

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BMCCC917.D
 Acq On : 10 Oct 2022 21:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4138

Quant Time: Oct 11 02:19:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

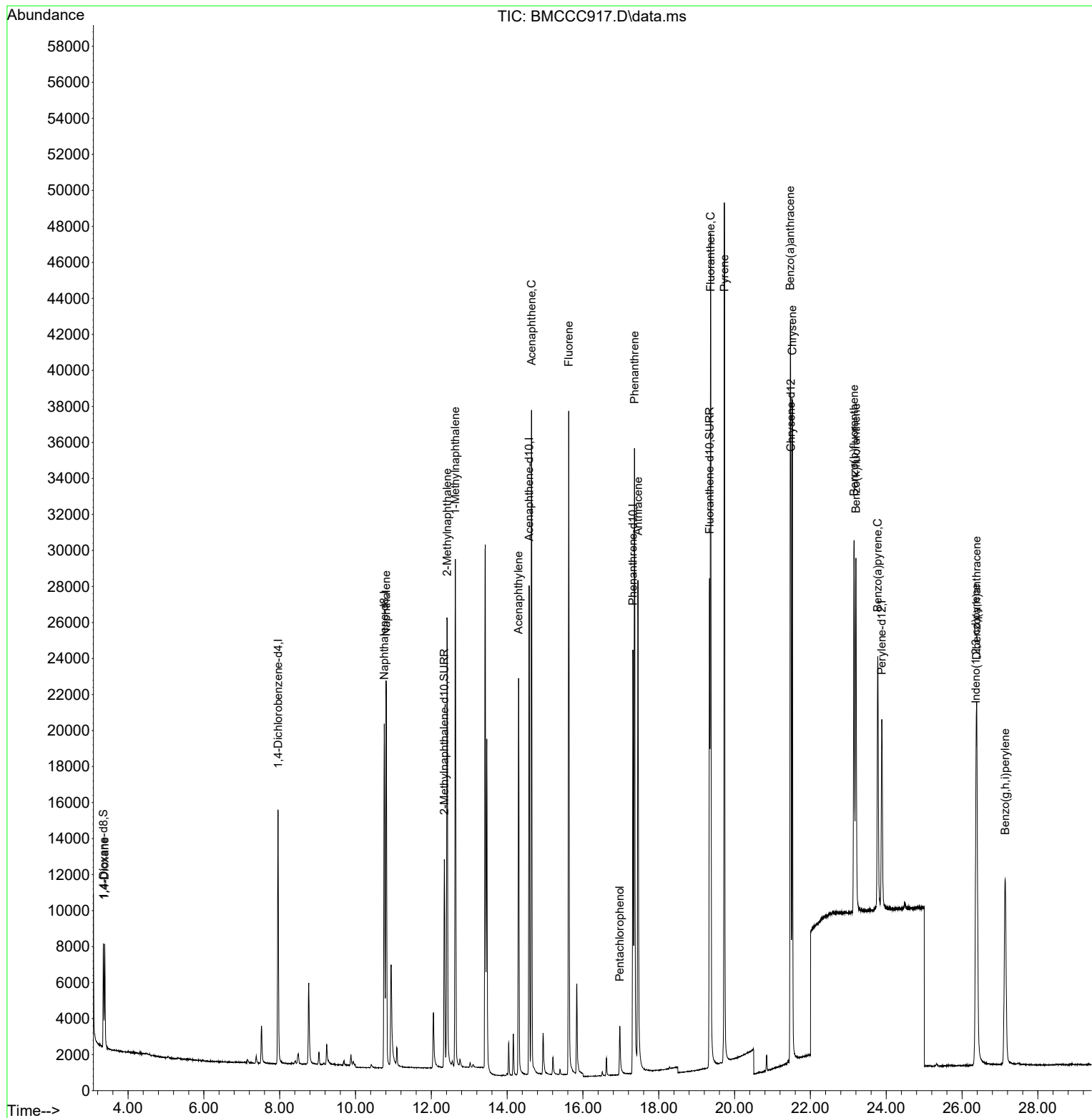
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	26573	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	15132	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	30540	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	21358	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	15326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3724	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	16108	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	31068	0.486	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	3751	0.354	ng/ul#	84
5) Naphthalene	10.809	128	30036	0.395	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	19101	0.411	ng/ul	92
8) 1-Methylnaphthalene	12.635	142	19470	0.413	ng/ul	99
10) Acenaphthylene	14.302	152	26210	0.417	ng/ul	98
11) Acenaphthene	14.644	153	21481	0.394	ng/ul	98
12) Fluorene	15.625	166	24163	0.391	ng/ul	99
14) Pentachlorophenol	16.971	266	2424	0.328	ng/ul	99
15) Phenanthrene	17.360	178	38594	0.396	ng/ul	99
16) Anthracene	17.452	178	33749	0.414	ng/ul	98
19) Fluoranthene	19.368	202	41253	0.486	ng/ul	99
20) Pyrene	19.731	202	41926	0.473	ng/ul	98
21) Benzo(a)anthracene	21.471	228	31858	0.413	ng/ul	99
22) Chrysene	21.523	228	32609	0.394	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	27611	0.403	ng/ul	97
25) Benzo(k)fluoranthene	23.201	252	26659	0.400	ng/ul	95
26) Benzo(a)pyrene	23.777	252	22356	0.402	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.370	276	27996	0.356	ng/ul	99
28) Dibenzo(a,h)anthracene	26.386	278	22369	0.352	ng/ul	92
29) Benzo(g,h,i)perylene	27.138	276	24160	0.348	ng/ul	98

