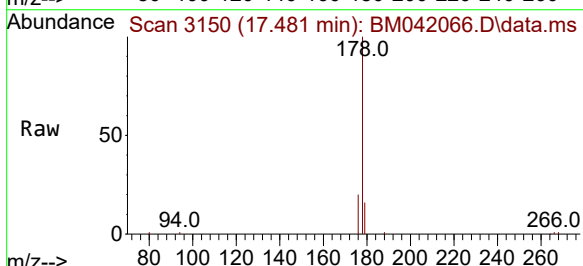
Tgt Ion:178 Resp: 20125

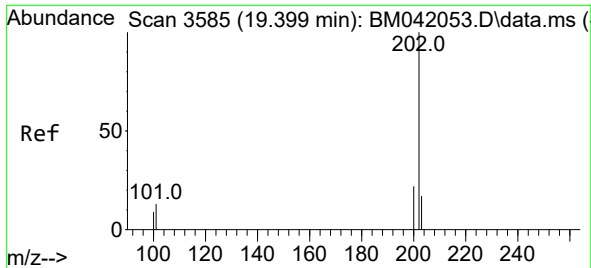
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.2 16.2 24.2

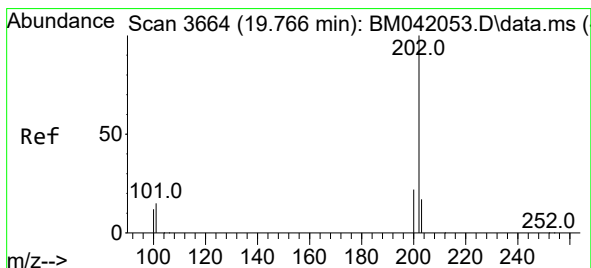
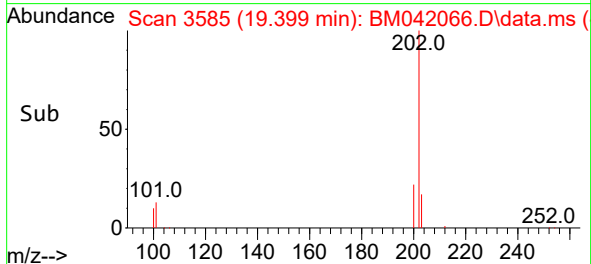
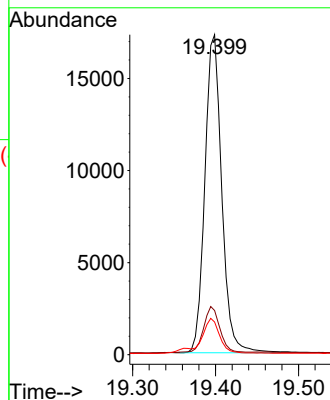
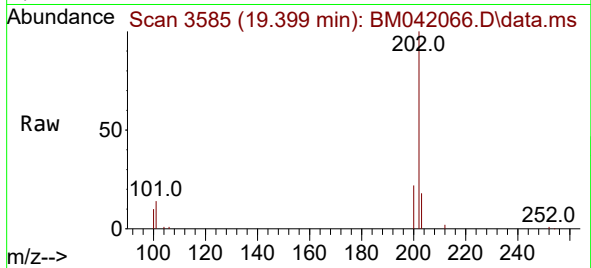




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

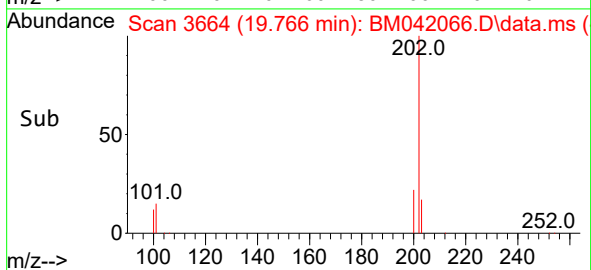
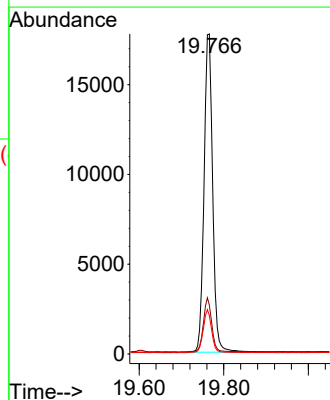
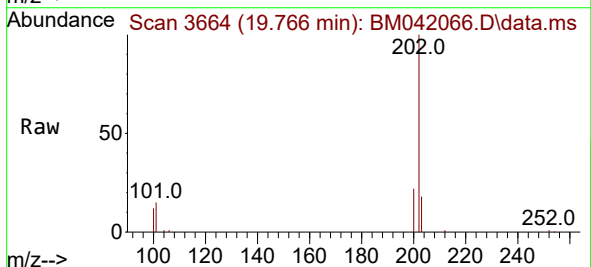
Instrument :
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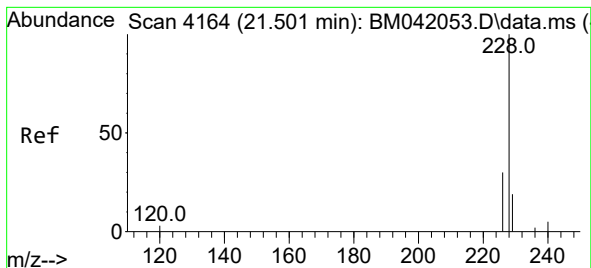
Tgt Ion:202 Resp: 24474
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.2 9.1 13.7



