

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040882.D
 Acq On : 14 Jul 2023 16:56
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4178

Quant Time: Jul 15 03:15:45 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 14 03:14:53 2023
 Response via : Initial Calibration

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

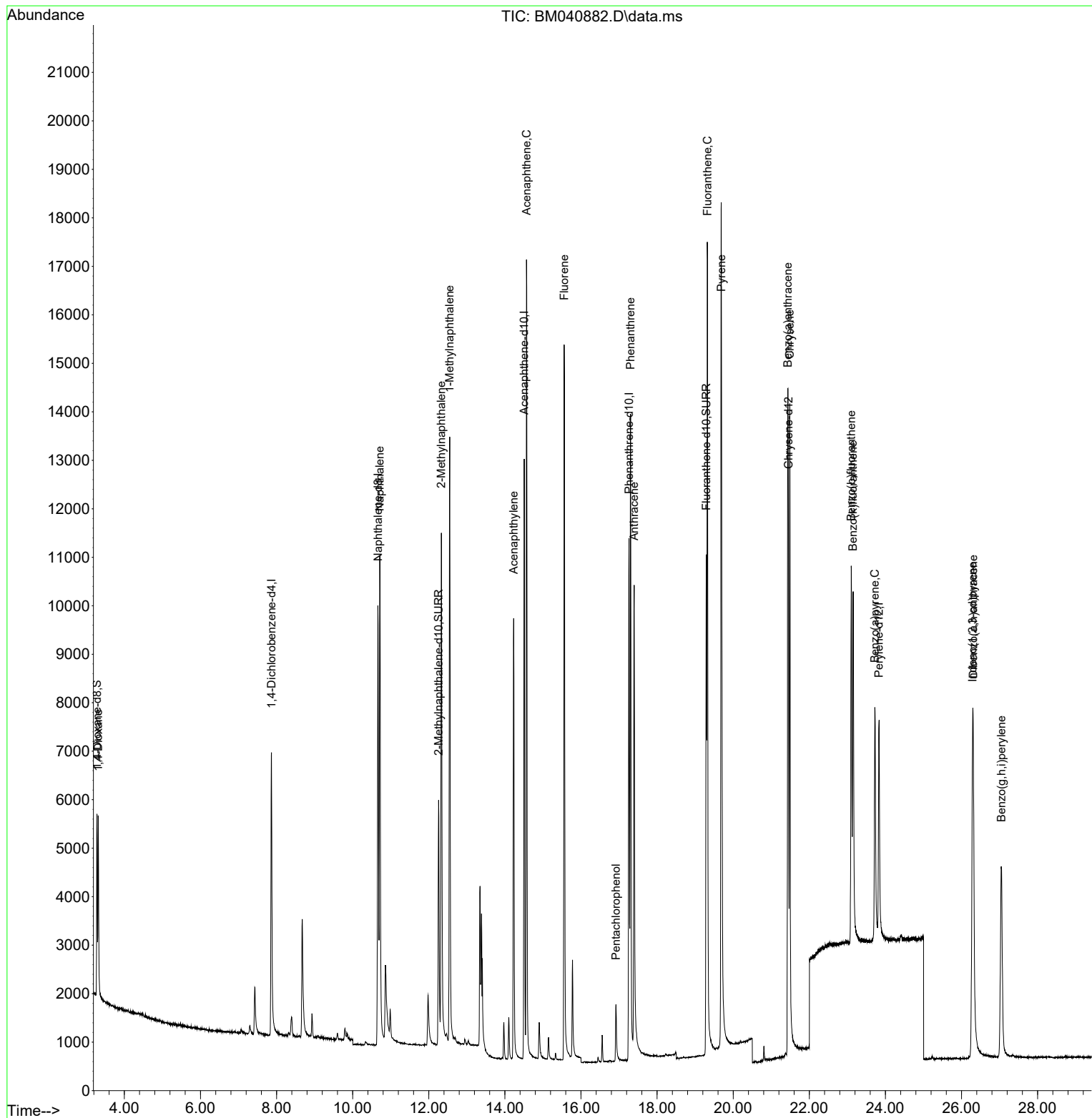
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	12872	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	8405	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	6821	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2214	0.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	7857	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	11976	0.444	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	2364	0.406	ng/ul#	89
5) Naphthalene	10.713	128	15019	0.396	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	8938	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	9087	0.409	ng/ul	98
10) Acenaphthylene	14.231	152	11379	0.373	ng/ul	99
11) Acenaphthene	14.569	153	9834	0.382	ng/ul	97
12) Fluorene	15.559	166	10296	0.375	ng/ul	98
14) Pentachlorophenol	16.919	266	1039	0.419	ng/ul	93
15) Phenanthrene	17.303	178	15095	0.378	ng/ul	100
16) Anthracene	17.396	178	12420	0.370	ng/ul	100
19) Fluoranthene	19.324	202	15107	0.423	ng/ul	96
20) Pyrene	19.687	202	16357	0.427	ng/ul	98
21) Benzo(a)anthracene	21.434	228	11320	0.398	ng/ul	99
22) Chrysene	21.486	228	12090	0.373	ng/ul	99
24) Benzo(b)fluoranthene	23.102	252	10354	0.392	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	10288	0.395	ng/ul	99
26) Benzo(a)pyrene	23.722	252	8777	0.369	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.290	276	10960	0.331	ng/ul	95
28) Dibenzo(a,h)anthracene	26.307	278	8848	0.341	ng/ul	98
29) Benzo(g,h,i)perylene	27.045	276	9468	0.326	ng/ul	98

