

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040870.D
 Acq On : 14 Jul 2023 08:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4177

Quant Time: Jul 15 03:13:47 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

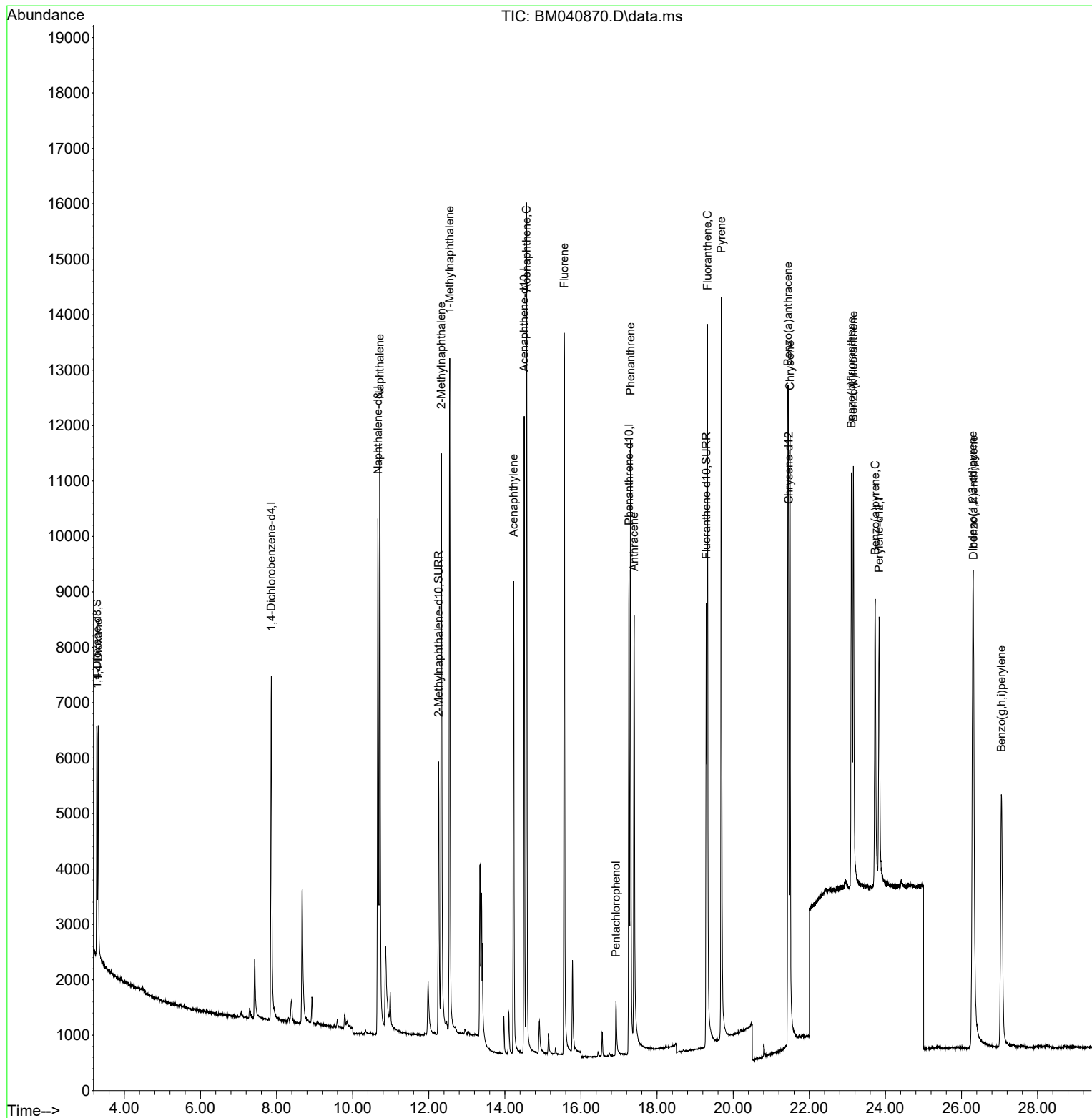
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14109	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10792	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	7162	0.400	ng/ul	0.00
23) Perylene-d12	23.837	264	7383	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2340	0.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.259	152	7845	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9587	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	2518	0.397	ng/ul#	88
5) Naphthalene	10.713	128	15429	0.396	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	8921	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	9026	0.395	ng/ul	99
10) Acenaphthylene	14.231	152	10893	0.379	ng/ul	99
11) Acenaphthene	14.569	153	9253	0.381	ng/ul	97
12) Fluorene	15.559	166	9234	0.356	ng/ul	97
14) Pentachlorophenol	16.919	266	924	0.445	ng/ul	94
15) Phenanthrene	17.304	178	12626	0.377	ng/ul	100
16) Anthracene	17.396	178	10330	0.367	ng/ul	98
19) Fluoranthene	19.325	202	12097	0.398	ng/ul	97
20) Pyrene	19.687	202	12651	0.388	ng/ul	99
21) Benzo(a)anthracene	21.440	228	9705	0.401	ng/ul	99
22) Chrysene	21.492	228	10543	0.382	ng/ul	99
24) Benzo(b)fluoranthene	23.109	252	10319	0.361	ng/ul	97
25) Benzo(k)fluoranthene	23.158	252	10473	0.372	ng/ul	96
26) Benzo(a)pyrene	23.731	252	9217	0.358	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.297	276	12712	0.355	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.314	278	10186	0.363	ng/ul	98
29) Benzo(g,h,i)perylene	27.052	276	11004	0.350	ng/ul	98