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:202 Resp: 25234
Ion Ratio Lower Upper
202 100
101 15.3 14.1 21.1
100 12.1 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.372 ng/ul

RT: 21.501 min Scan# 4164

Delta R.T. -0.006 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS721

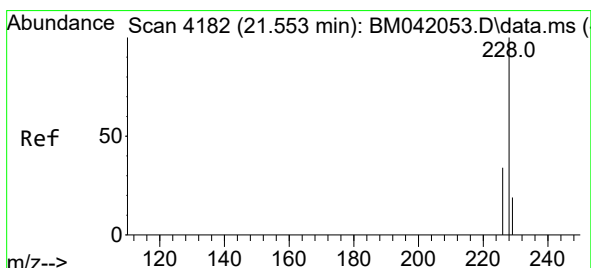
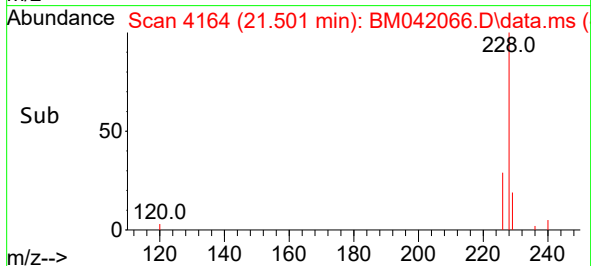
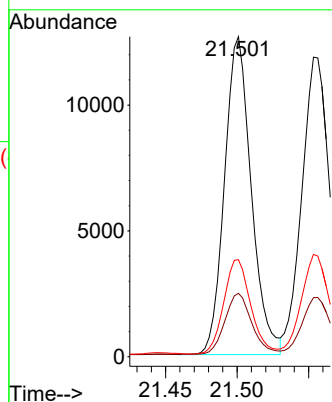
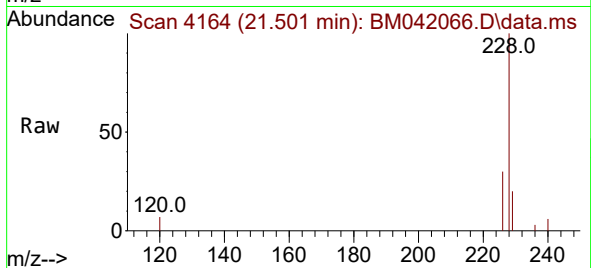
Tgt Ion:228 Resp: 16462

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 30.3 24.8 37.2



#22

Chrysene

Concen: 0.357 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. -0.009 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

