

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042021.D
 Acq On : 23 Sep 2023 13:01
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4094

Quant Time: Sep 25 01:04:52 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)

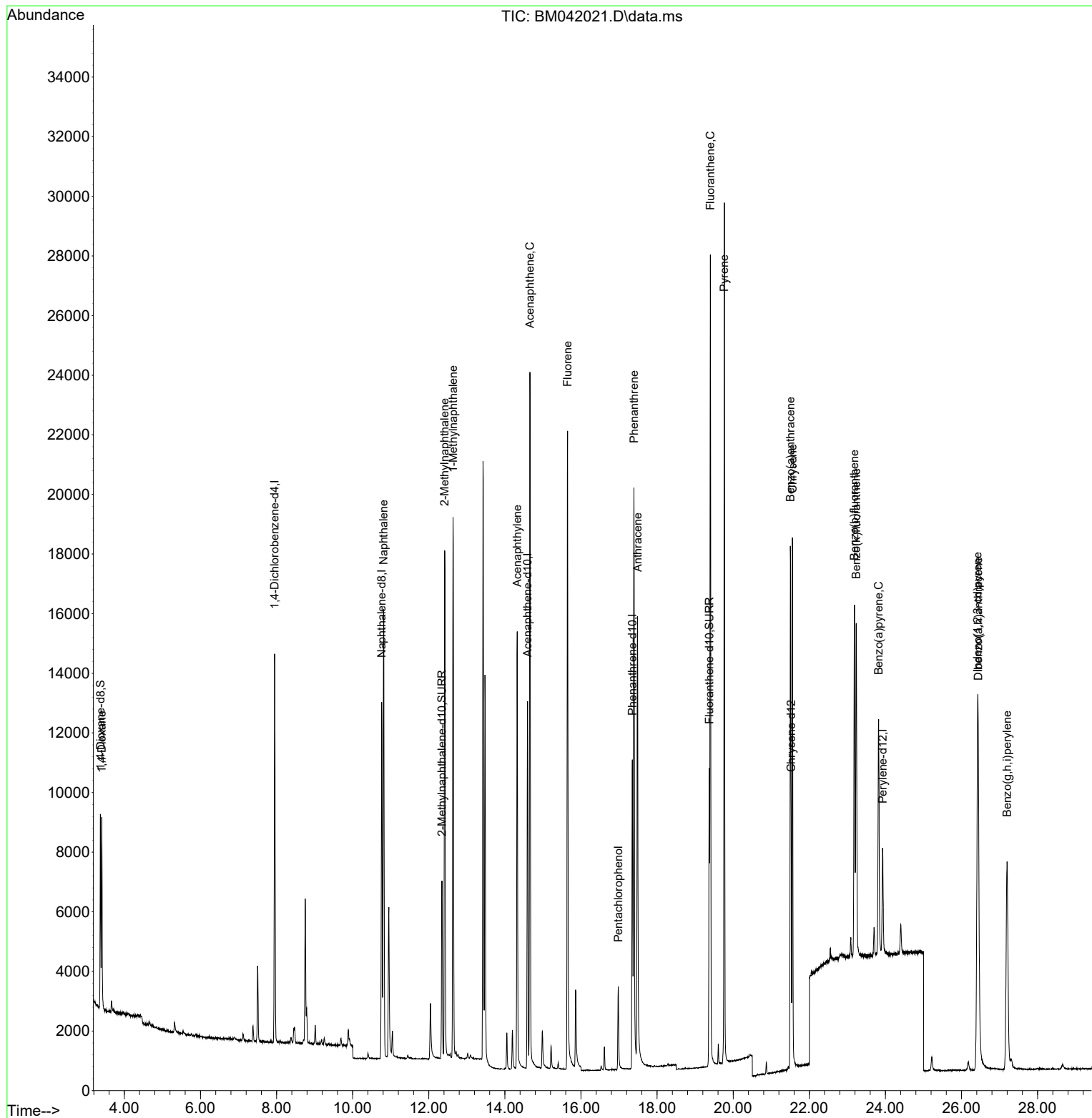
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	6500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	15223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11552	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	4558	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	3674	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	7647	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8304	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	3774	0.405	ng/ul	97
5) Naphthalene	10.812	128	20952	0.411	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	12366	0.407	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	12546	0.407	ng/ul	99
10) Acenaphthylene	14.324	152	17394	0.410	ng/ul	100
11) Acenaphthene	14.657	153	13628	0.419	ng/ul	100
12) Fluorene	15.647	166	14762	0.402	ng/ul	99
14) Pentachlorophenol	16.978	266	2034	0.333	ng/ul	99
15) Phenanthrene	17.392	178	21702	0.405	ng/ul	100
16) Anthracene	17.485	178	18978	0.410	ng/ul	99
19) Fluoranthene	19.399	202	22283	0.433	ng/ul	98
20) Pyrene	19.766	202	22524	0.445	ng/ul	99
21) Benzo(a)anthracene	21.504	228	14439	0.418	ng/ul	100
22) Chrysene	21.556	228	15031	0.421	ng/ul	99
24) Benzo(b)fluoranthene	23.184	252	15407	0.423	ng/ul	98
25) Benzo(k)fluoranthene	23.234	252	14612	0.413	ng/ul	98
26) Benzo(a)pyrene	23.822	252	12812	0.428	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.421	276	17954	0.437	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.438	278	12825	0.432	ng/ul	99
29) Benzo(g,h,i)perylene	27.196	276	15399	0.446	ng/ul	98