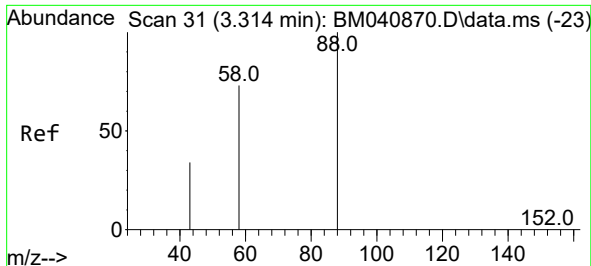
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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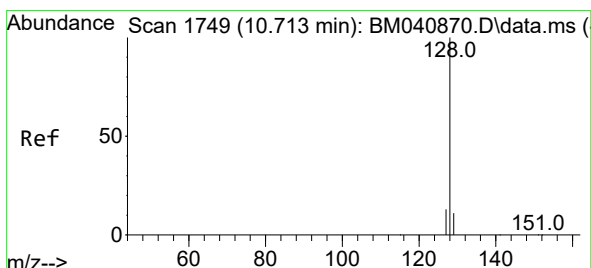
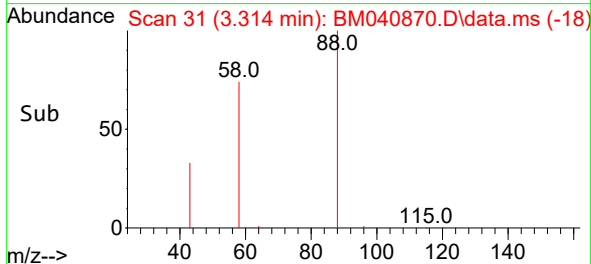
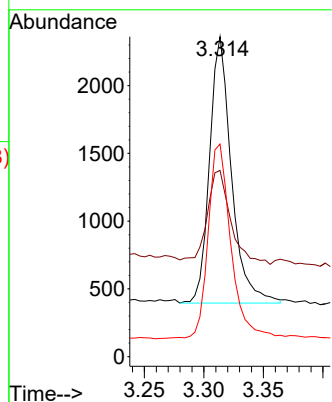
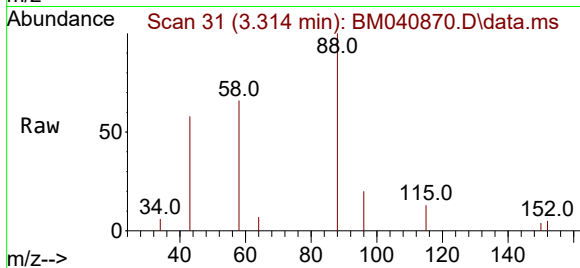




#2
1,4-Dioxane
Concen: 0.397 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

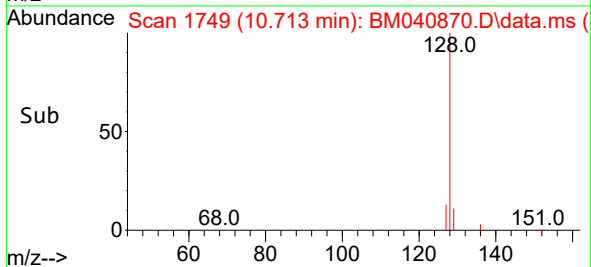
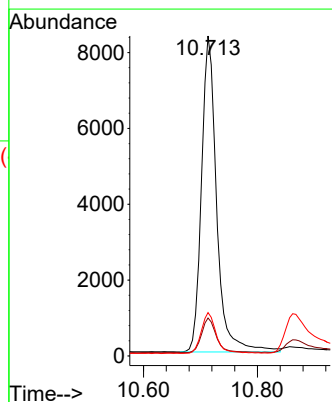
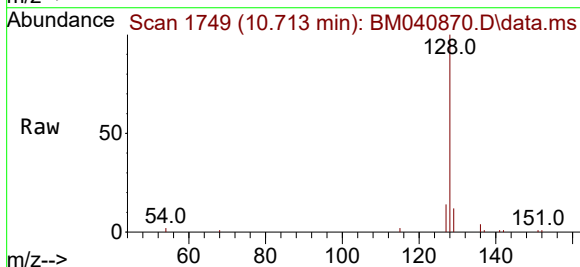
Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

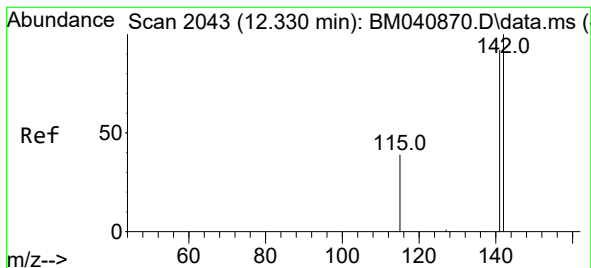
Tgt Ion: 88 Resp: 2518
Ion Ratio Lower Upper
88 100
43 58.2 36.1 54.1#
58 66.5 49.8 74.8



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion: 128 Resp: 15429
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.6 15.8

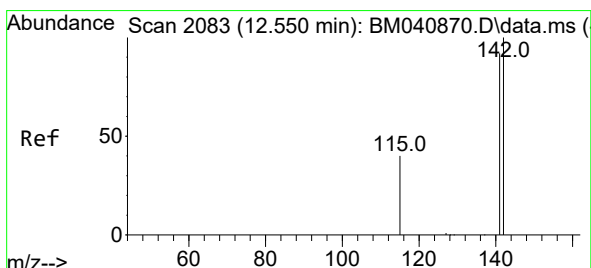
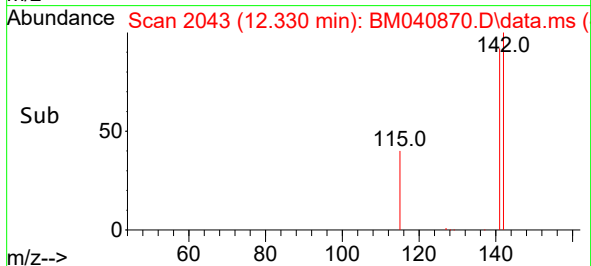
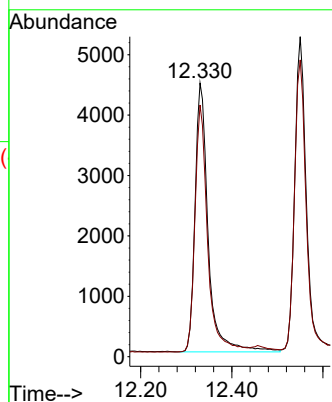
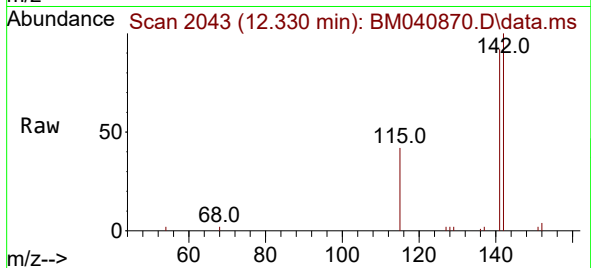