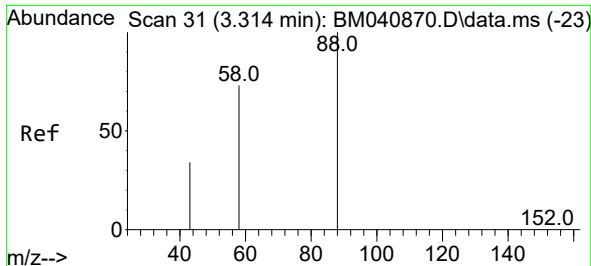
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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ClientSampleId :
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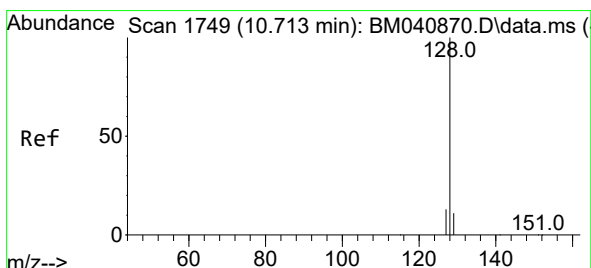
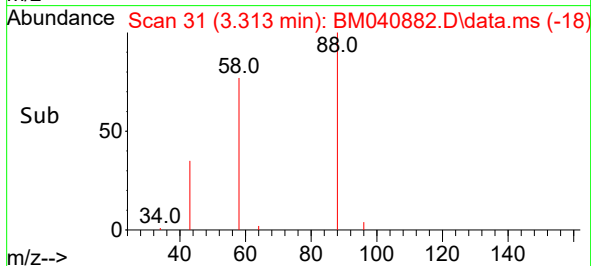
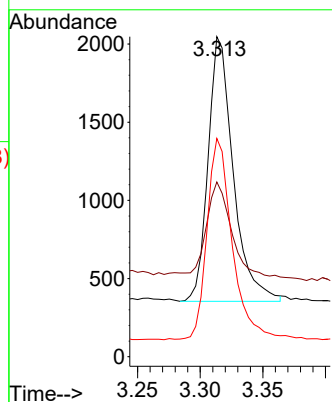
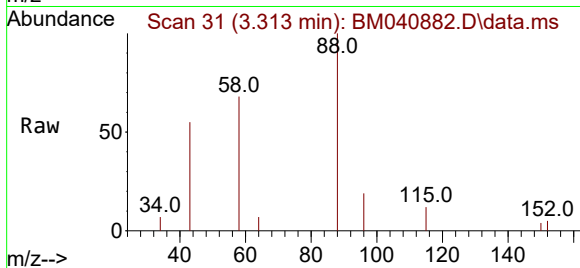




#2
1,4-Dioxane
Concen: 0.406 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

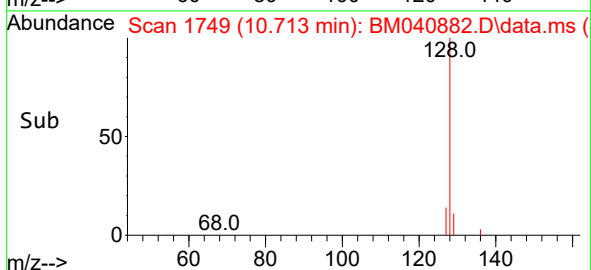
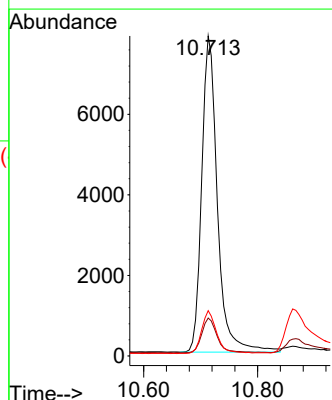
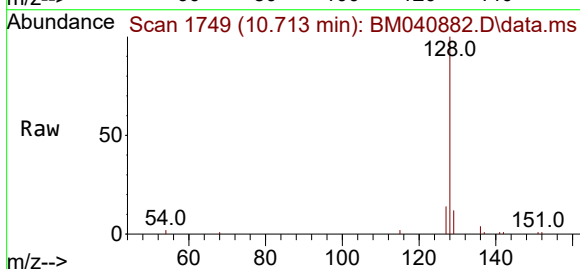
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

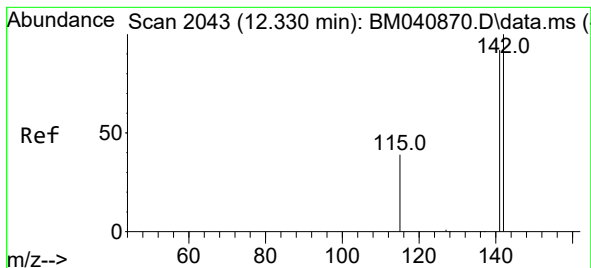
Tgt Ion: 88 Resp: 2364
Ion Ratio Lower Upper
88 100
43 54.6 36.1 54.1#
58 68.2 49.8 74.8



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion: 128 Resp: 15019
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 10.6 15.8

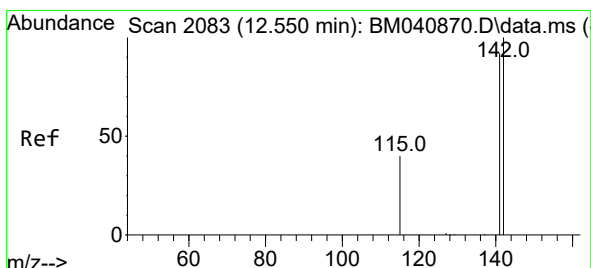
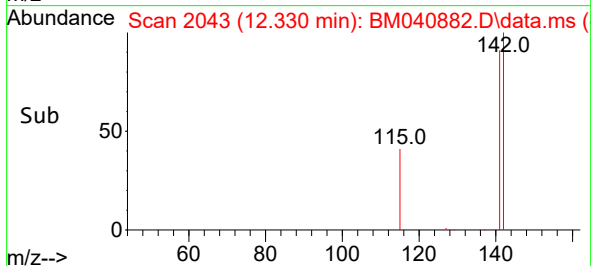
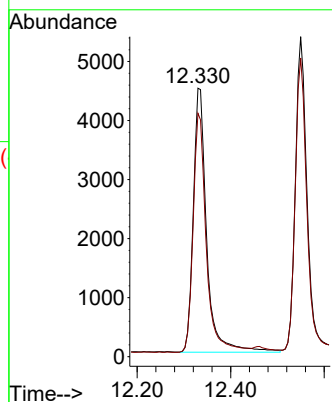
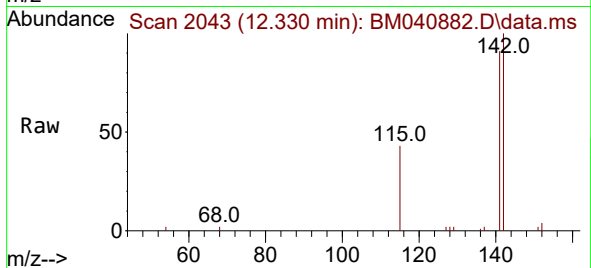