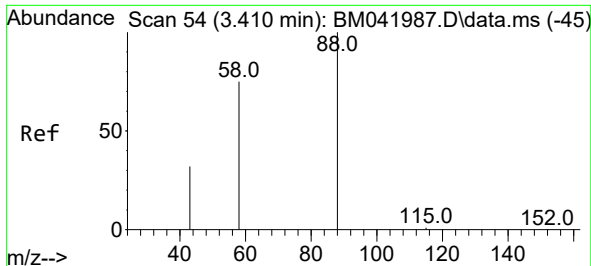
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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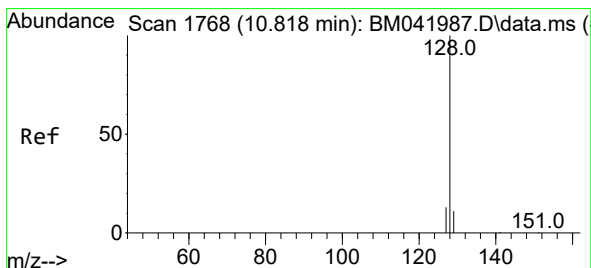
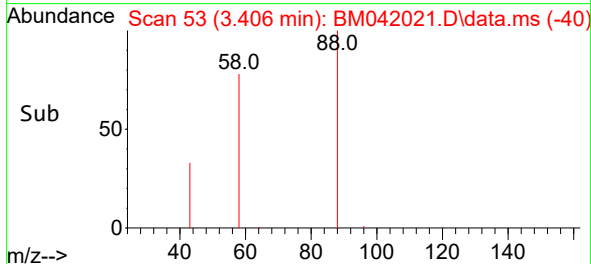
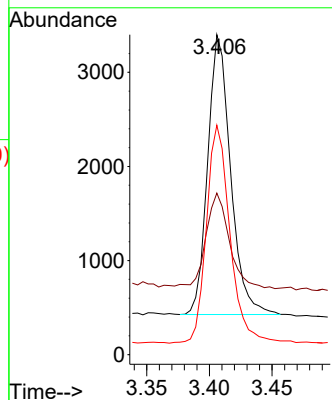
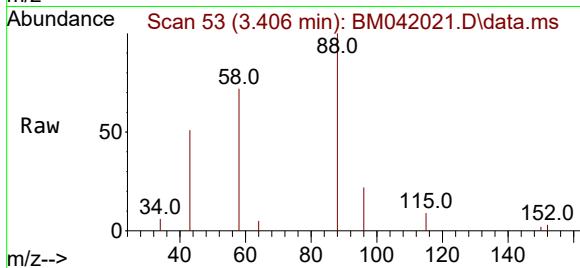




#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

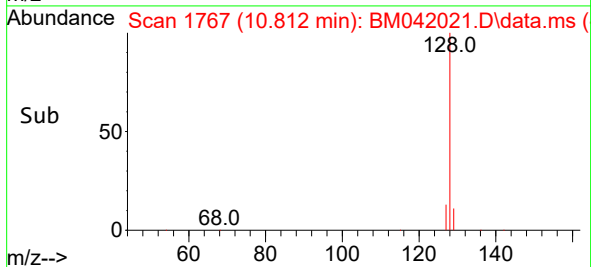
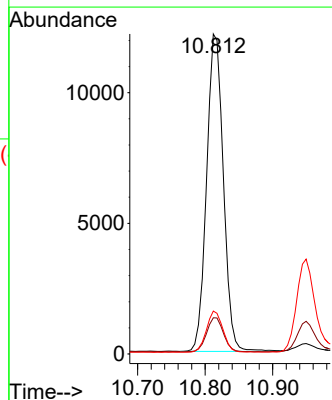
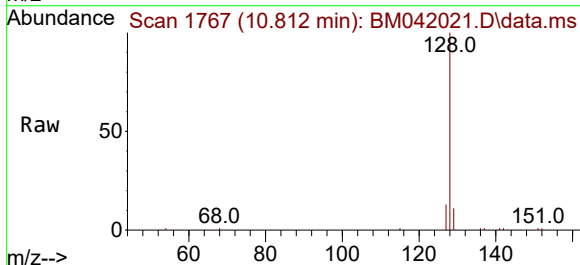
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

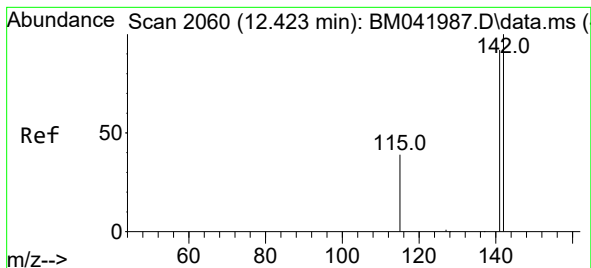
Tgt Ion: 88 Resp: 3774
Ion Ratio Lower Upper
88 100
43 50.5 42.9 64.3
58 71.7 56.4 84.6



#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion: 128 Resp: 20952
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 10.8 16.2

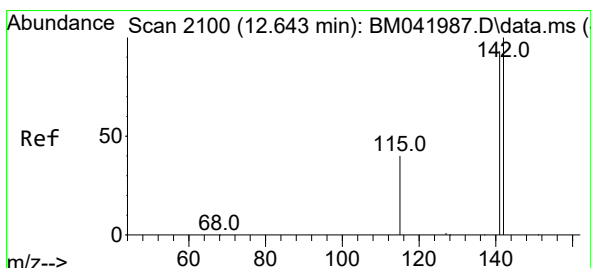
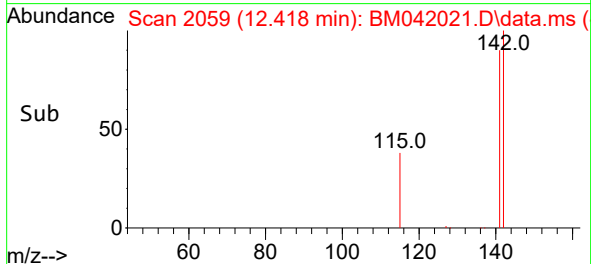
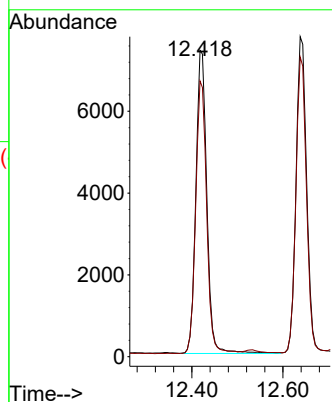
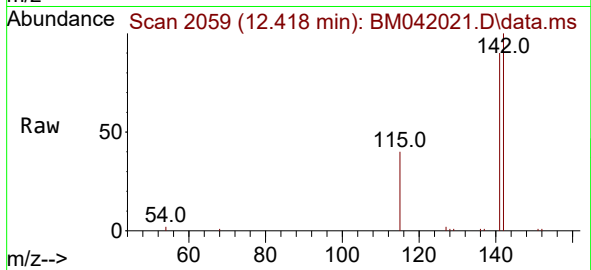