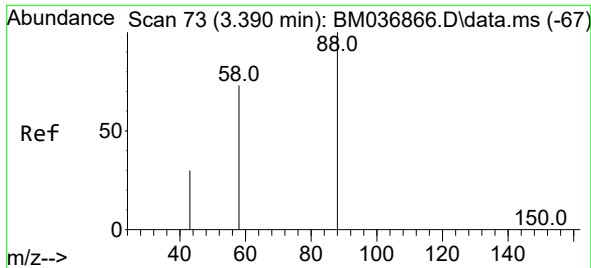
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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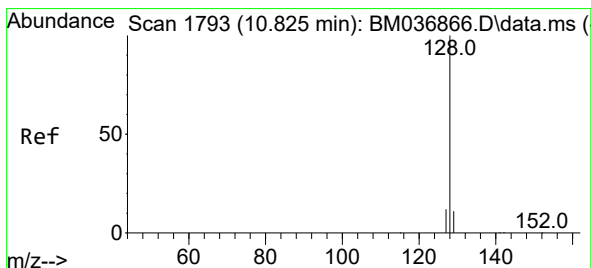
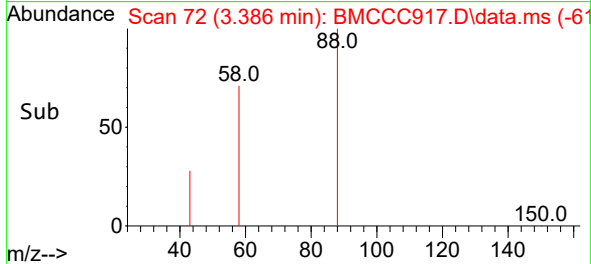
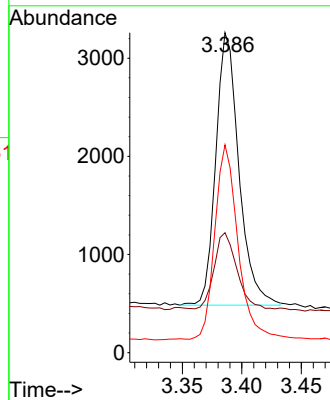
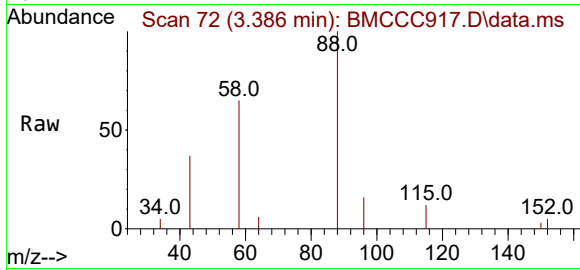




#2
1,4-Dioxane
Concen: 0.354 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

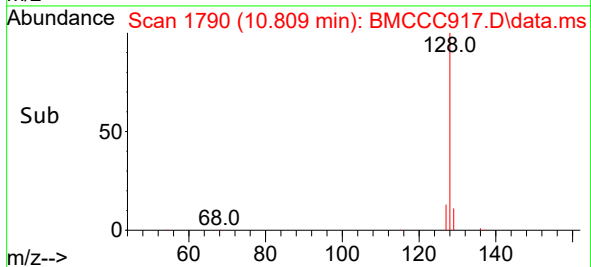
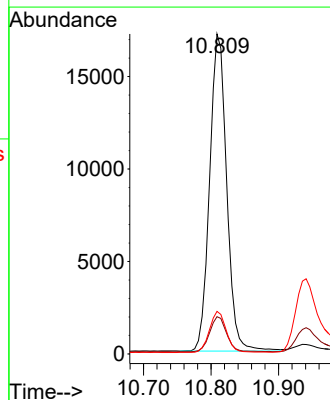
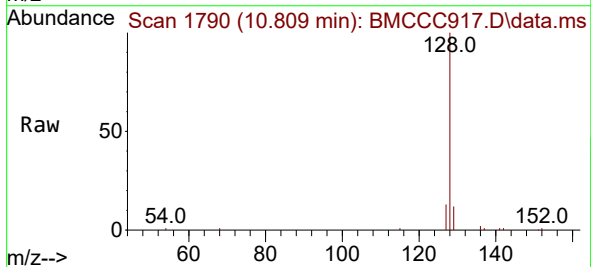
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

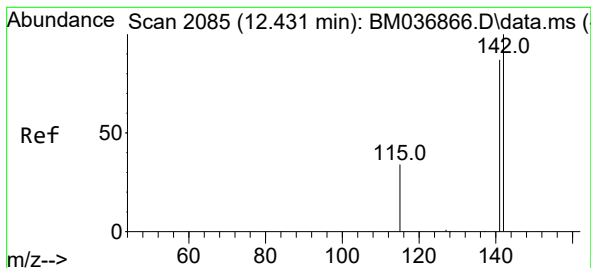
Tgt Ion: 88 Resp: 3751
Ion Ratio Lower Upper
88 100
43 37.5 37.8 56.6#
58 64.9 42.6 63.8#



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion: 128 Resp: 30036
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.3 11.7 17.5

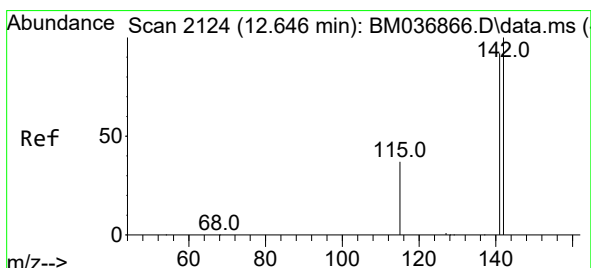
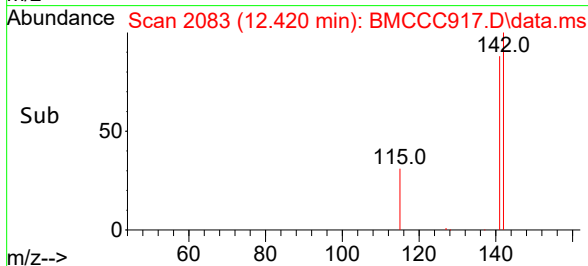
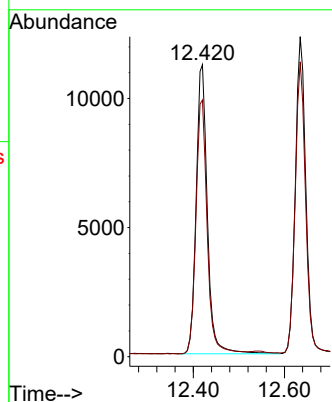
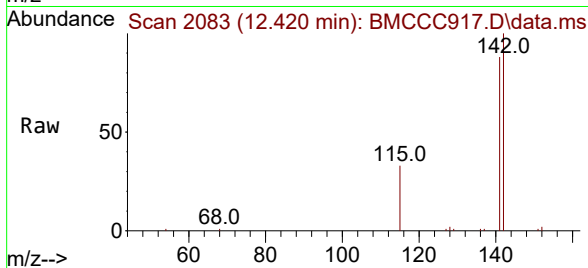