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

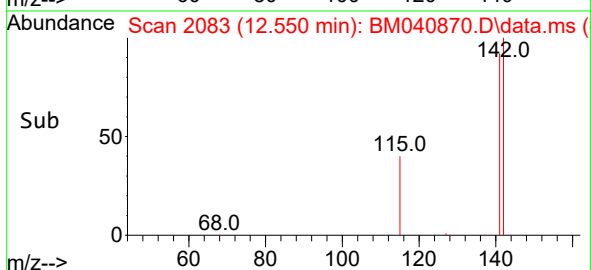
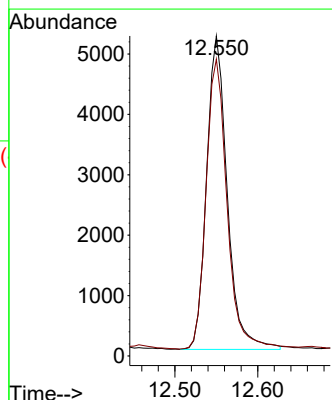
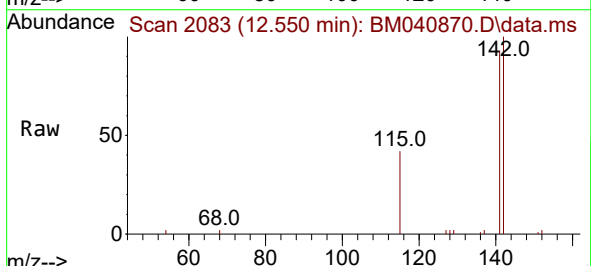
Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

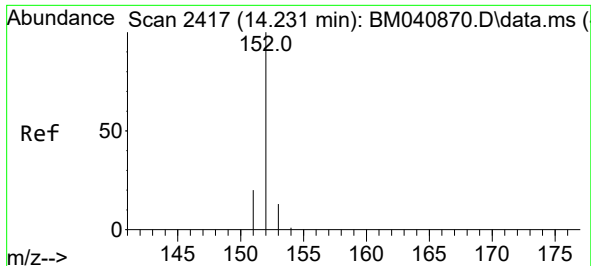
Tgt Ion:142 Resp: 8921
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:142 Resp: 9026
Ion Ratio Lower Upper
142 100
141 93.5 73.7 110.5

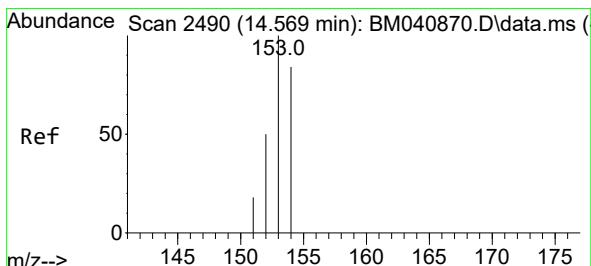
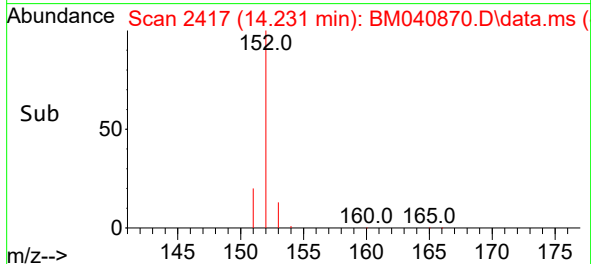
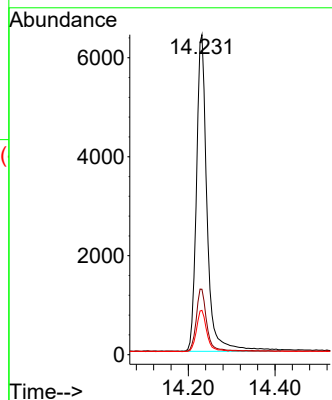
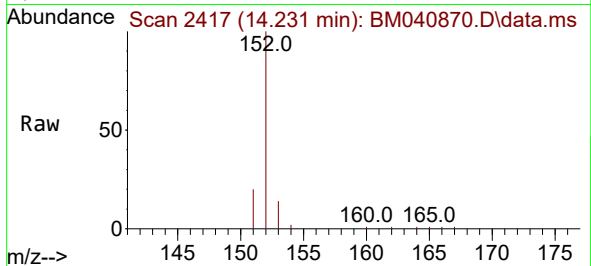




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

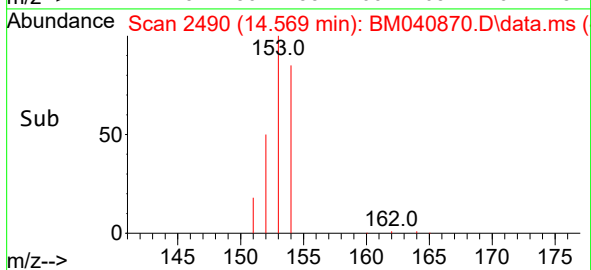
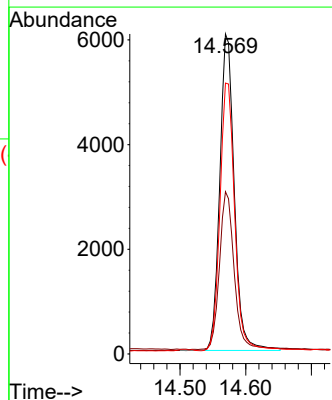
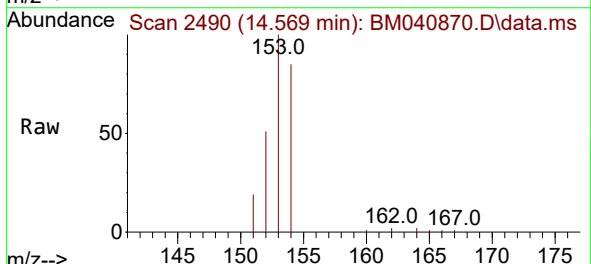
Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