#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

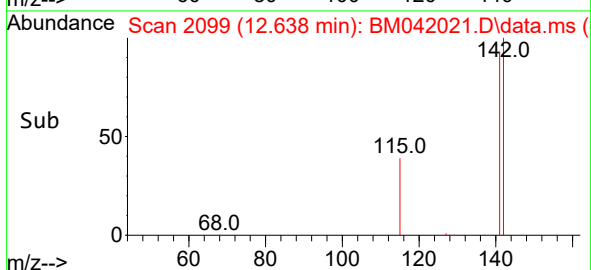
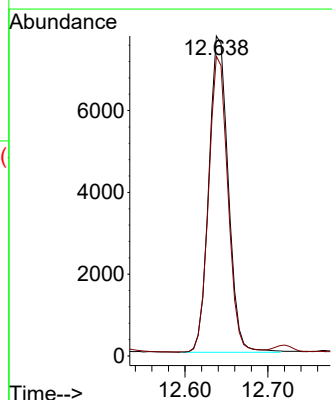
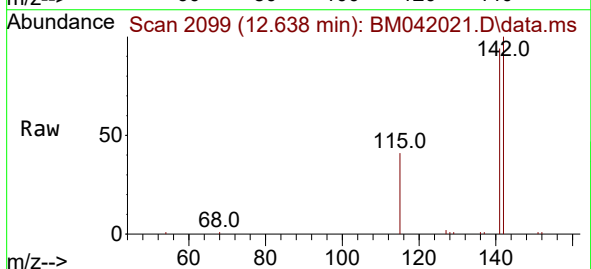
Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

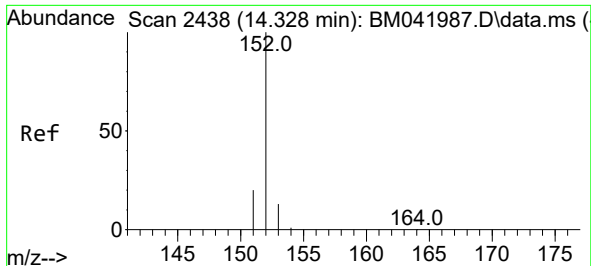
Tgt Ion:142 Resp: 12366
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion:142 Resp: 12546
Ion Ratio Lower Upper
142 100
141 92.7 75.1 112.7

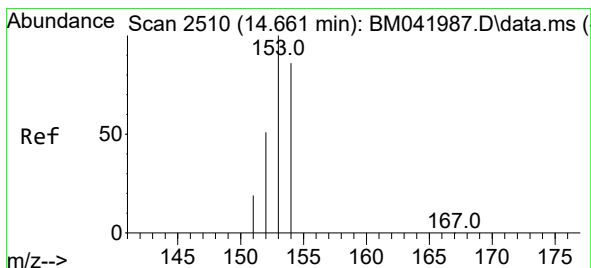
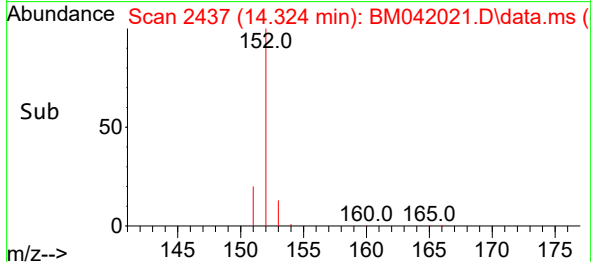
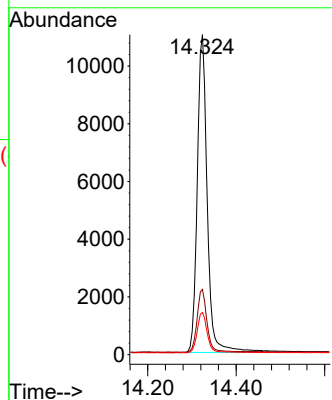
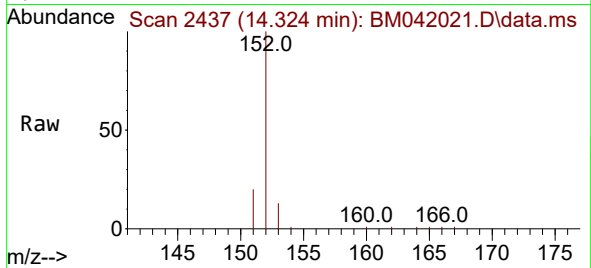




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.324 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

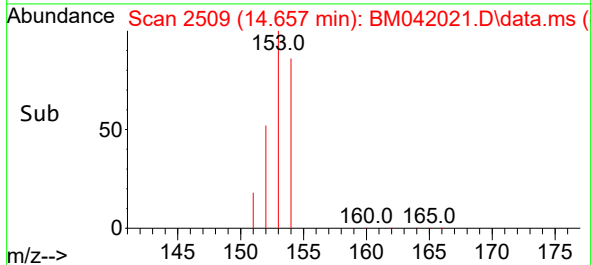
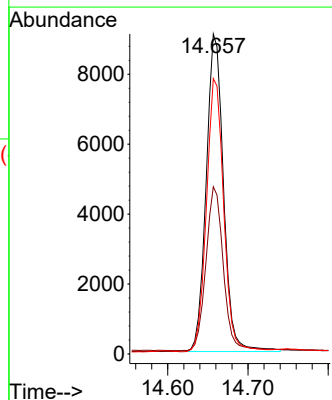
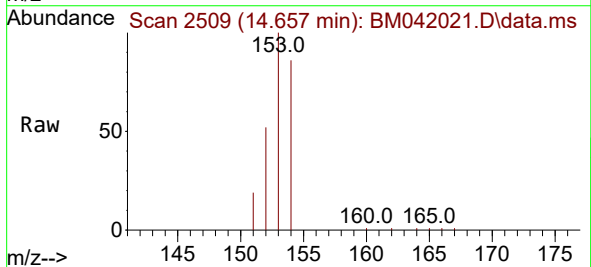
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ClientSampleId :
SSTD0.4094