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

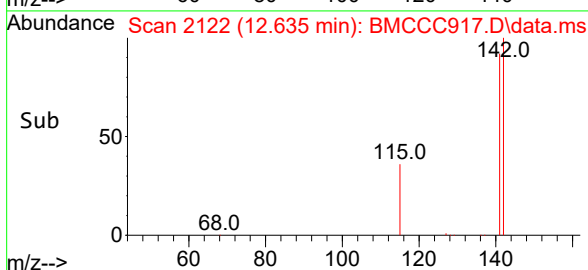
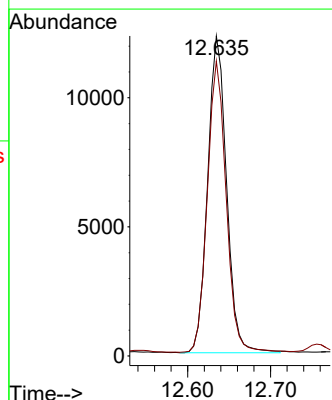
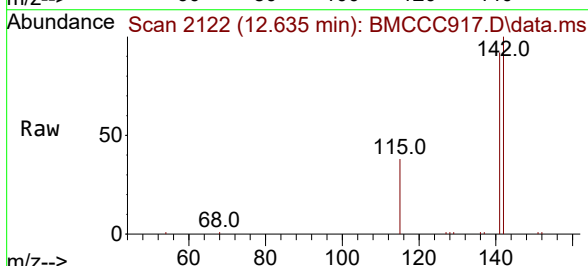
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

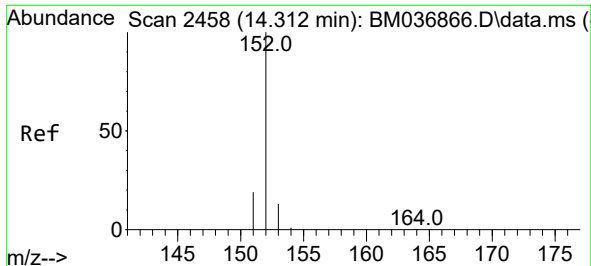
Tgt Ion:142 Resp: 19101
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:142 Resp: 19470
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

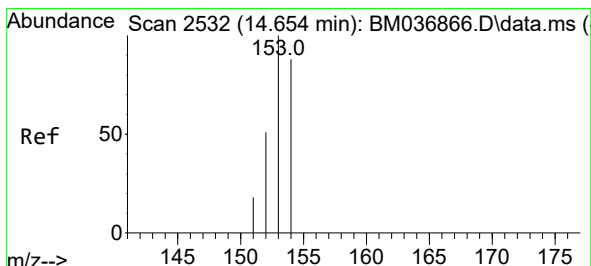
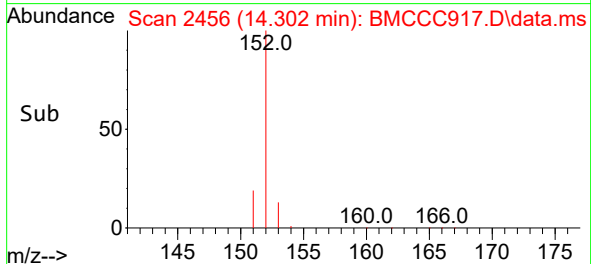
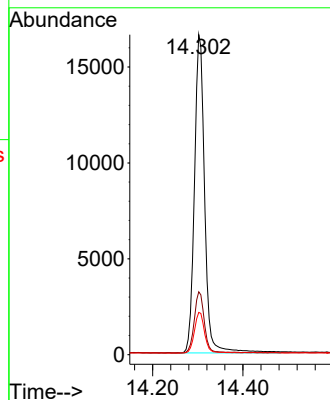
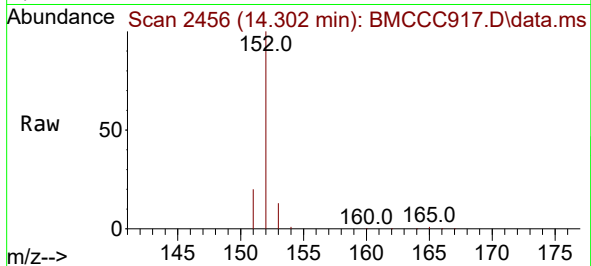




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

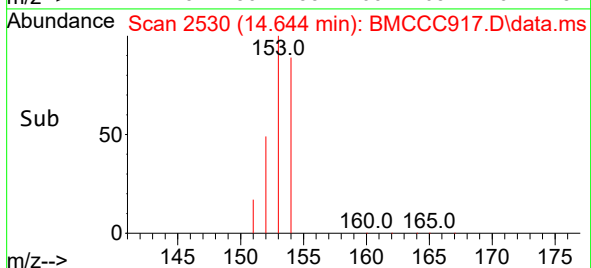
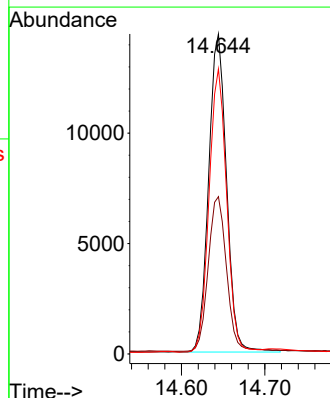
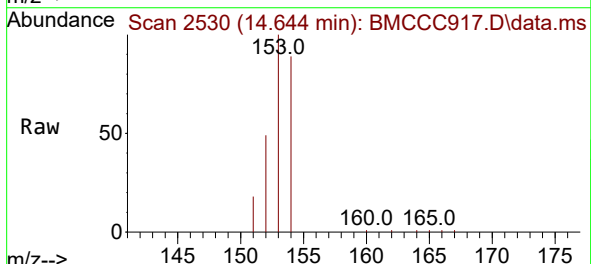
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ClientSampleId :
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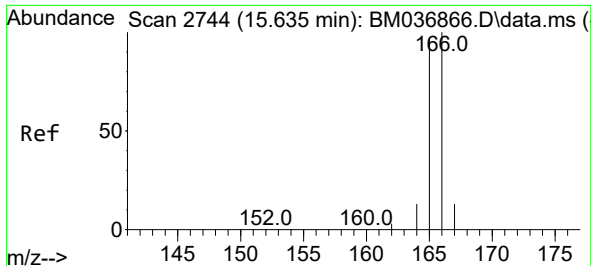
Tgt Ion:152 Resp: 26210
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8
153 13.2 11.4 17.0