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

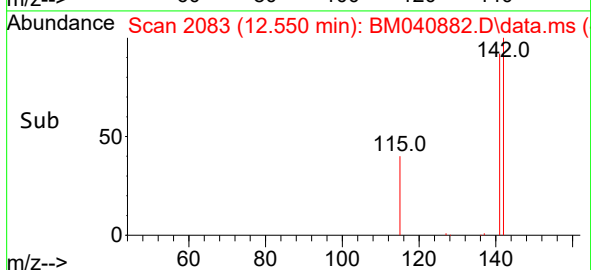
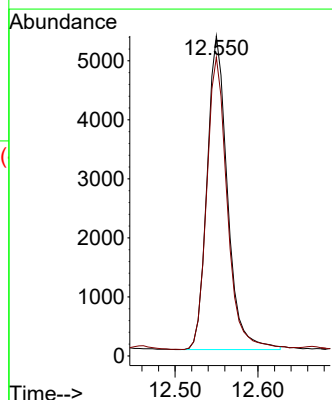
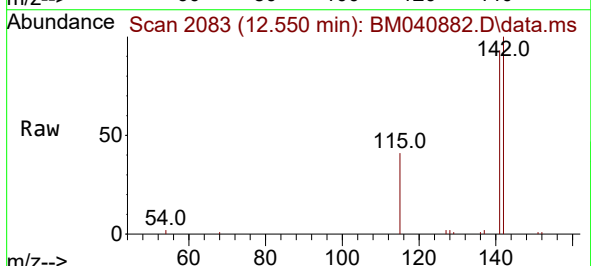
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

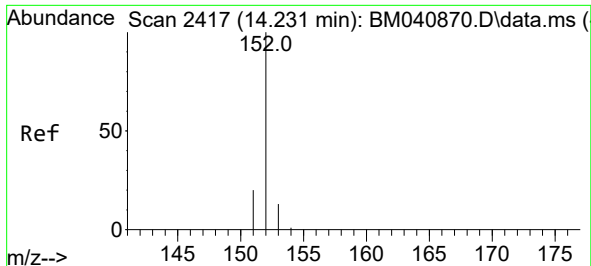
Tgt Ion:142 Resp: 8938
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:142 Resp: 9087
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5

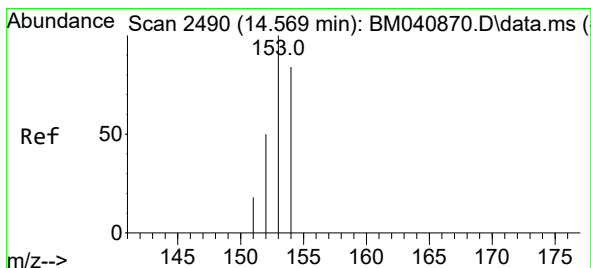
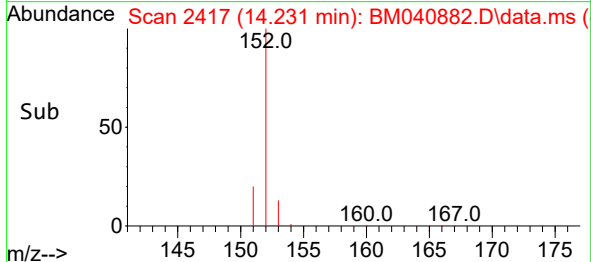
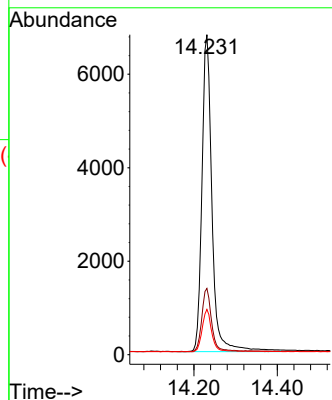
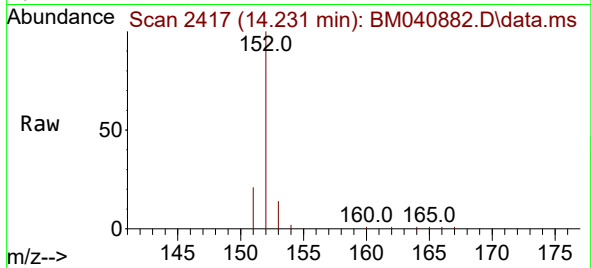




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

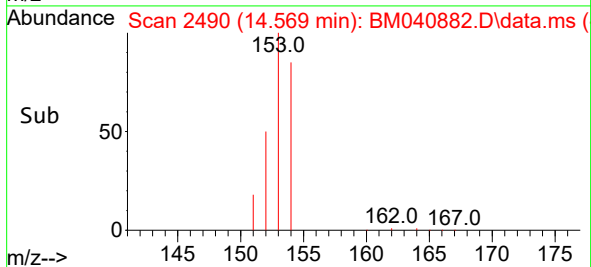
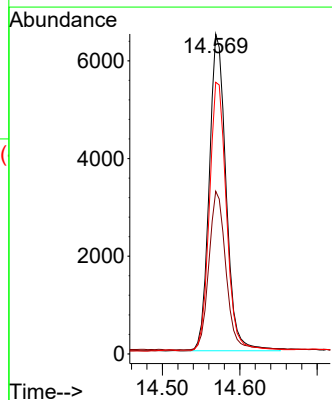
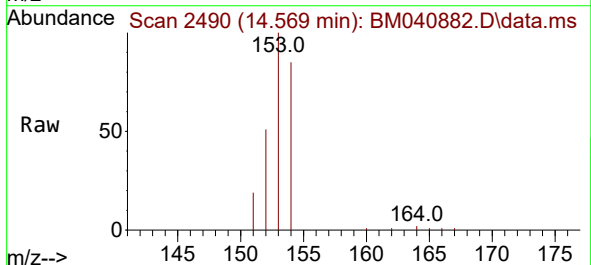
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