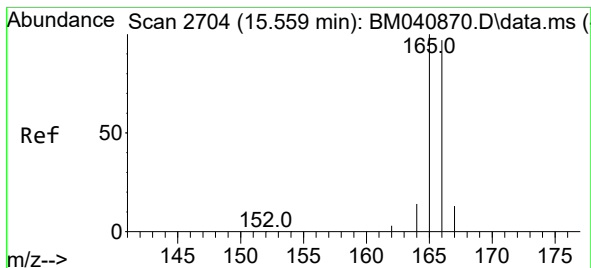
Tgt Ion:152 Resp: 10893
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:153 Resp: 9253
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 84.7 70.8 106.2





#12

Fluorene

Concen: 0.356 ng/ul

RT: 15.559 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM040870.D

Acq: 14 Jul 2023 08:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4177

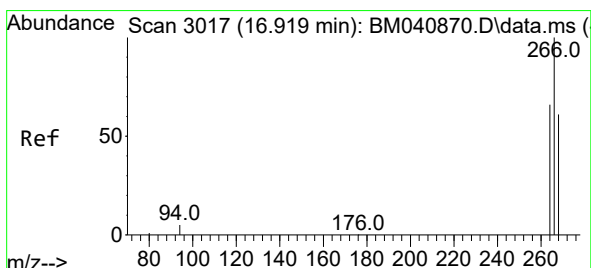
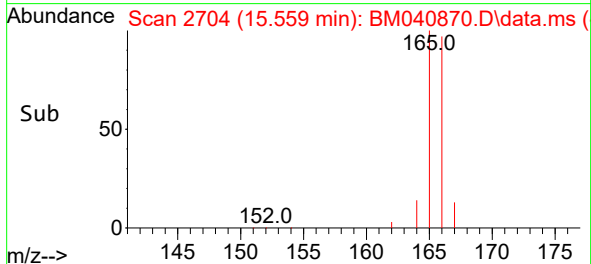
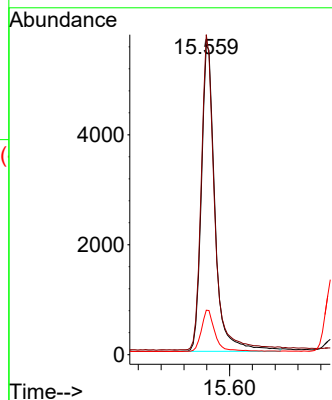
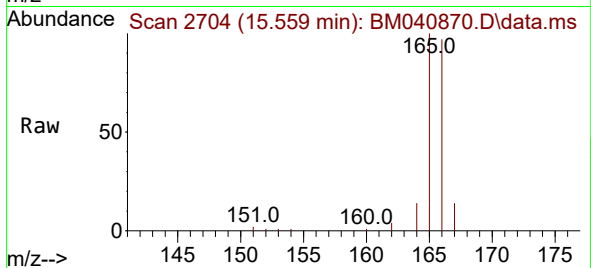
Tgt Ion:166 Resp: 9234

Ion Ratio Lower Upper

166 100

165 103.4 79.6 119.4

167 14.3 11.4 17.0



#14

Pentachlorophenol

Concen: 0.445 ng/ul

RT: 16.919 min Scan# 3017

Delta R.T. -0.008 min

Lab File: BM040870.D

Acq: 14 Jul 2023 08:16

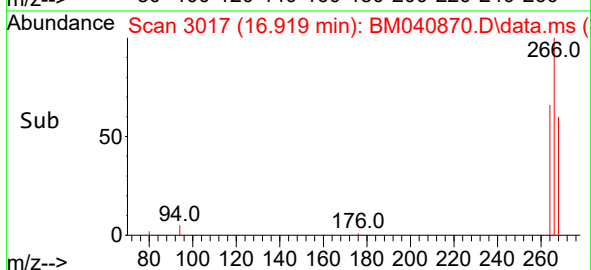
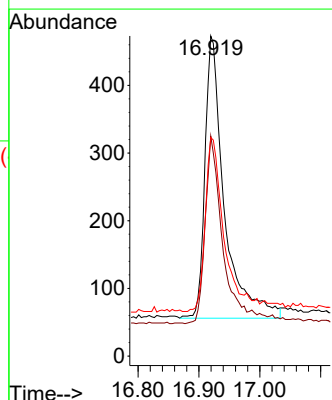
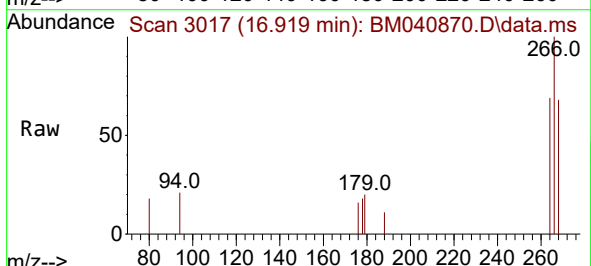
Tgt Ion:266 Resp: 924

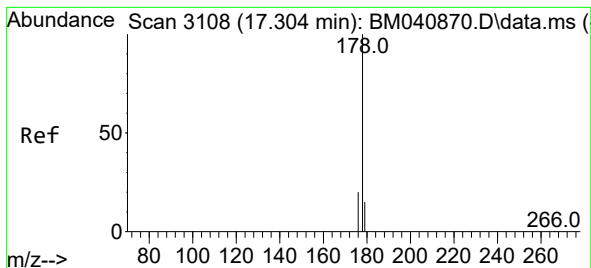
Ion Ratio Lower Upper

266 100

264 62.0 45.4 68.0

268 62.6 47.2 70.8





#15

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.304 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BM040870.D