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.644 min Scan# 2530
Delta R.T. -0.001 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:153 Resp: 21481
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 89.0 69.7 104.5

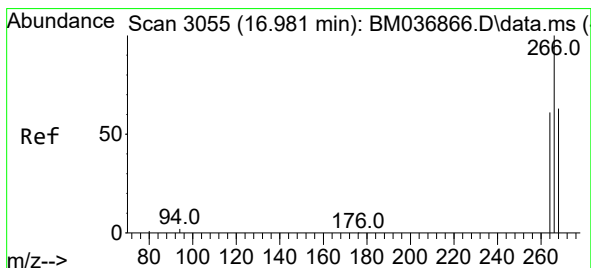
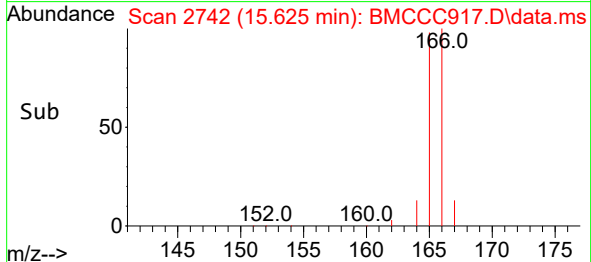
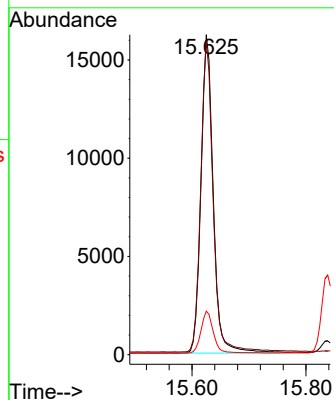
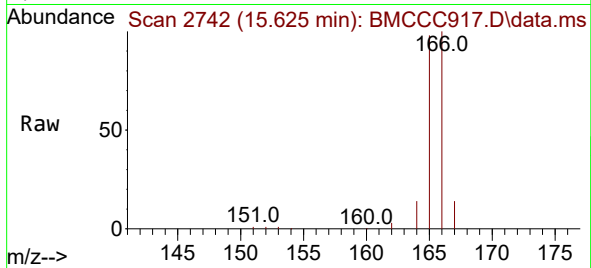




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.006 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

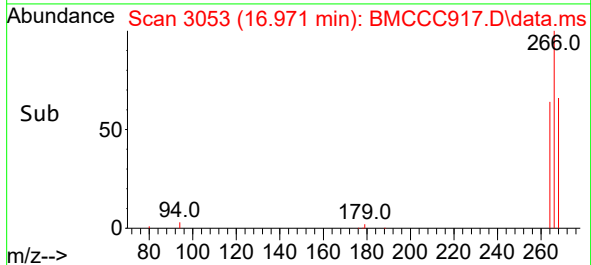
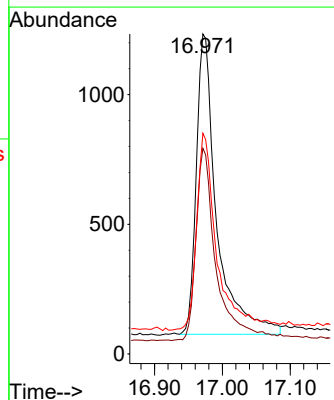
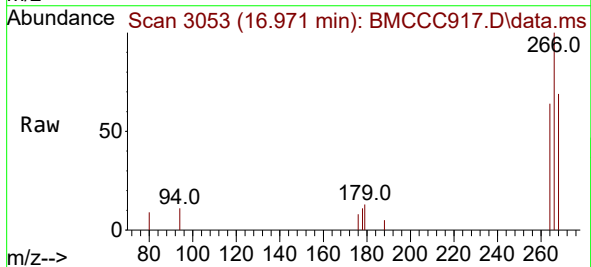
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

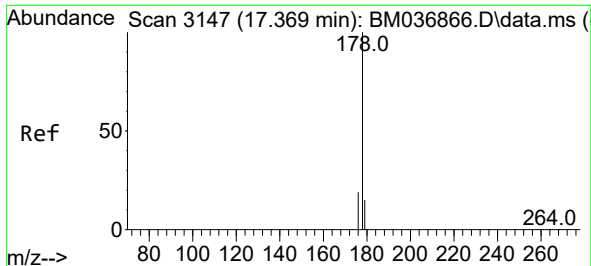
Tgt Ion:166 Resp: 24163
Ion Ratio Lower Upper
166 100
165 98.1 78.9 118.3
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.328 ng/ul
RT: 16.971 min Scan# 3053
Delta R.T. -0.005 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:266 Resp: 2424
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 66.2 53.5 80.3