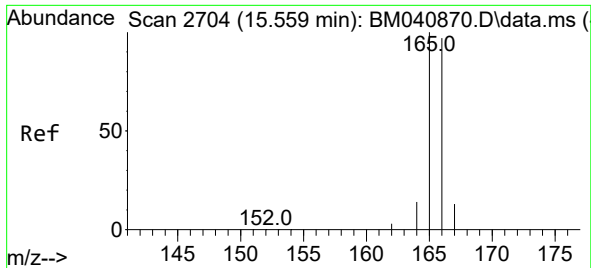
Tgt Ion:152 Resp: 11379
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:153 Resp: 9834
Ion Ratio Lower Upper
153 100
152 50.8 41.0 61.4
154 84.9 70.8 106.2

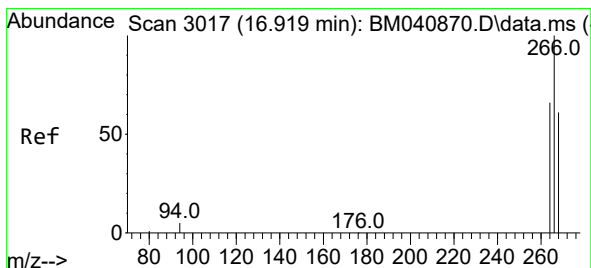
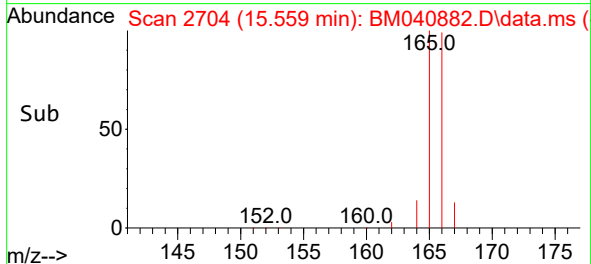
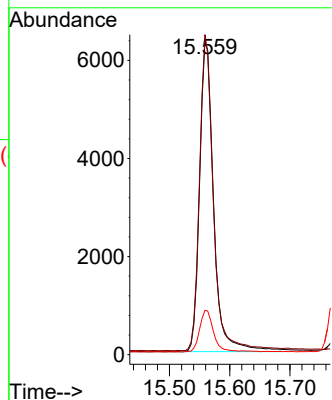
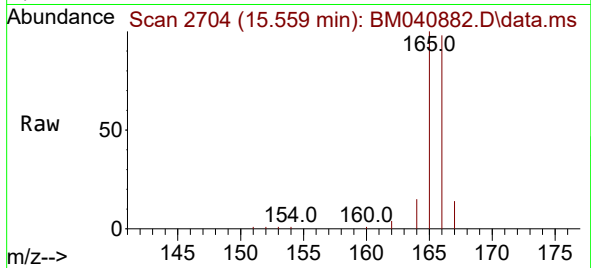




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

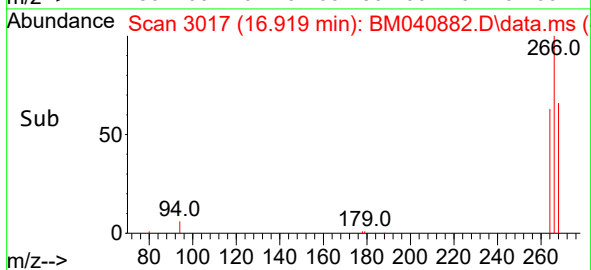
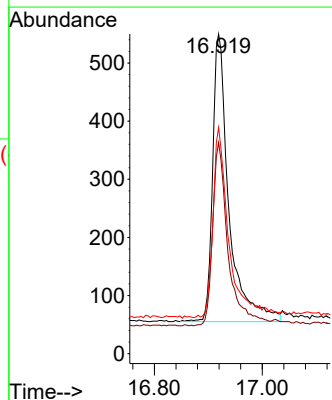
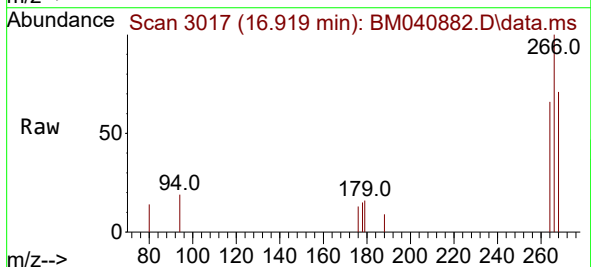
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

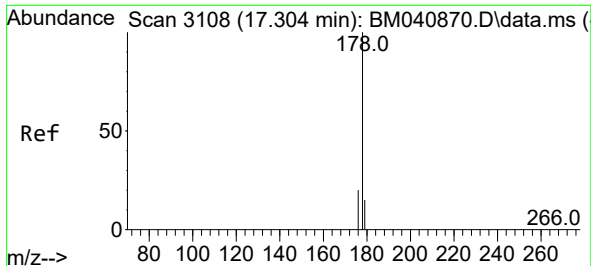
Tgt Ion:166 Resp: 10296
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.419 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.008 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:266 Resp: 1039
Ion Ratio Lower Upper
266 100
264 60.6 45.4 68.0
268 65.1 47.2 70.8