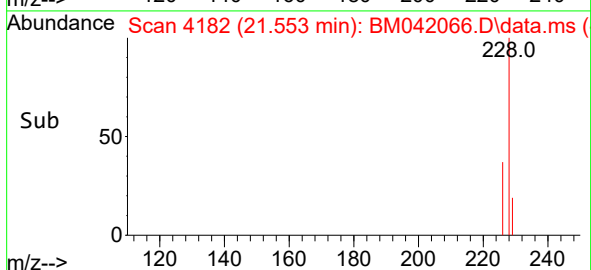
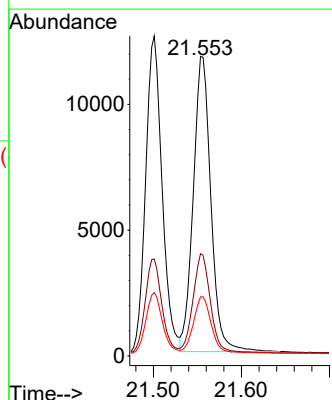
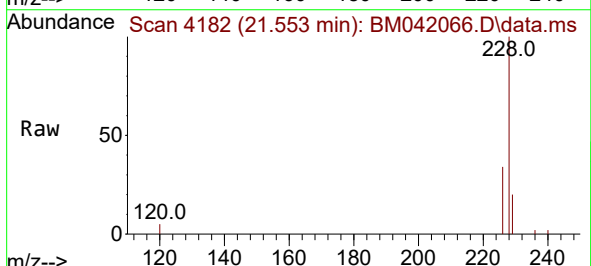
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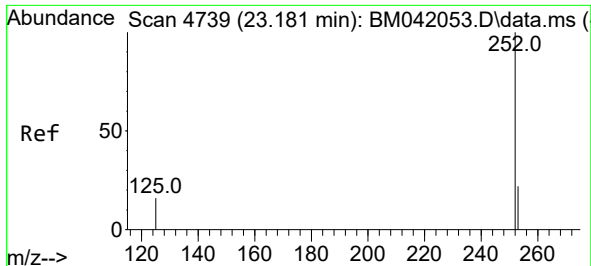
Ion Ratio Lower Upper

228 100

226 34.2 27.8 41.6

229 19.7 15.6 23.4

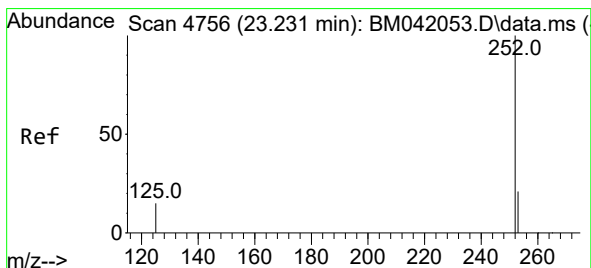
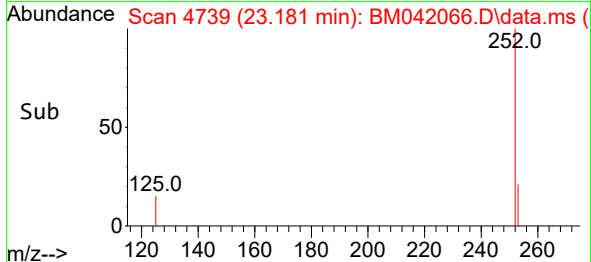
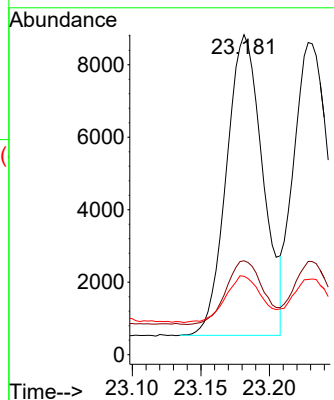
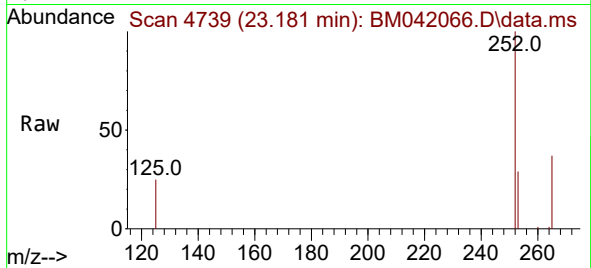




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

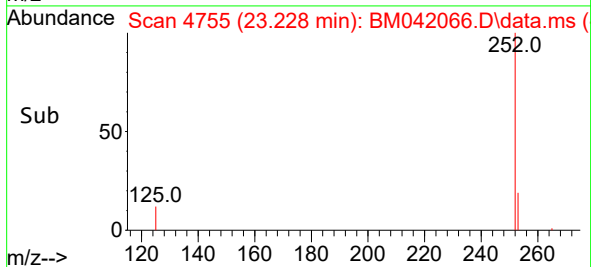
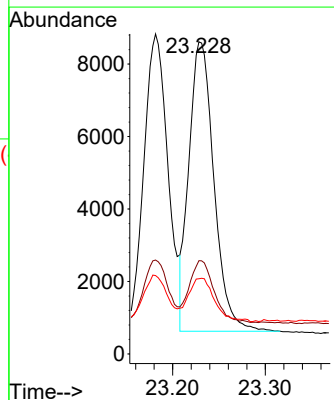
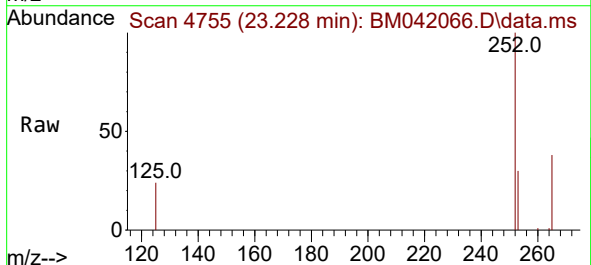
Instrument :
BNA_M
ClientSampleId :
SLCS721