Acq: 14 Jul 2023 08:16

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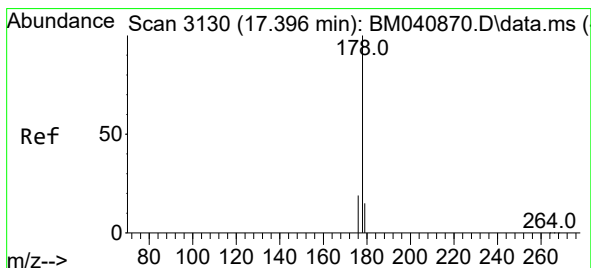
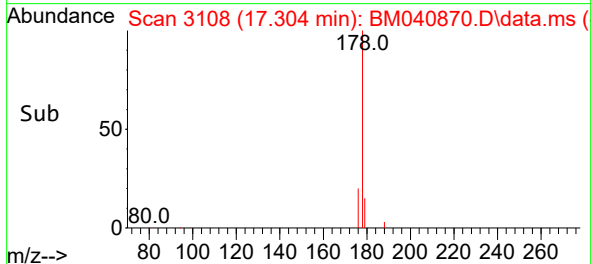
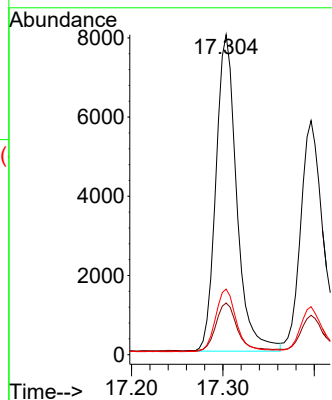
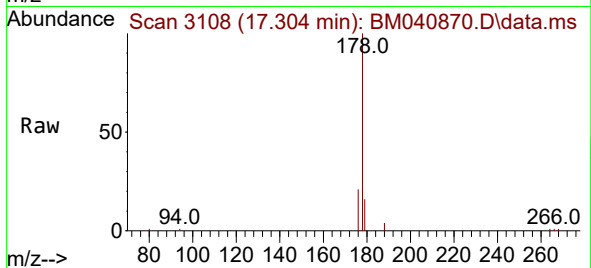
Tgt Ion:178 Resp: 12626

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.5 16.4 24.6



#16

Anthracene

Concen: 0.367 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM040870.D

Acq: 14 Jul 2023 08:16

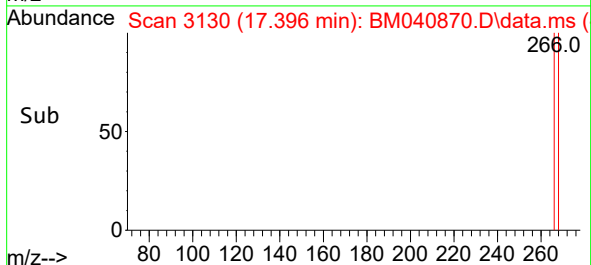
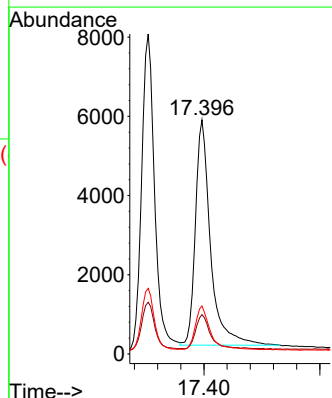
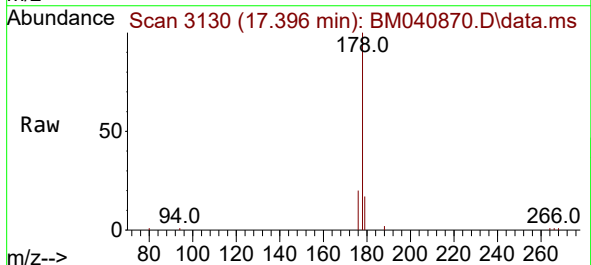
Tgt Ion:178 Resp: 10330

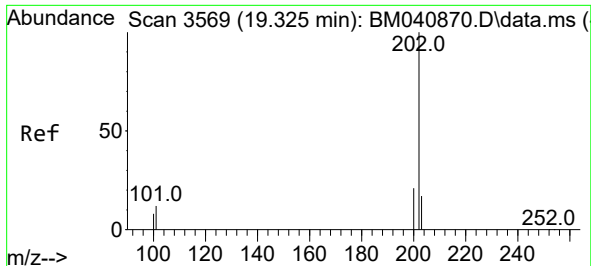
Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

176 20.5 15.8 23.6

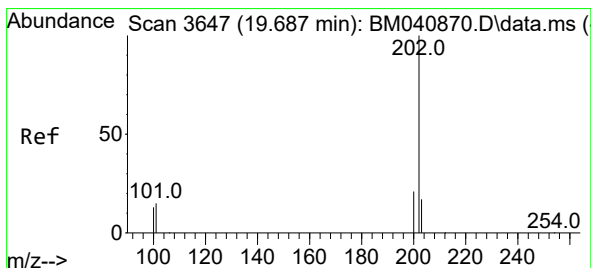
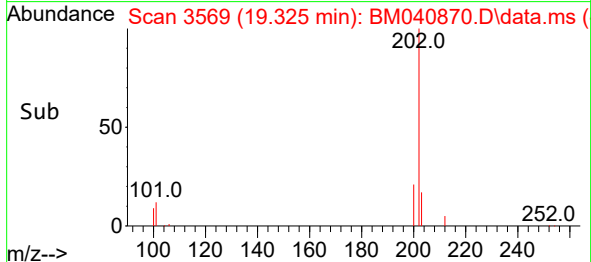
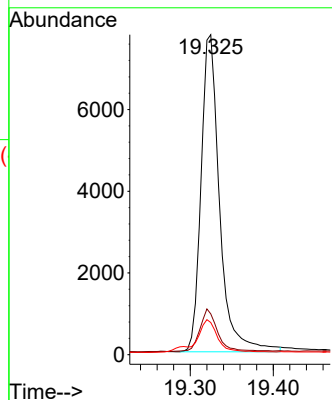
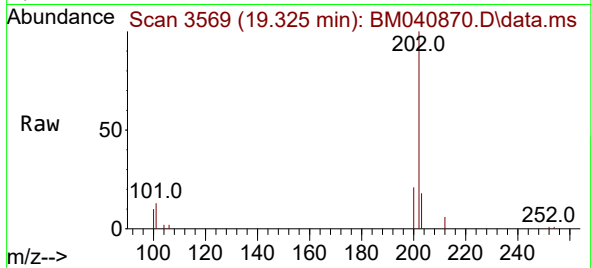