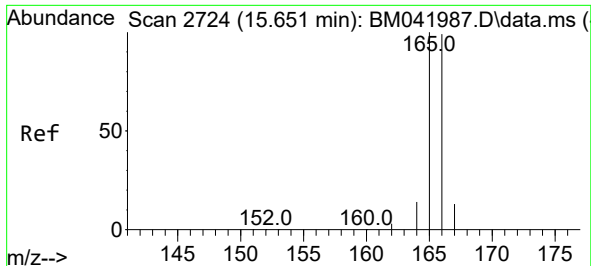
Tgt Ion:152 Resp: 17394
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion:153 Resp: 13628
Ion Ratio Lower Upper
153 100
152 52.2 41.8 62.8
154 86.1 69.0 103.6

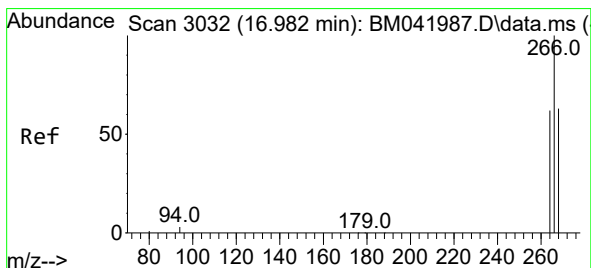
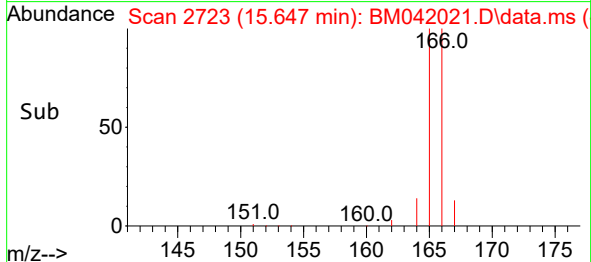
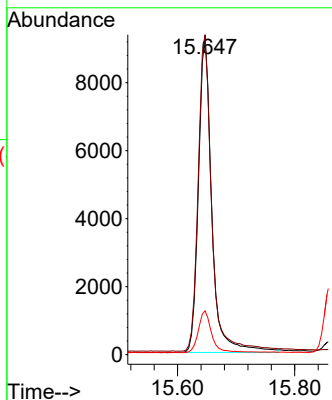
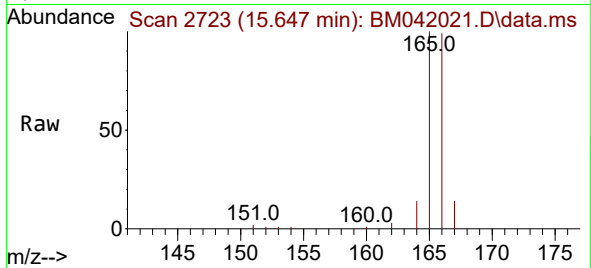




#12
 Fluorene
 Concen: 0.402 ng/ul
 RT: 15.647 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042021.D
 Acq: 23 Sep 2023 13:01

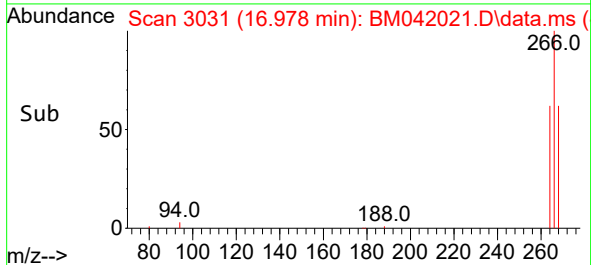
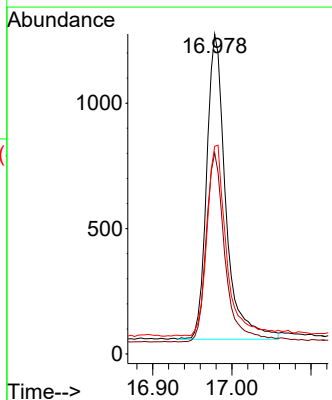
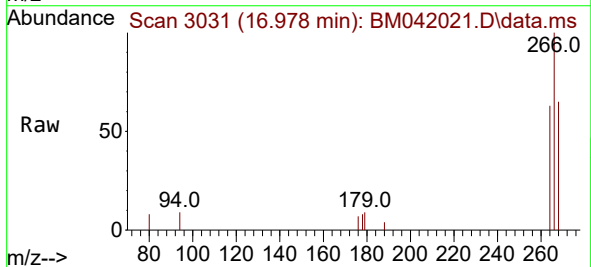
Instrument :
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 ClientSampleId :
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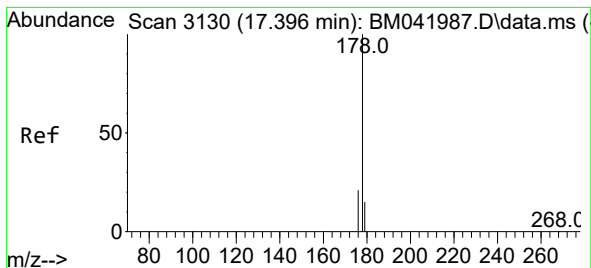
Tgt Ion:166 Resp: 14762
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.8 119.8
 167 13.8 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.333 ng/ul
 RT: 16.978 min Scan# 3031
 Delta R.T. -0.004 min
 Lab File: BM042021.D
 Acq: 23 Sep 2023 13:01

Tgt Ion:266 Resp: 2034
 Ion Ratio Lower Upper
 266 100
 264 61.2 50.2 75.4
 268 63.4 51.0 76.4





#15

Phenanthrene

Concen: 0.405 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BM042021.D

Acq: 23 Sep 2023 13:01

Instrument :

BNA_M

ClientSampleId :