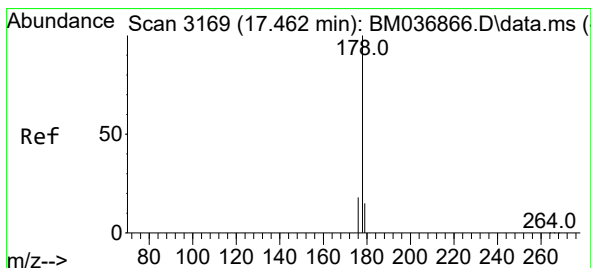
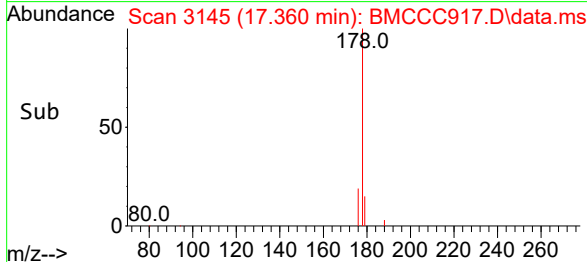
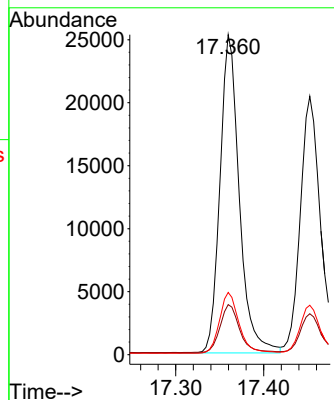
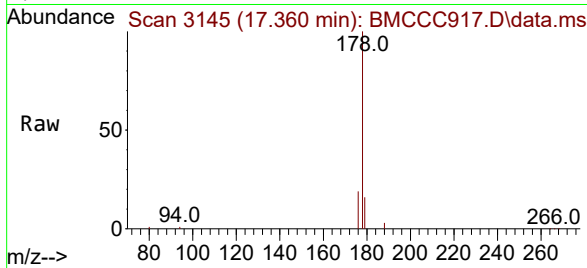




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

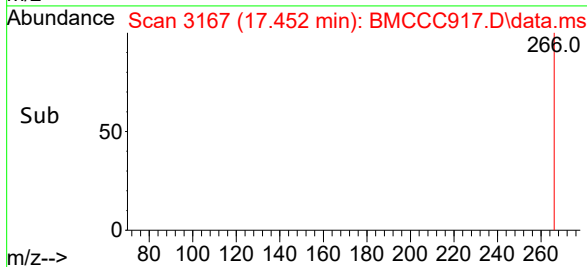
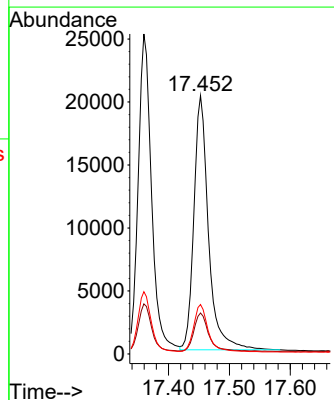
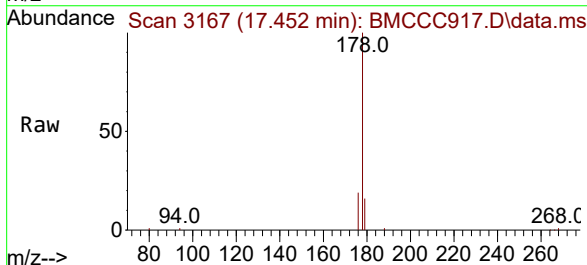
Instrument :
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ClientSampleId :
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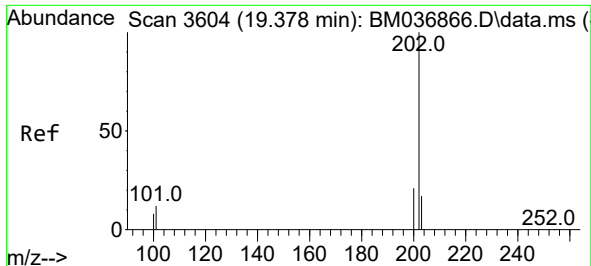
Tgt Ion:178 Resp: 38594
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.452 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:178 Resp: 33749
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 19.2 15.6 23.4

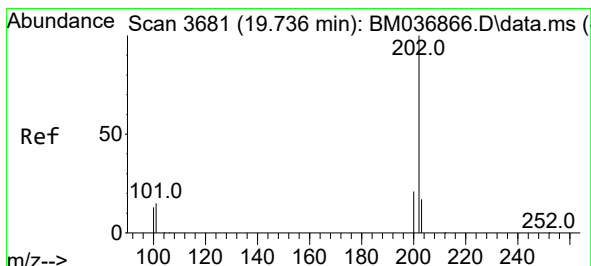
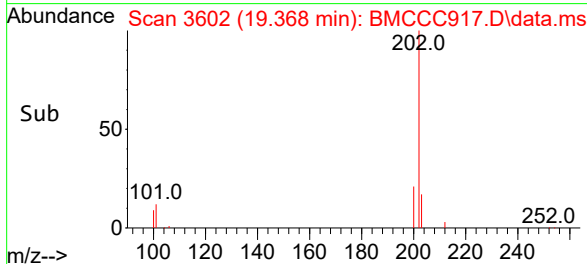
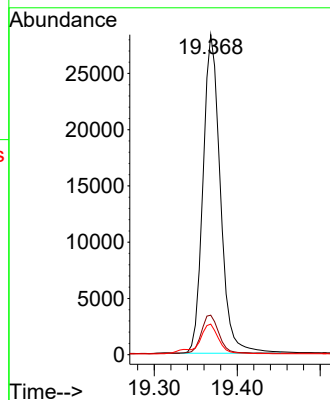
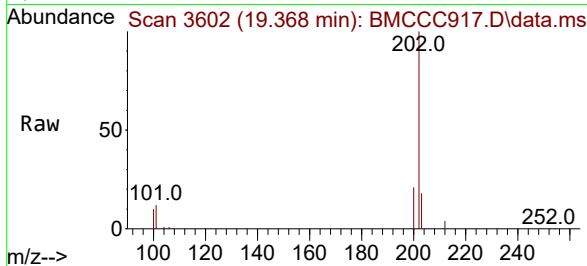




#19
Fluoranthene
Concen: 0.486 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