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.325 min Scan# 3569
Delta R.T. -0.004 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

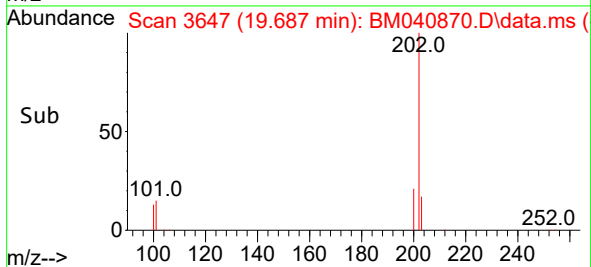
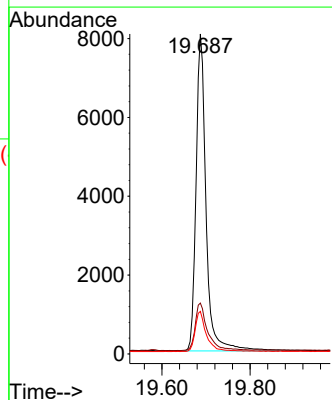
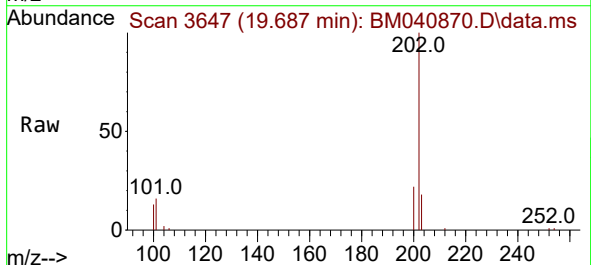
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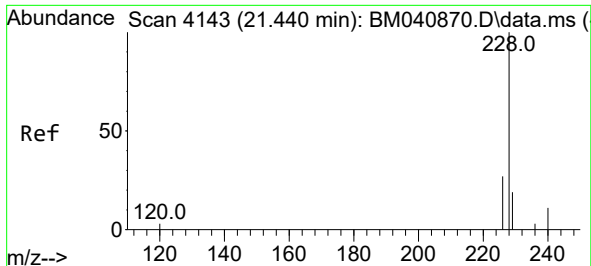
Tgt Ion:202 Resp: 12097
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.1 8.7 13.1



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:202 Resp: 12651
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 13.3 9.8 14.6

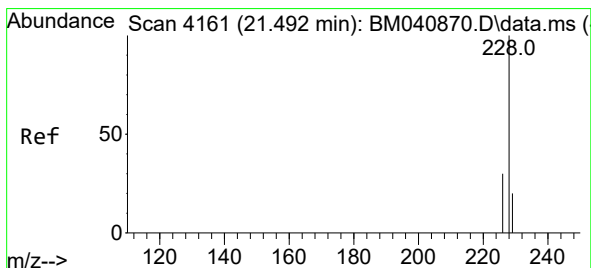
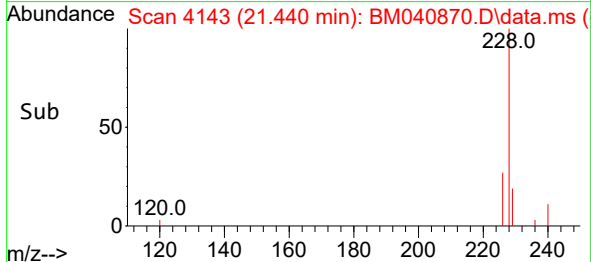
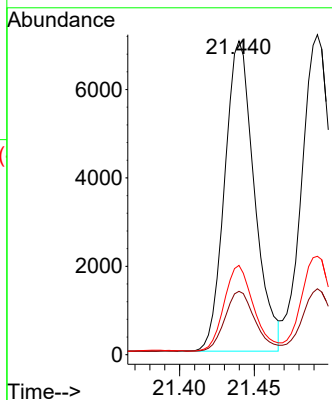
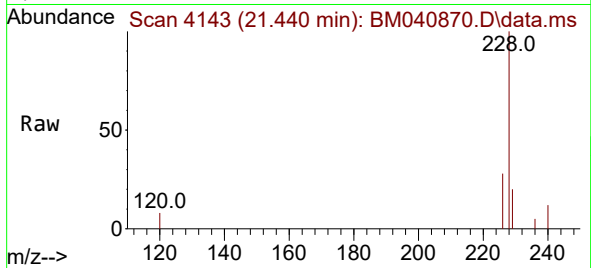




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.440 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

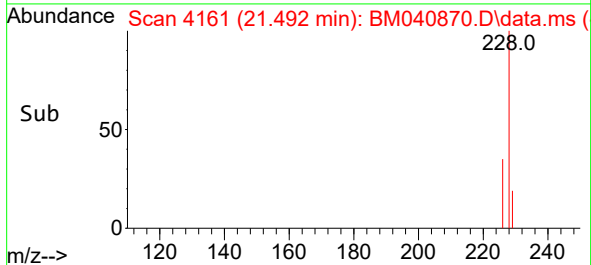
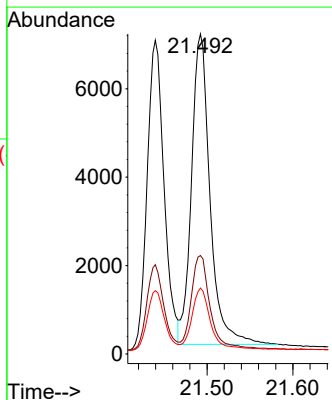
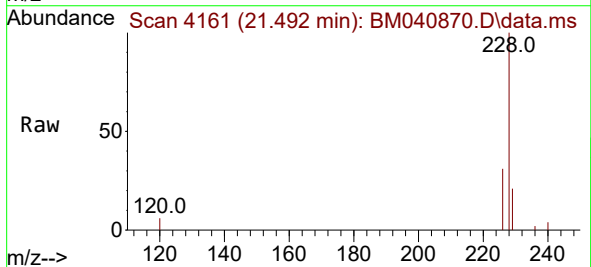
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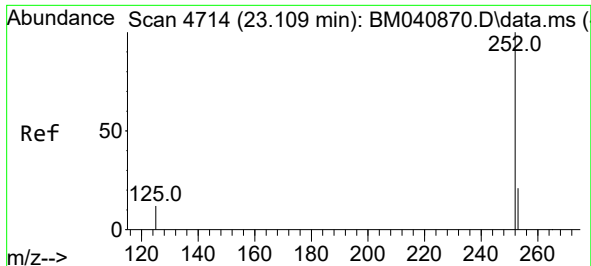
Tgt Ion:228 Resp: 9705
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:228 Resp: 10543
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.6 15.8 23.6