SSTD0.4094

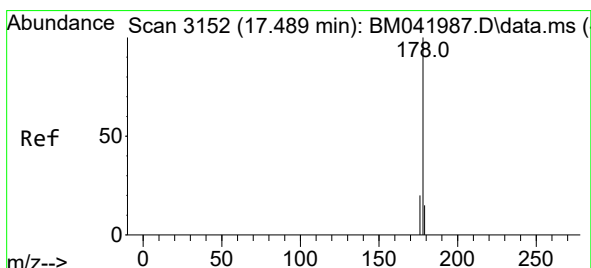
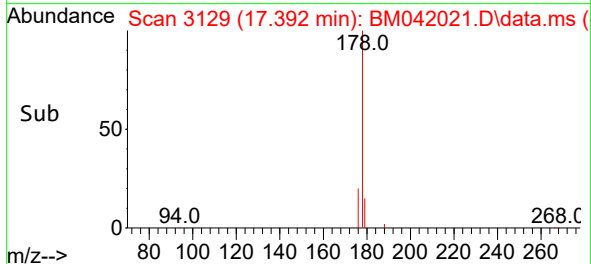
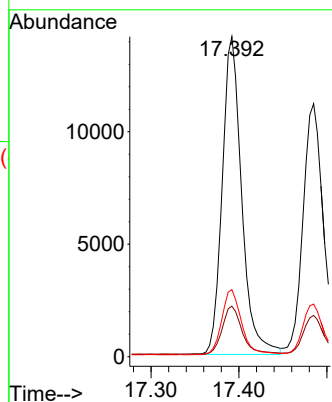
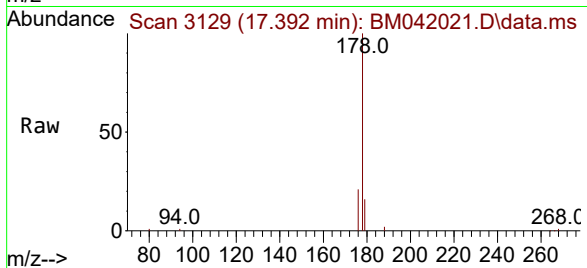
Tgt Ion:178 Resp: 21702

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.410 ng/ul

RT: 17.485 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BM042021.D

Acq: 23 Sep 2023 13:01

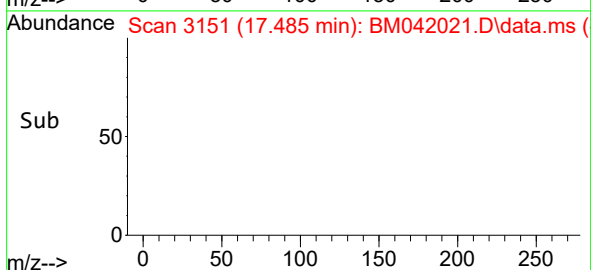
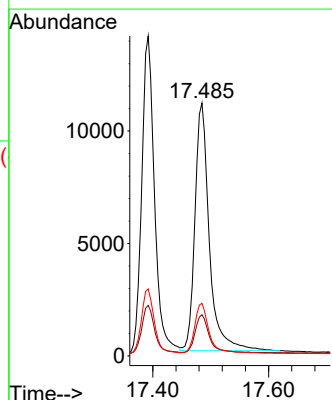
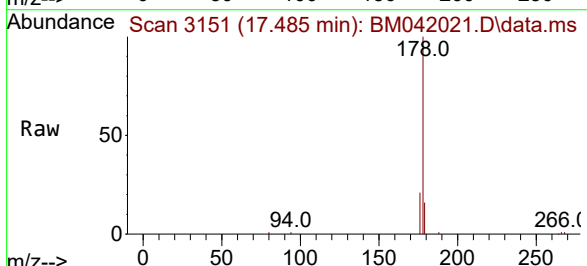
Tgt Ion:178 Resp: 18978

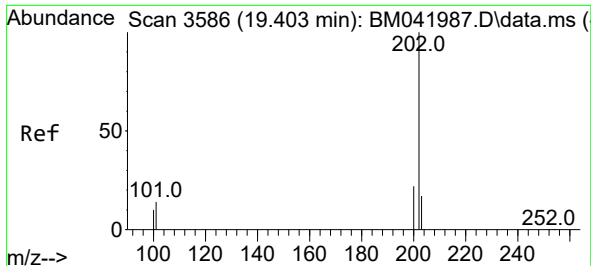
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 20.8 16.2 24.2

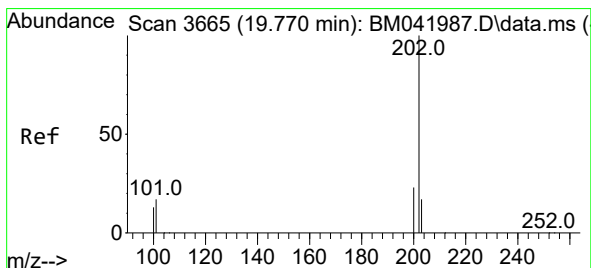
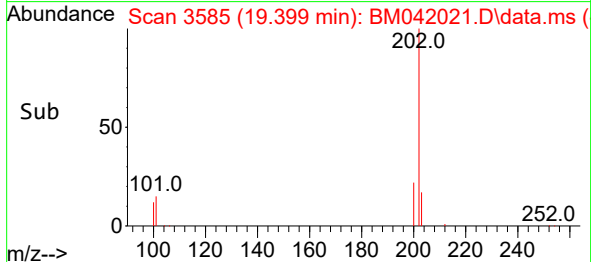
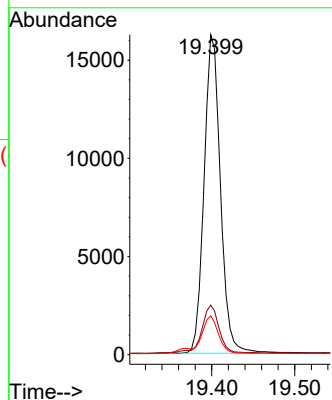
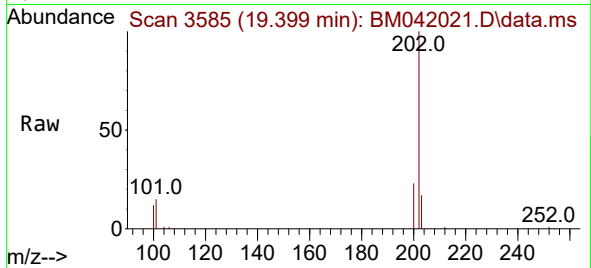