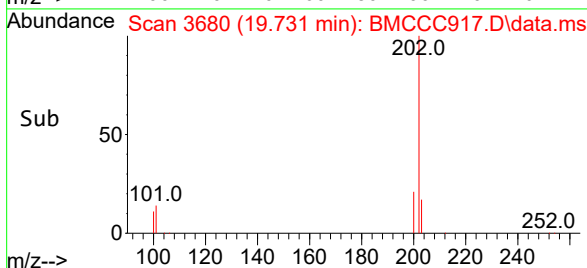
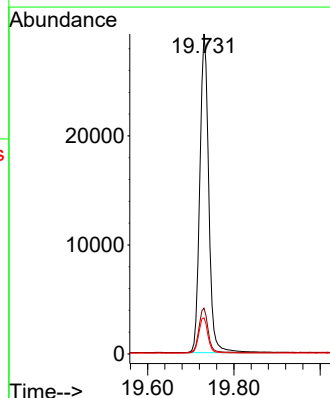
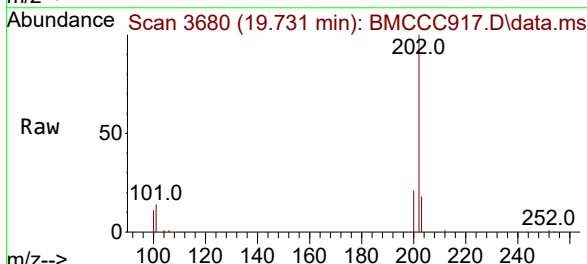
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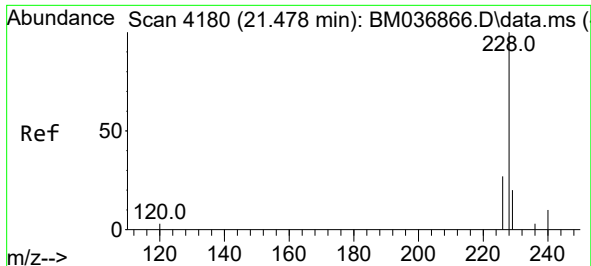
Tgt Ion:202 Resp: 41253
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:202 Resp: 41926
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.3 9.8 14.6

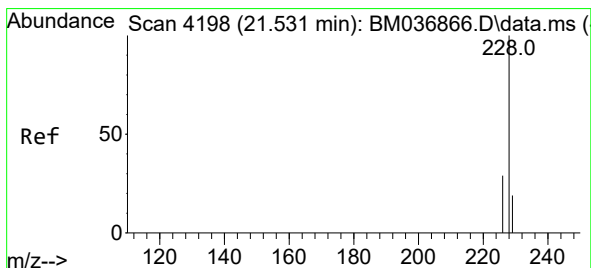
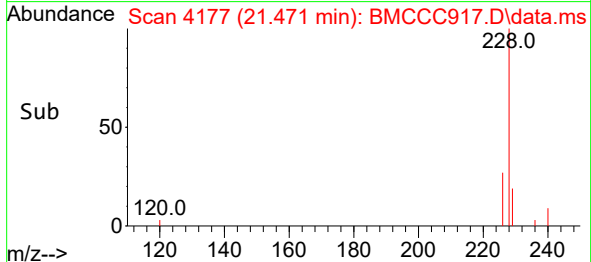
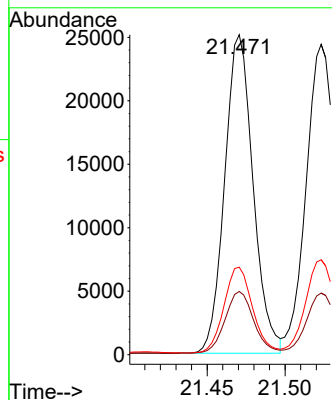
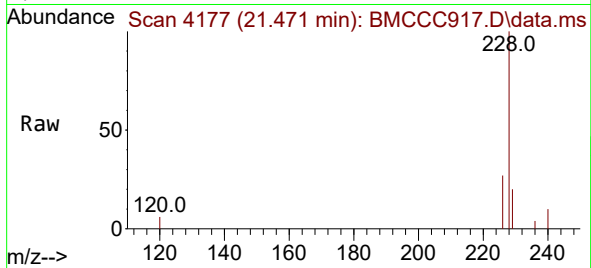




#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.471 min Scan# 411
Delta R.T. -0.002 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

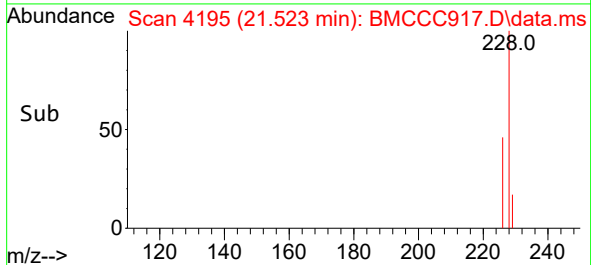
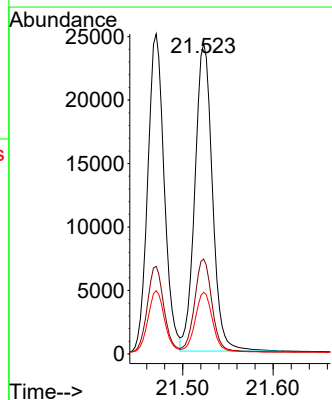
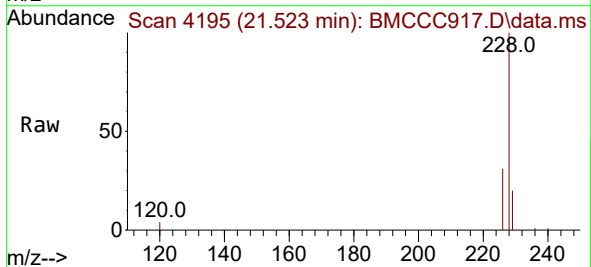
Instrument :
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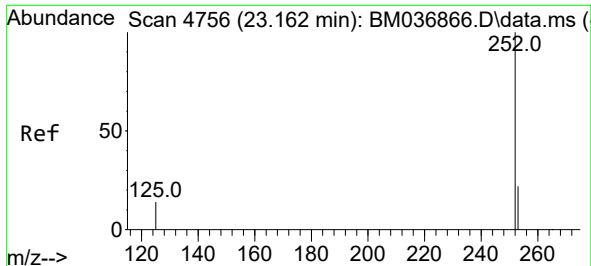
Tgt Ion:228 Resp: 31858
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:228 Resp: 32609
Ion Ratio Lower Upper
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226 30.6 24.6 37.0
229 19.8 16.4 24.6