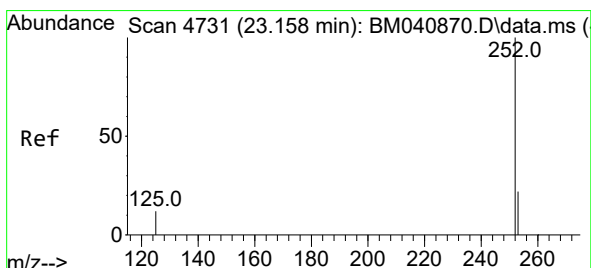
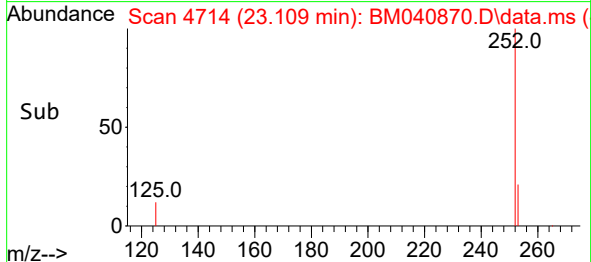
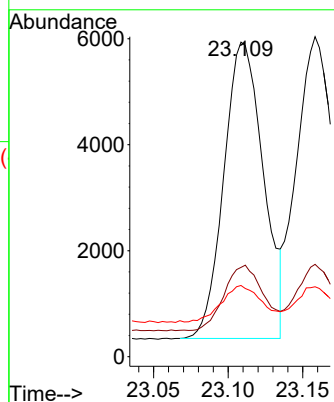
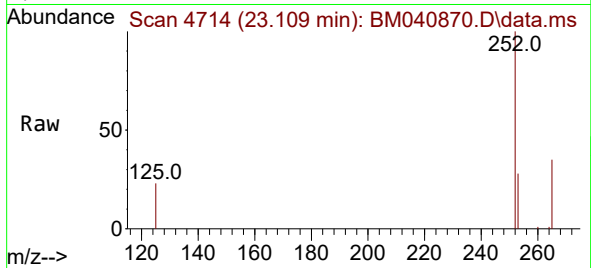




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.109 min Scan# 4714
Delta R.T. -0.011 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

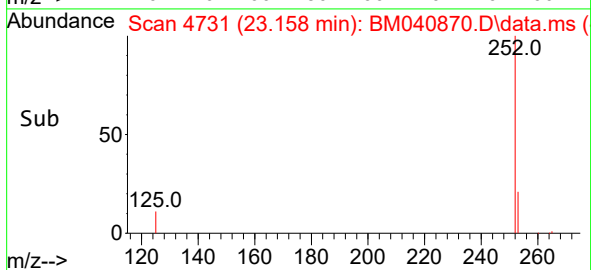
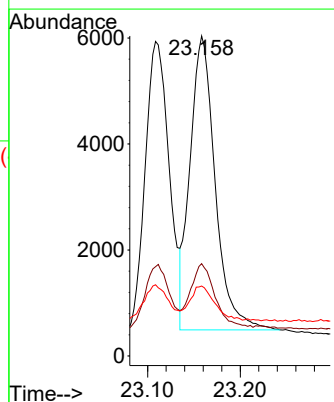
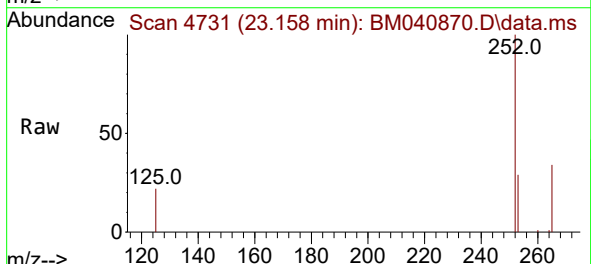
Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

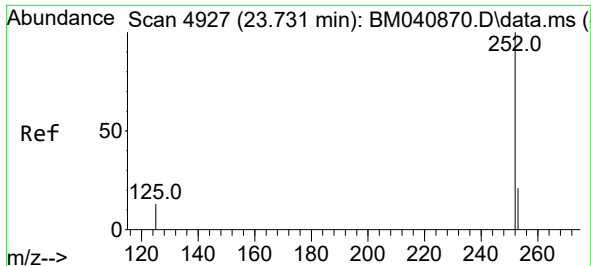
Tgt Ion:252 Resp: 10319
Ion Ratio Lower Upper
252 100
253 28.4 0.0 52.8
125 22.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.158 min Scan# 4731
Delta R.T. -0.008 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:252 Resp: 10473
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 21.8 16.4 24.6