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

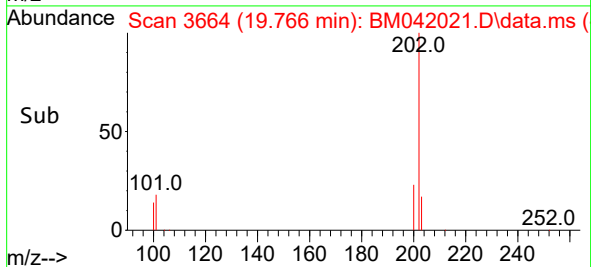
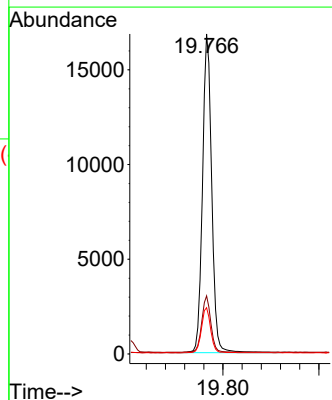
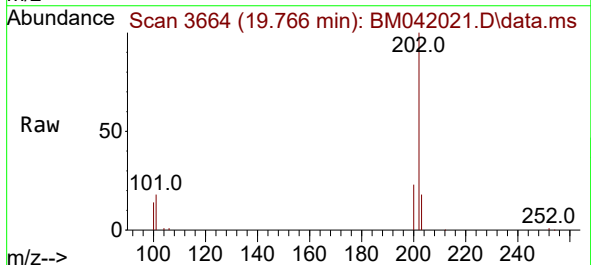
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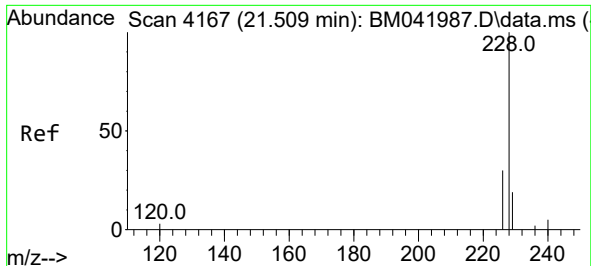
Tgt Ion:202 Resp: 22283
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion:202 Resp: 22524
Ion Ratio Lower Upper
202 100
101 18.1 14.1 21.1
100 14.4 11.4 17.0

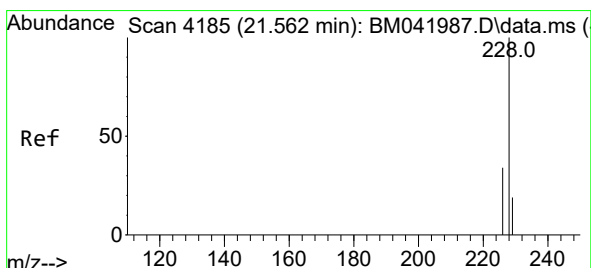
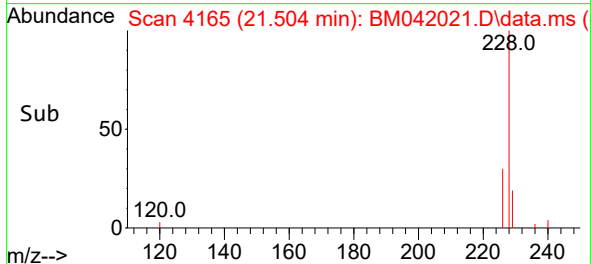
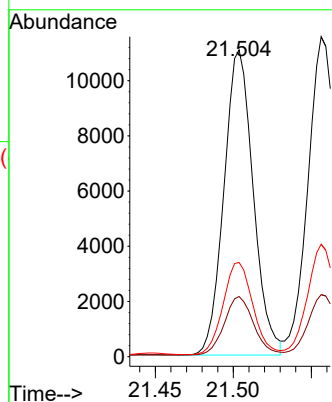
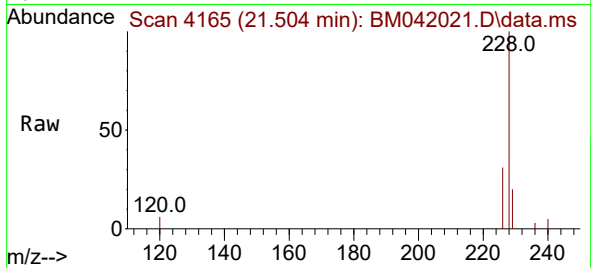




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

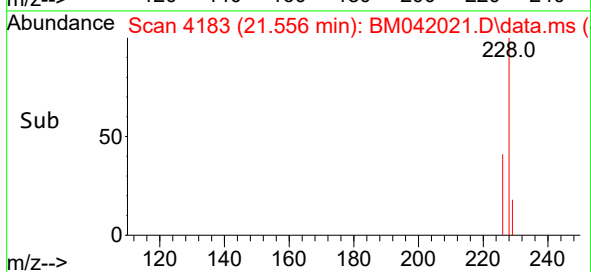
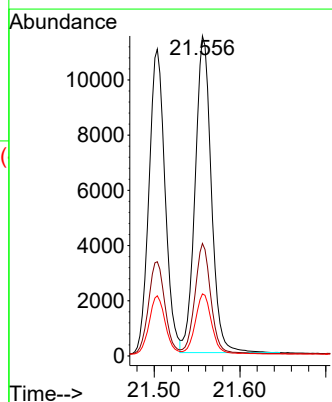
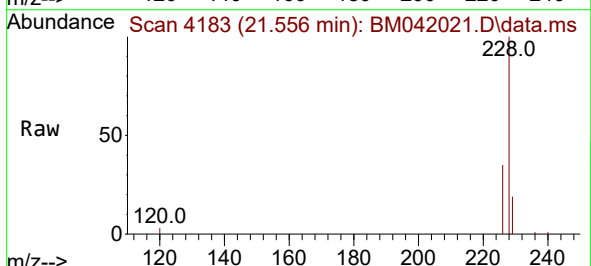
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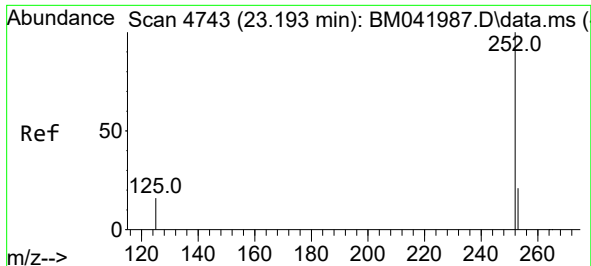
Tgt Ion:228 Resp: 14439
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 30.7 24.8 37.2