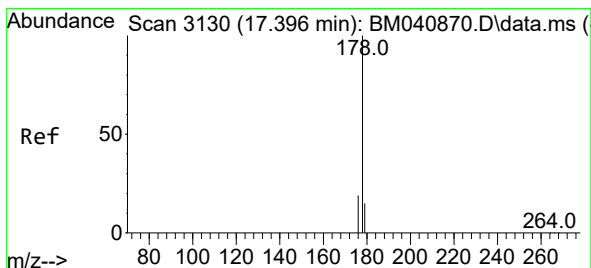
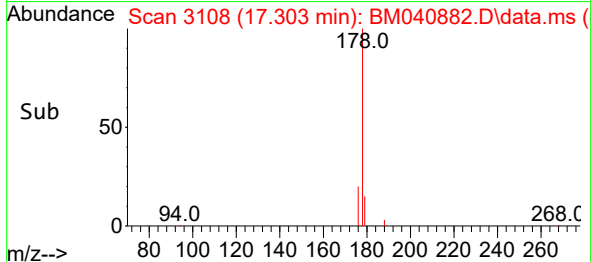
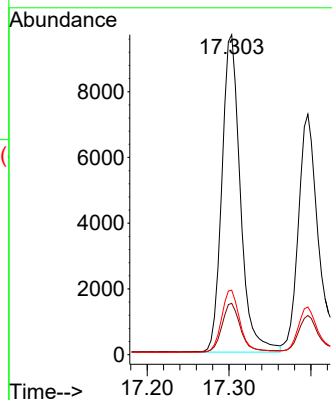
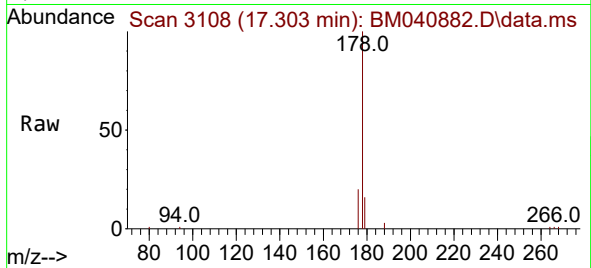




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

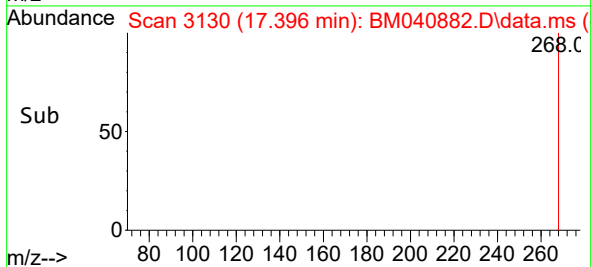
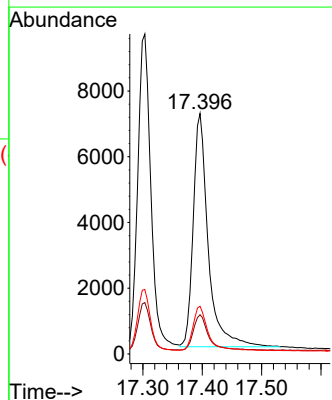
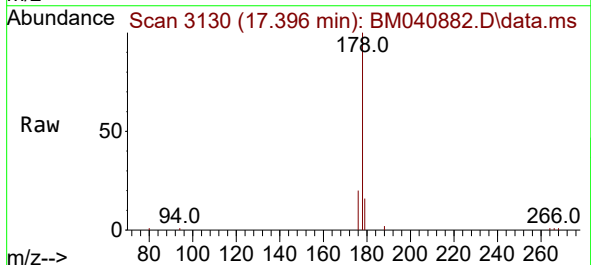
Instrument :
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ClientSampleId :
SSTD0.4178

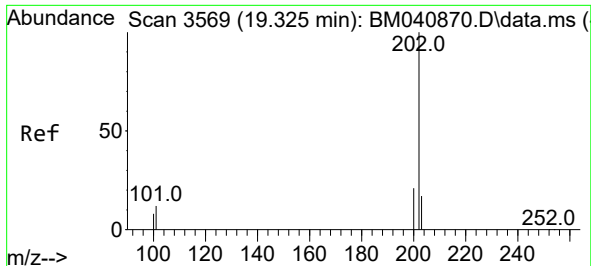
Tgt Ion:178 Resp: 15095
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.1 16.4 24.6



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:178 Resp: 12420
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.8 15.8 23.6

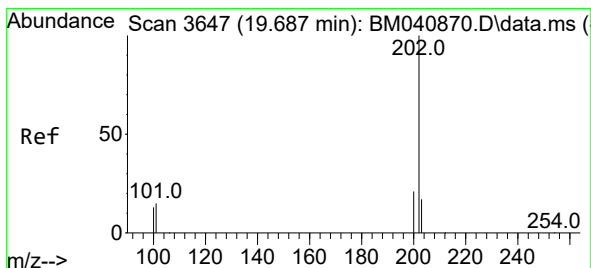
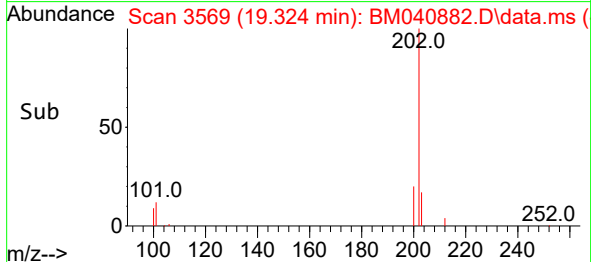
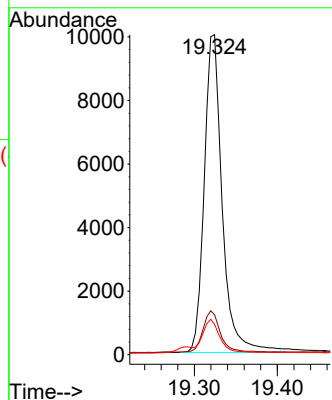
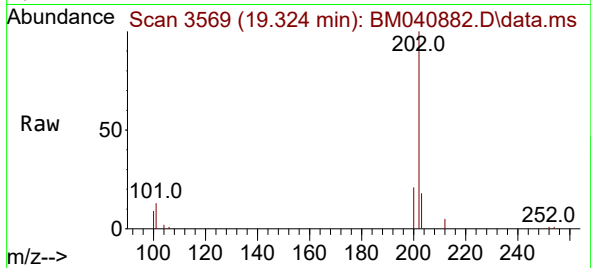