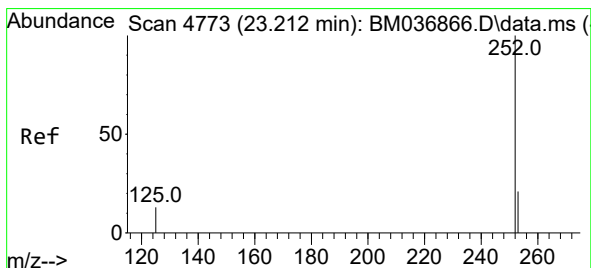
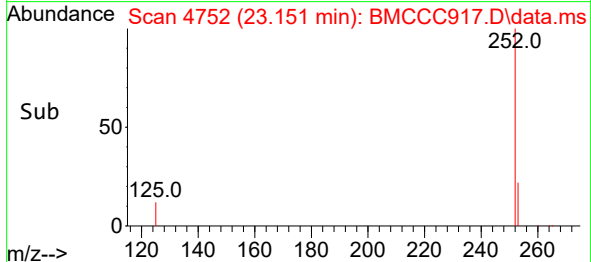
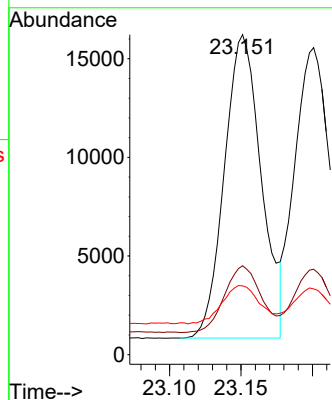
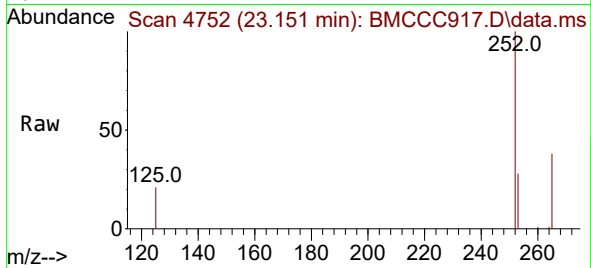




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.005 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

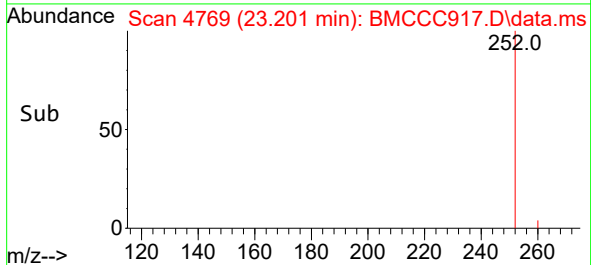
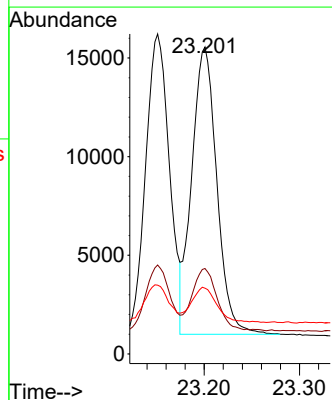
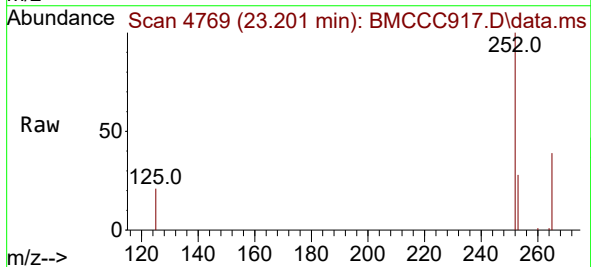
Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

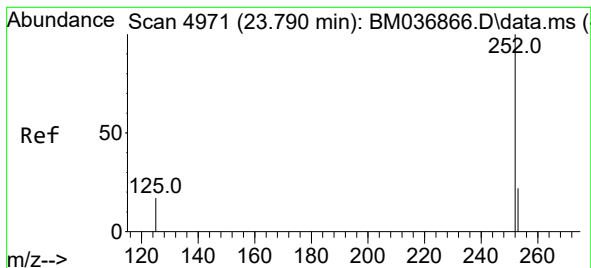
Tgt Ion:252 Resp: 27611
Ion Ratio Lower Upper
252 100
253 27.8 0.0 61.4
125 21.5 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:252 Resp: 26659
Ion Ratio Lower Upper
252 100
253 27.8 25.2 37.8
125 21.4 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 23.777 min Scan# 4966

Delta R.T. -0.005 min

Lab File: BMCCC917.D

Acq: 10 Oct 2022 21:24

Instrument :

BNA_M

ClientSampleId :