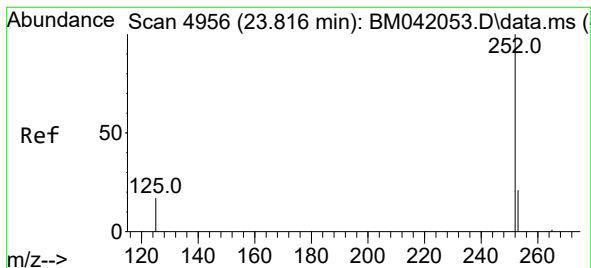
Tgt Ion:252 Resp: 15291
Ion Ratio Lower Upper
252 100
253 29.4 0.0 54.4
125 24.5 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. -0.012 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:252 Resp: 14990
Ion Ratio Lower Upper
252 100
253 29.9 21.0 31.6
125 24.1 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.819 min Scan# 4956

Delta R.T. -0.009 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS721

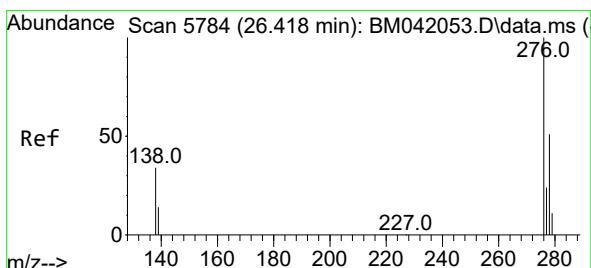
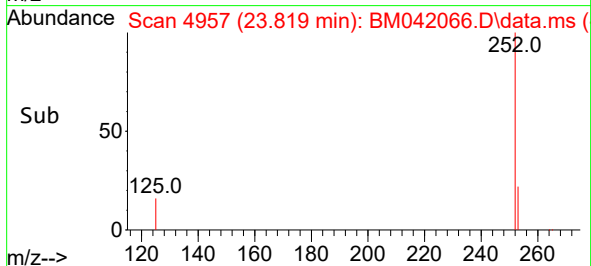
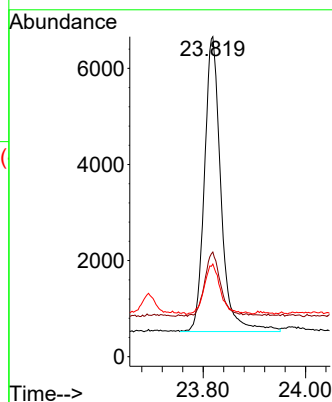
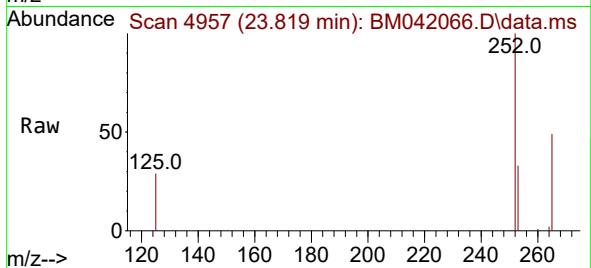
Tgt Ion:252 Resp: 13732