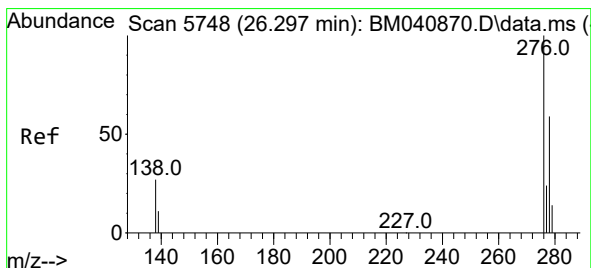
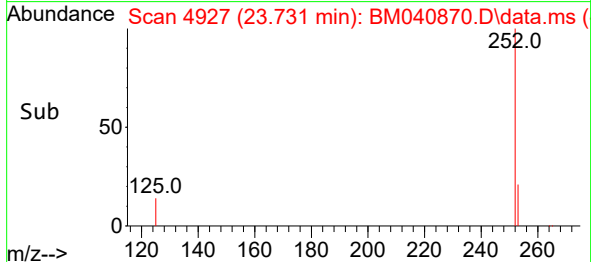
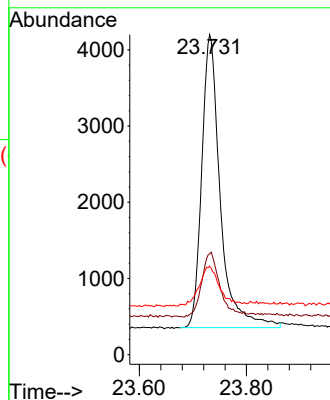
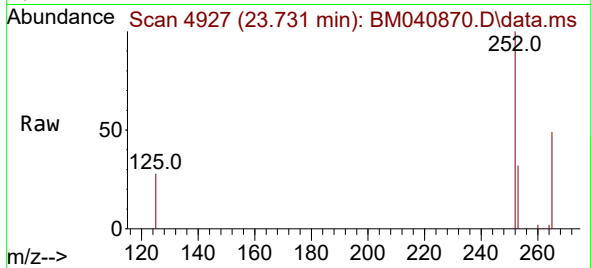




#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.731 min Scan# 4927
Delta R.T. -0.008 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

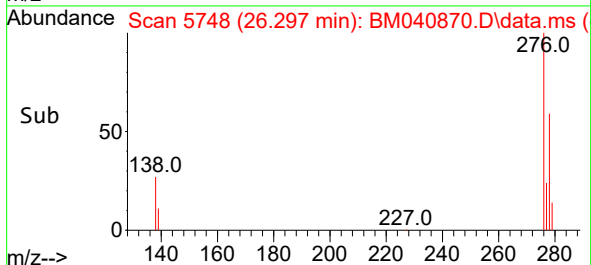
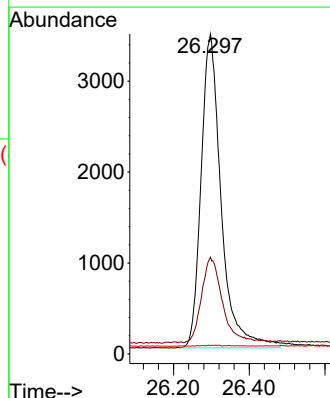
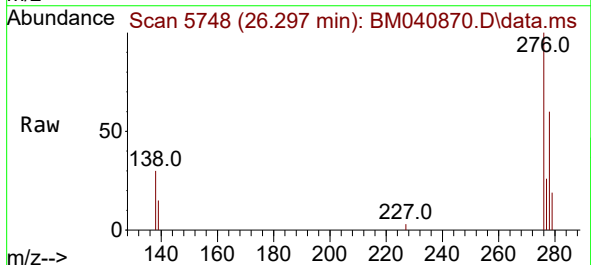
Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

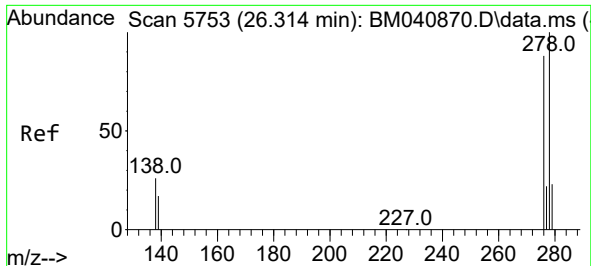
Tgt Ion:	252	Resp:	9217
Ion Ratio	Lower	Upper	
252	100		
253	31.5	22.9	34.3
125	27.7	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.010 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:	276	Resp:	12712
Ion Ratio	Lower	Upper	
276	100		
138	28.2	24.5	36.7
227	0.0	0.1	0.1

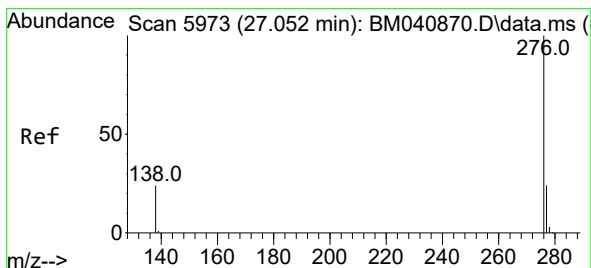
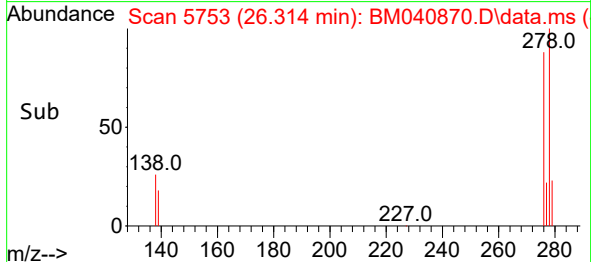
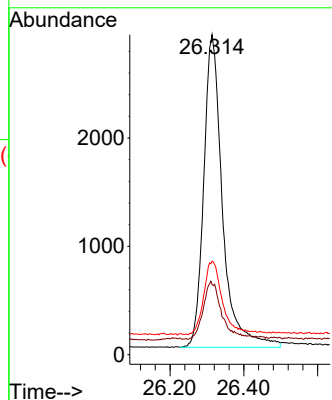
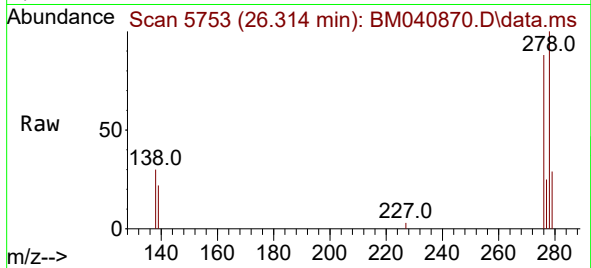




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:278 Resp: 10186
Ion Ratio Lower Upper
278 100
139 21.9 17.9 26.9
279 29.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul
RT: 27.052 min Scan# 5973
Delta R.T. -0.016 min
Lab File: BM040870.D
Acq: 14 Jul 2023 08:16

Tgt Ion:276 Resp: 11004
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.6
277 26.2 20.3 30.5