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

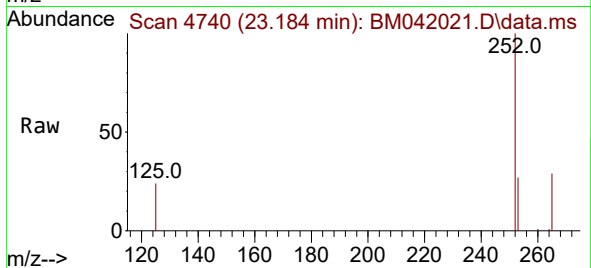
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Ion Ratio Lower Upper
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226 35.1 27.8 41.6
229 19.4 15.6 23.4



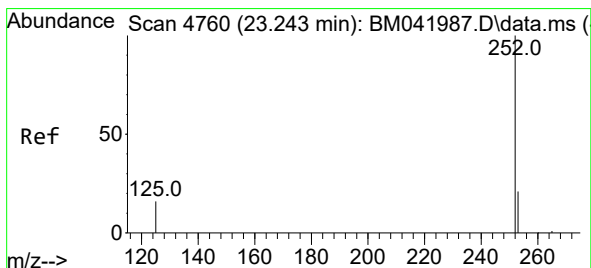
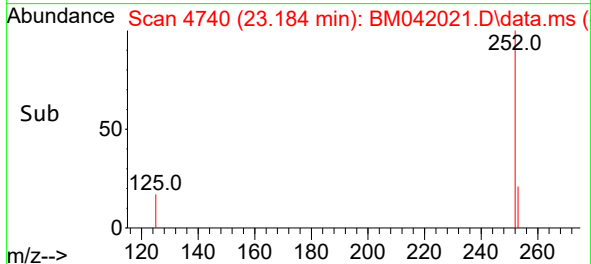
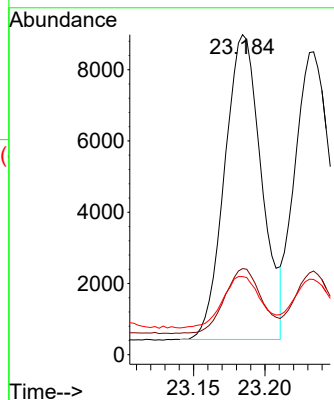


#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.184 min Scan# 4743
Delta R.T. -0.006 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

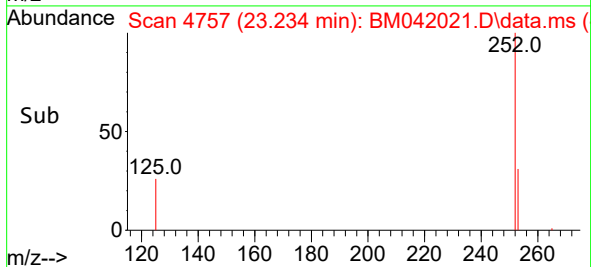
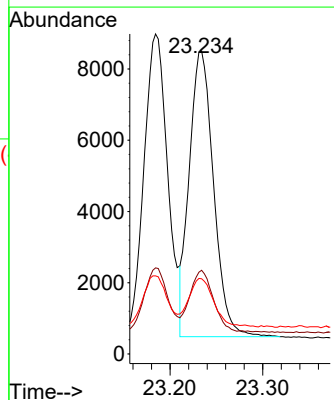
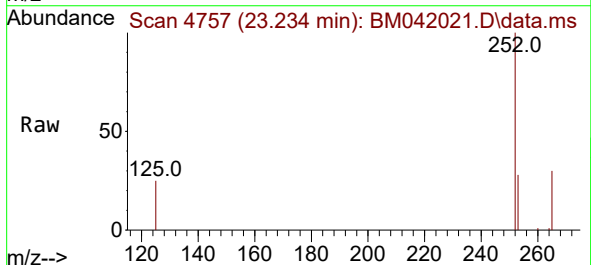


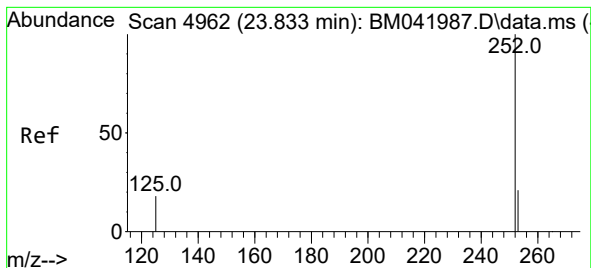
Tgt Ion:252 Resp: 15407
Ion Ratio Lower Upper
252 100
253 26.9 0.0 54.4
125 24.4 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion:252 Resp: 14612
Ion Ratio Lower Upper
252 100
253 27.6 21.0 31.6
125 24.8 19.0 28.6





#26

Benzo(a)pyrene

Concen: 0.428 ng/ul

RT: 23.822 min Scan# 4958

Delta R.T. -0.006 min

Lab File: BM042021.D

Acq: 23 Sep 2023 13:01

Instrument :

BNA_M

ClientSampleId :

SSTD0.4094

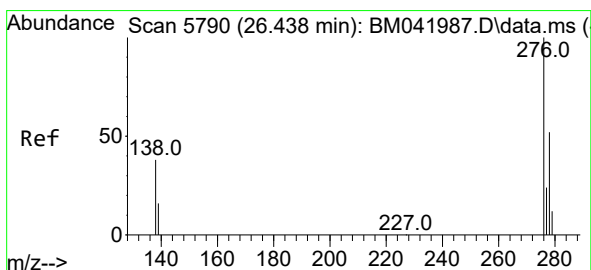
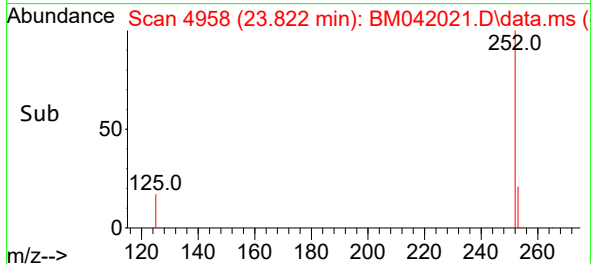
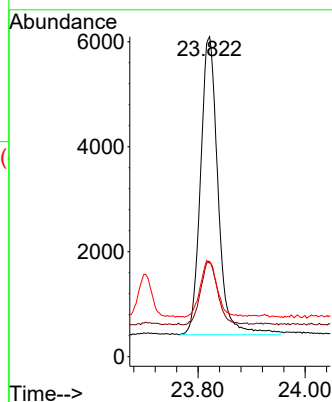
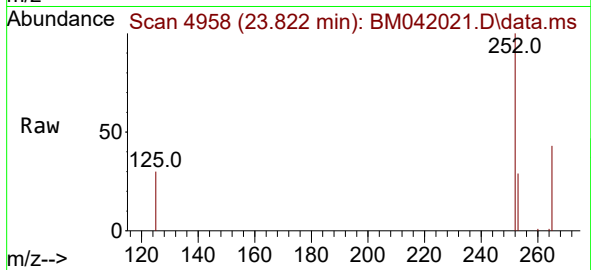
Tgt Ion:252 Resp: 12812