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

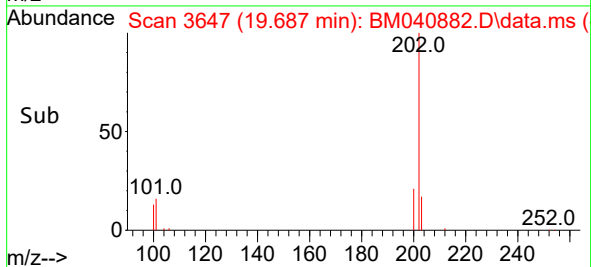
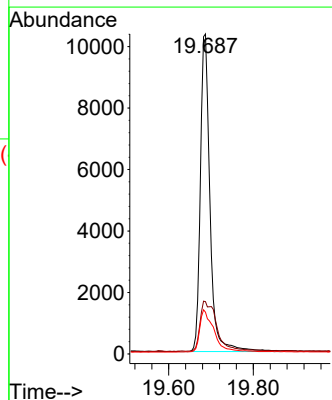
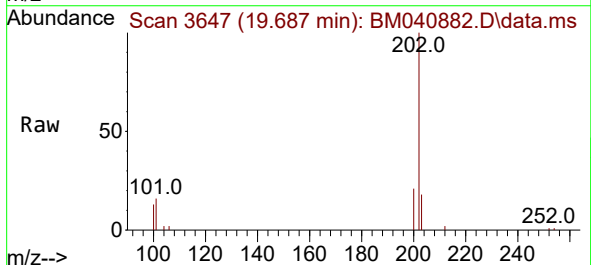
Instrument :
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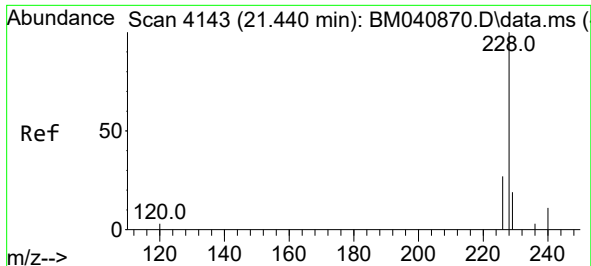
Tgt Ion:202 Resp: 15107
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.5 8.7 13.1



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:202 Resp: 16357
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 13.1 9.8 14.6

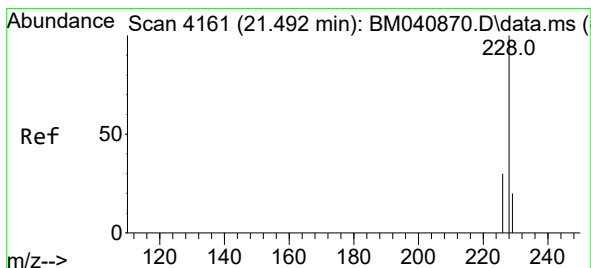
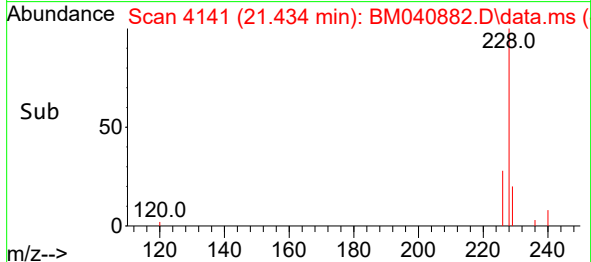
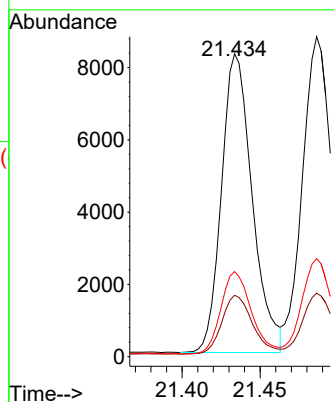
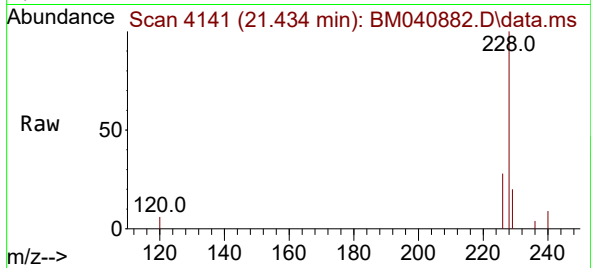




#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.434 min Scan# 4143
Delta R.T. -0.012 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

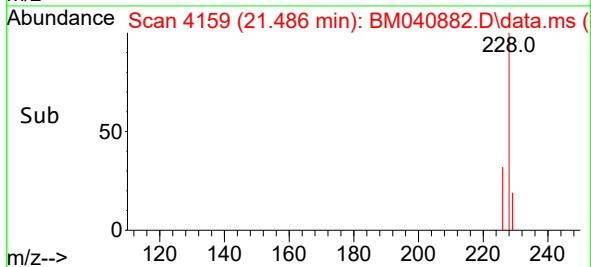
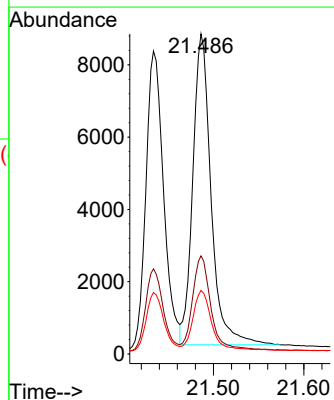
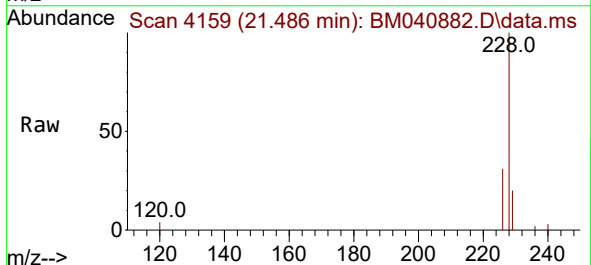
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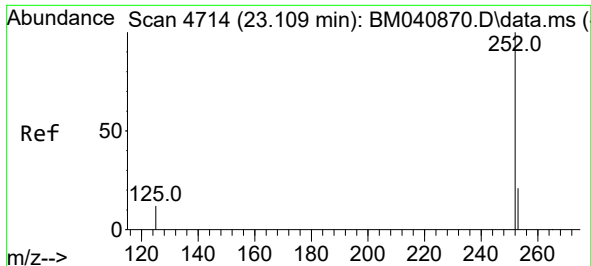
Tgt Ion:228 Resp: 11320
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:228 Resp: 12090
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 19.9 15.8 23.6