Ion Ratio Lower Upper

252 100

253 32.7 23.2 34.8

125 29.0 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

RT: 26.418 min Scan# 5784

Delta R.T. -0.013 min

Lab File: BM042066.D

Acq: 26 Sep 2023 12:03

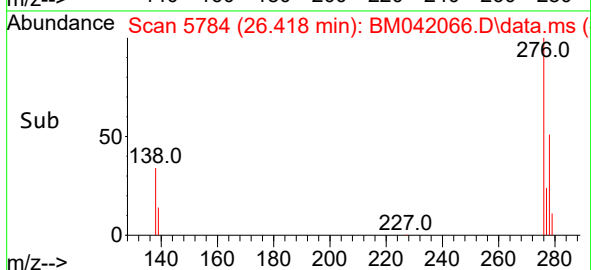
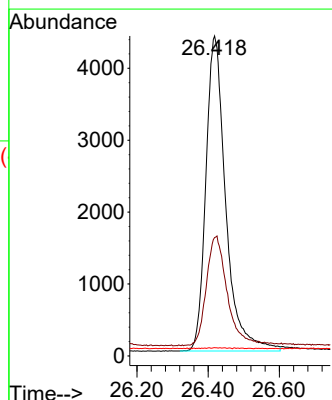
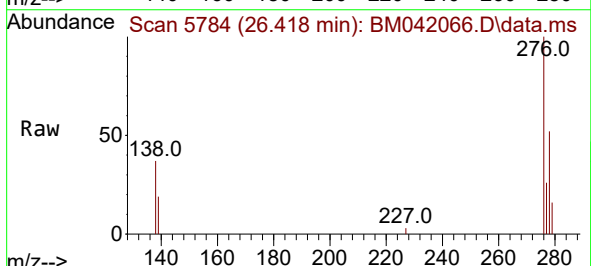
Tgt Ion:276 Resp: 16964

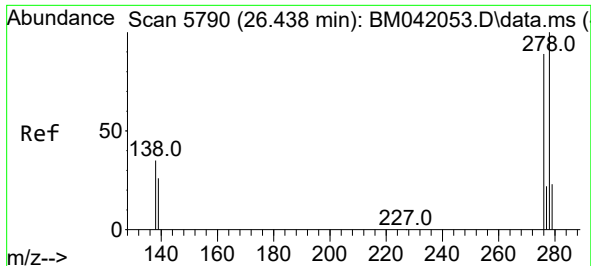
Ion Ratio Lower Upper

276 100

138 37.1 32.1 48.1

227 0.1 0.2 0.2#

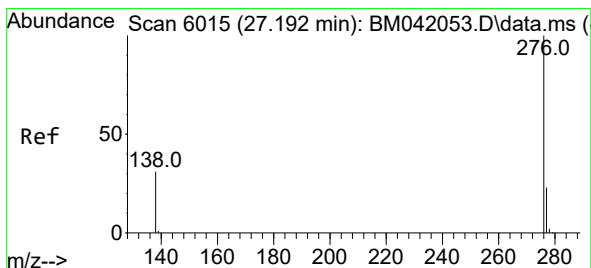
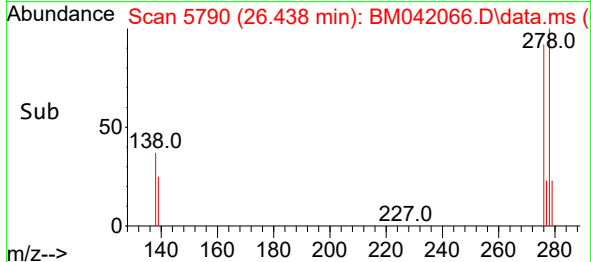
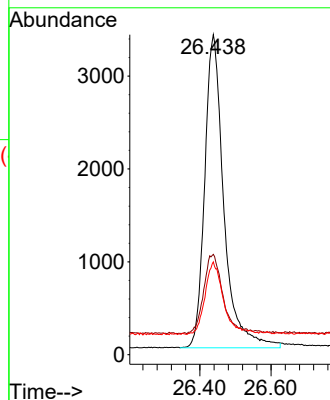
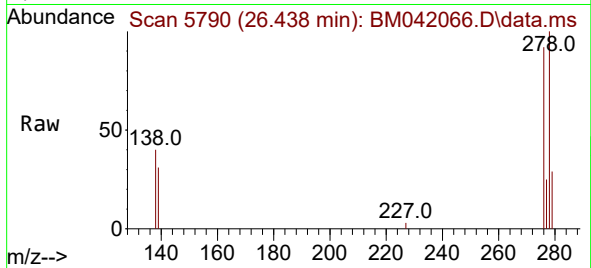




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.438 min Scan# 5790
Delta R.T. -0.013 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:278 Resp: 12598
Ion Ratio Lower Upper
278 100
139 31.4 25.0 37.6
279 29.0 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 27.189 min Scan# 6014
Delta R.T. -0.020 min
Lab File: BM042066.D
Acq: 26 Sep 2023 12:03

Tgt Ion:276 Resp: 14289
Ion Ratio Lower Upper
276 100
138 34.6 29.0 43.4
277 25.8 19.6 29.4