Ion Ratio Lower Upper

252 100

253 29.4 23.2 34.8

125 29.8 22.5 33.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng/ul

RT: 26.421 min Scan# 5785

Delta R.T. -0.010 min

Lab File: BM042021.D

Acq: 23 Sep 2023 13:01

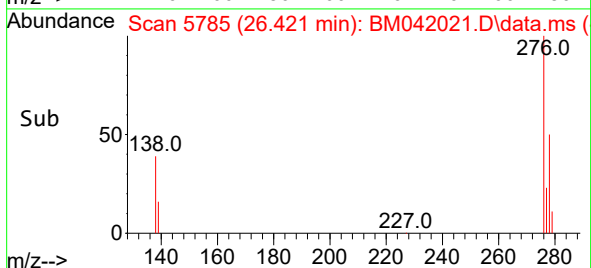
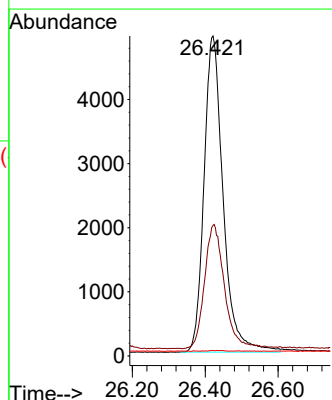
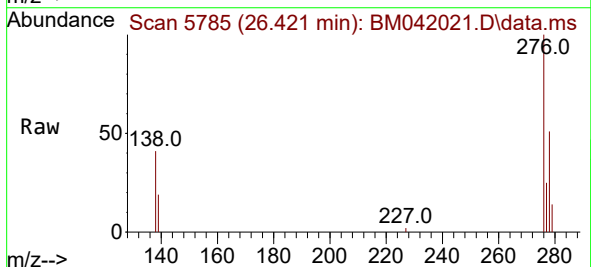
Tgt Ion:276 Resp: 17954

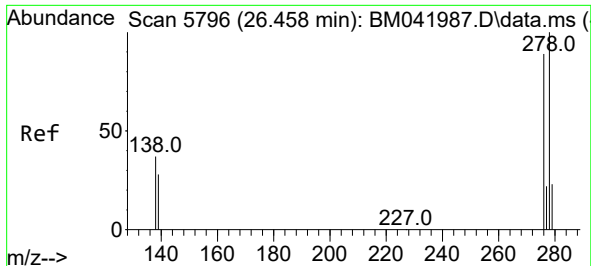
Ion Ratio Lower Upper

276 100

138 40.7 32.1 48.1

227 0.1 0.2 0.2#

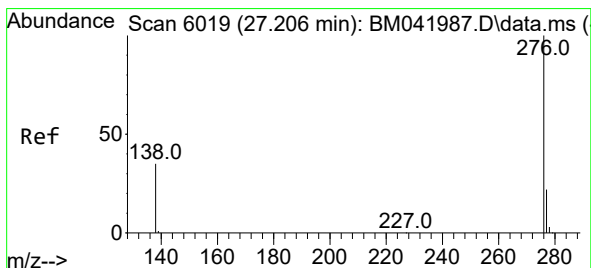
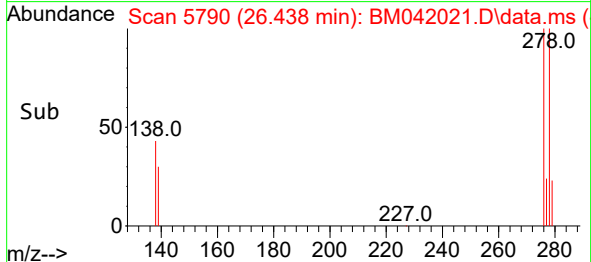
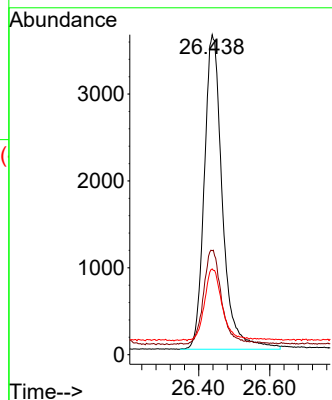
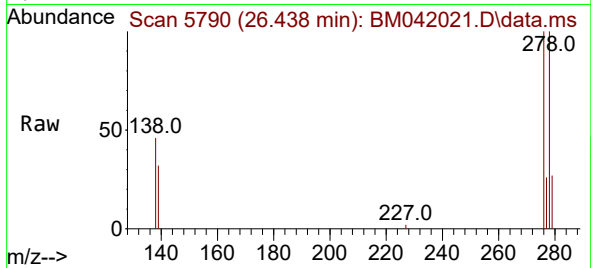




#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.438 min Scan# 5796
Delta R.T. -0.013 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4094

Tgt Ion:278 Resp: 12825
Ion Ratio Lower Upper
278 100
139 32.5 25.0 37.6
279 26.8 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.196 min Scan# 6016
Delta R.T. -0.013 min
Lab File: BM042021.D
Acq: 23 Sep 2023 13:01

Tgt Ion:276 Resp: 15399
Ion Ratio Lower Upper
276 100
138 37.8 29.0 43.4
277 24.4 19.6 29.4