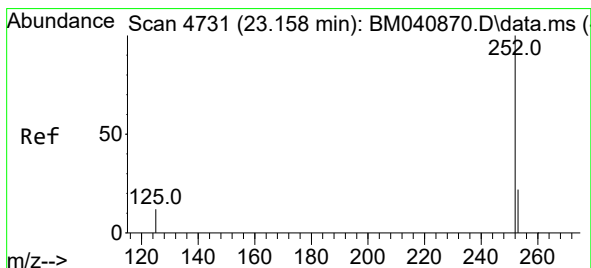
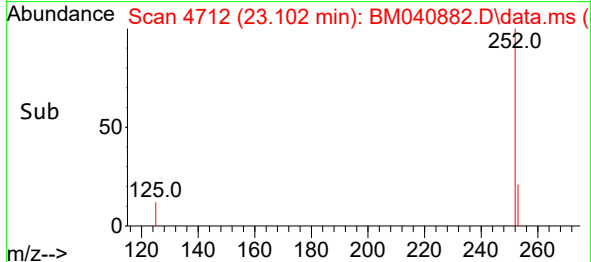
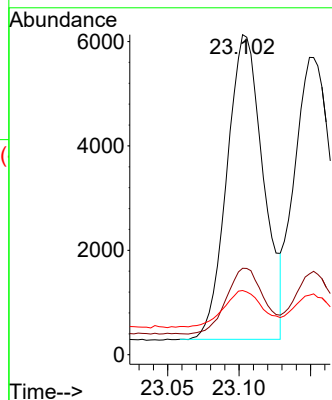
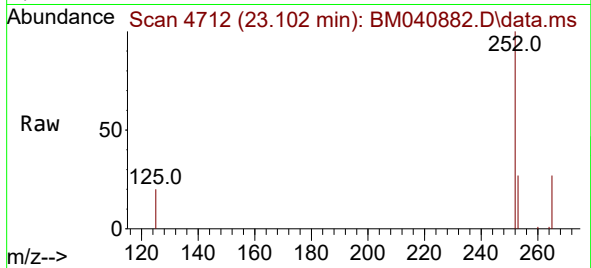




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.102 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

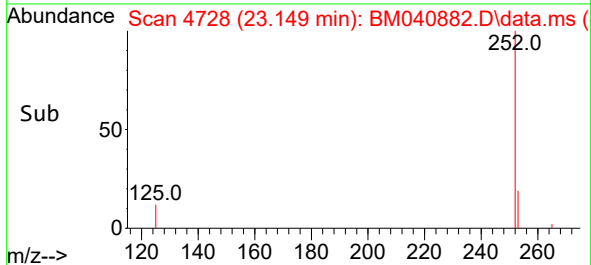
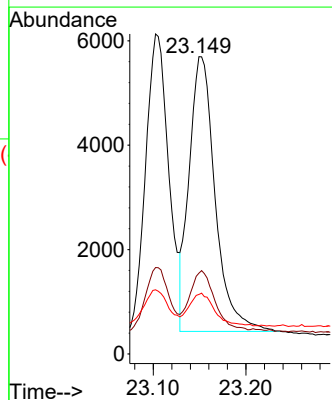
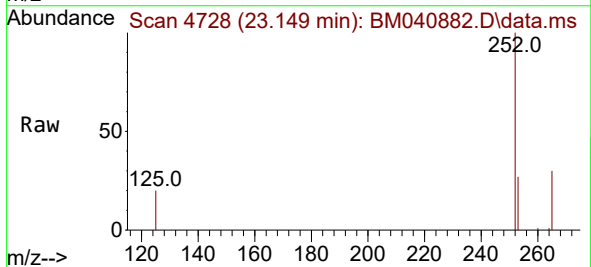
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

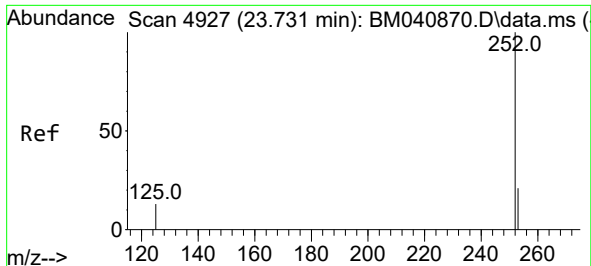
Tgt Ion:252 Resp: 10354
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.8
125 20.0 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.018 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:252 Resp: 10288
Ion Ratio Lower Upper
252 100
253 27.2 21.2 31.8
125 20.0 16.4 24.6

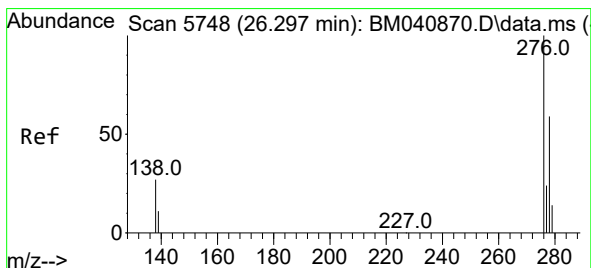
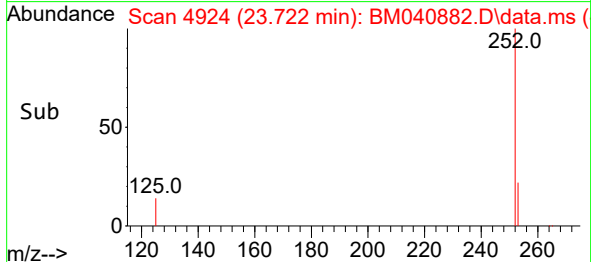
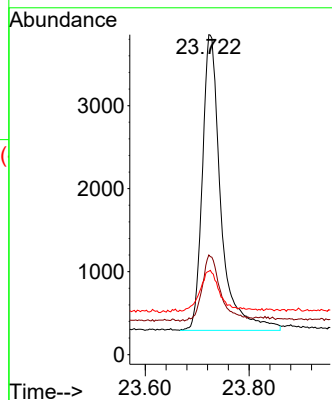
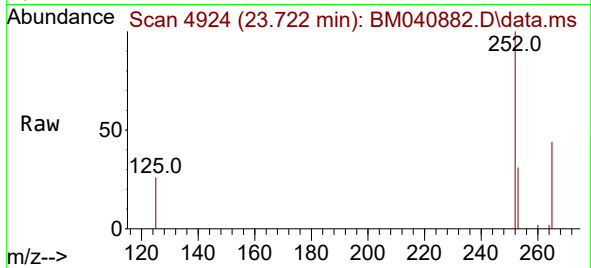