SSTD0.4138

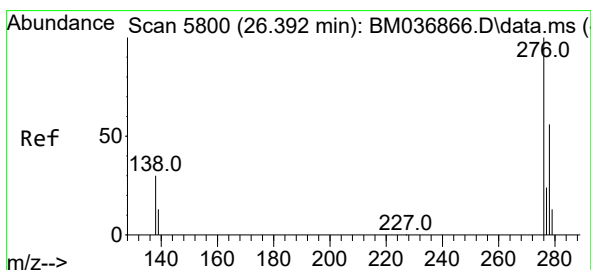
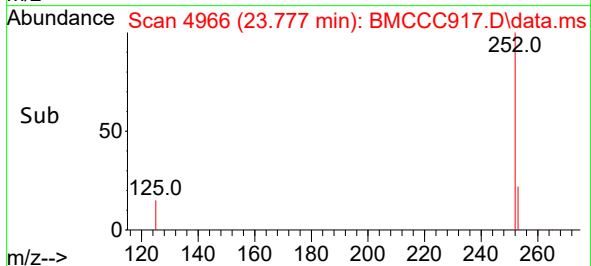
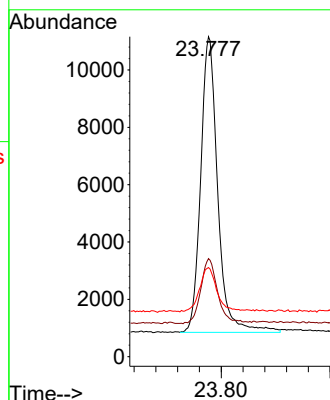
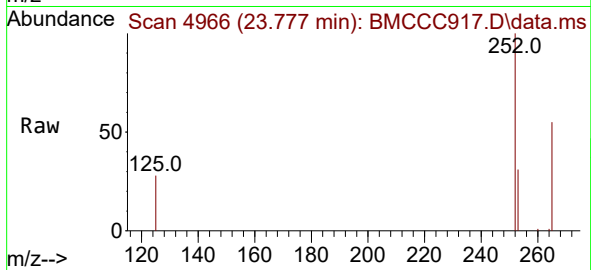
Tgt Ion:252 Resp: 22356

Ion Ratio Lower Upper

252 100

253 30.7 29.7 44.5

125 27.8 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.370 min Scan# 5793

Delta R.T. -0.013 min

Lab File: BMCCC917.D

Acq: 10 Oct 2022 21:24

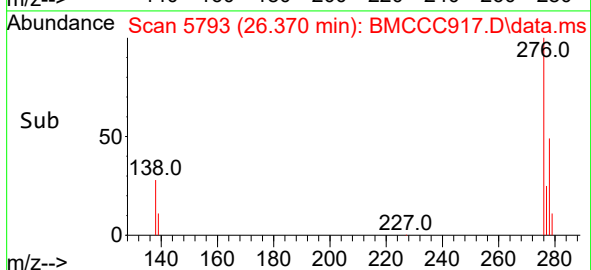
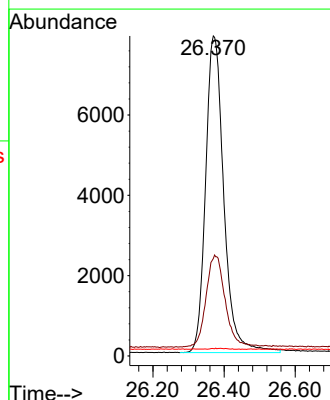
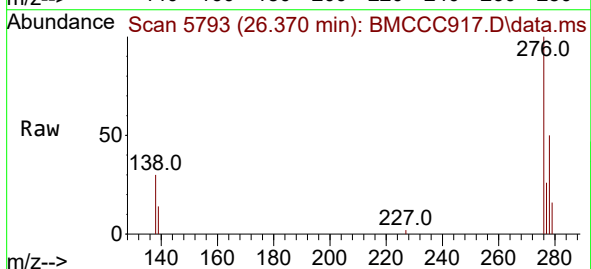
Tgt Ion:276 Resp: 27996

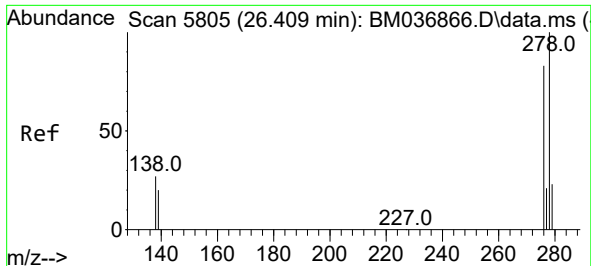
Ion Ratio Lower Upper

276 100

138 30.4 23.9 35.9

227 0.1 0.1 0.1

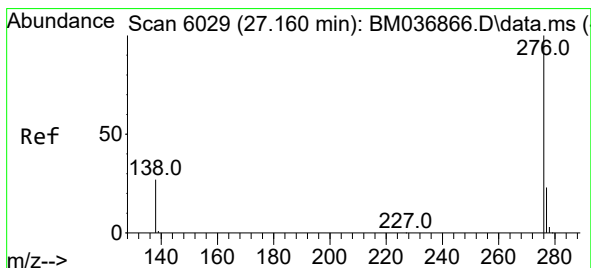
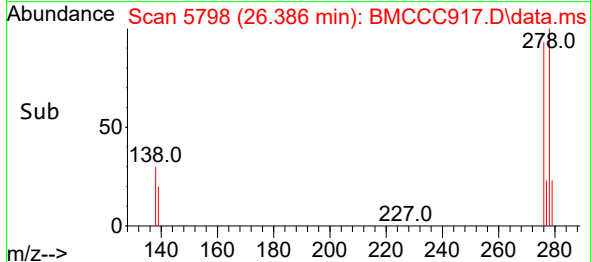
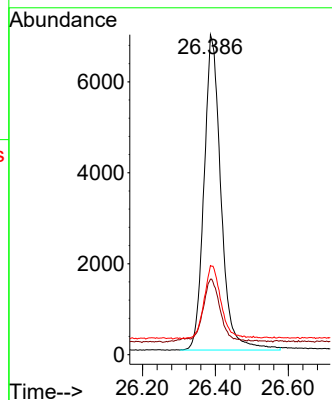
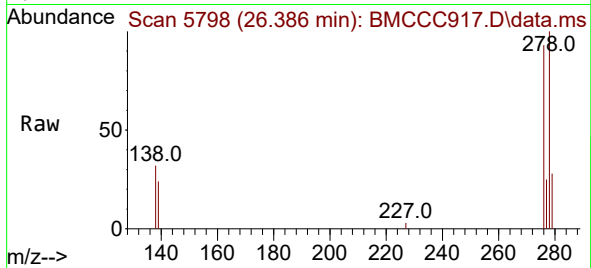




#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.386 min Scan# 51
Delta R.T. -0.013 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:278 Resp: 22369
Ion Ratio Lower Upper
278 100
139 23.6 19.8 29.6
279 27.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. -0.009 min
Lab File: BMCCC917.D
Acq: 10 Oct 2022 21:24

Tgt Ion:276 Resp: 24160
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 25.3 21.0 31.4