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.722 min Scan# 4927
Delta R.T. -0.017 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

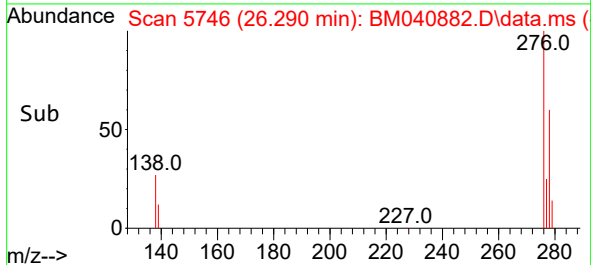
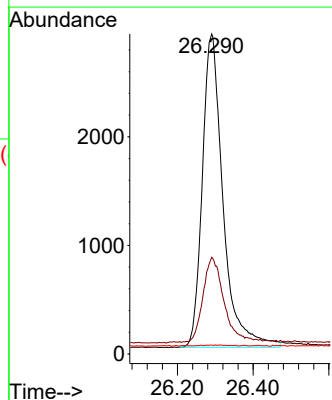
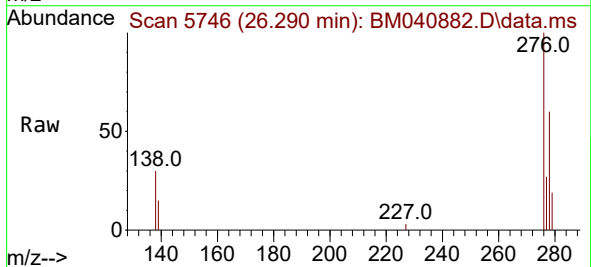
Instrument :
BNA_M
ClientSampleId :
SSTD0.4178

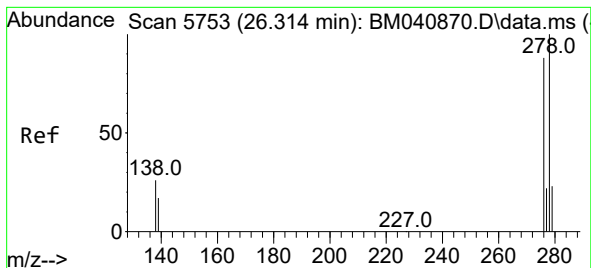
Tgt Ion:252 Resp: 8777
Ion Ratio Lower Upper
252 100
253 31.2 22.9 34.3
125 26.0 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040882.D
Acq: 14 Jul 2023 16:56

Tgt Ion:276 Resp: 10960
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.341 ng/ul

RT: 26.307 min Scan# 5

Delta R.T. -0.020 min

Lab File: BM040882.D

Acq: 14 Jul 2023 16:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.4178

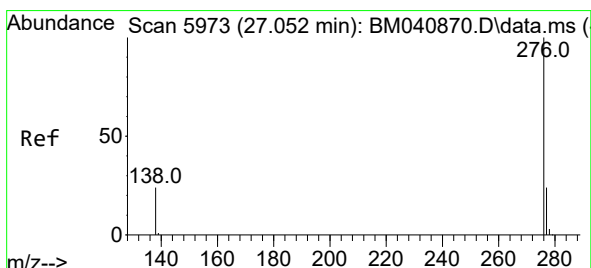
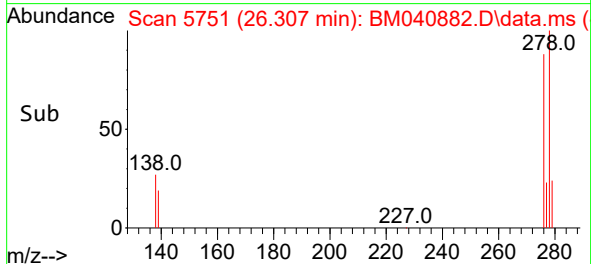
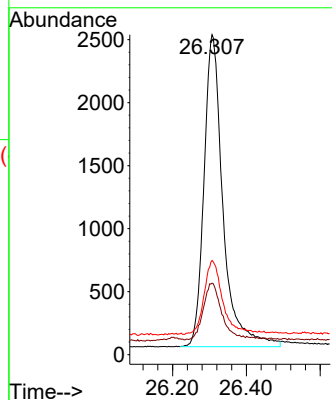
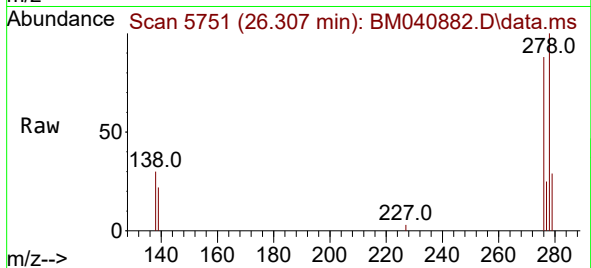
Tgt Ion:278 Resp: 8848

Ion Ratio Lower Upper

278 100

139 22.3 17.9 26.9

279 29.5 22.0 33.0



#29

Benzo(g,h,i)perylene

Concen: 0.326 ng/ul

RT: 27.045 min Scan# 5971

Delta R.T. -0.023 min

Lab File: BM040882.D

Acq: 14 Jul 2023 16:56

Tgt Ion:276 Resp: 9468

Ion Ratio Lower Upper

276 100

138 27.0 23.0 34.6

277 26.1 20.3 30.5

