

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046870.D
 Acq On : 27 Jul 2024 16:29
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG6

Quant Time: Jul 28 23:31:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

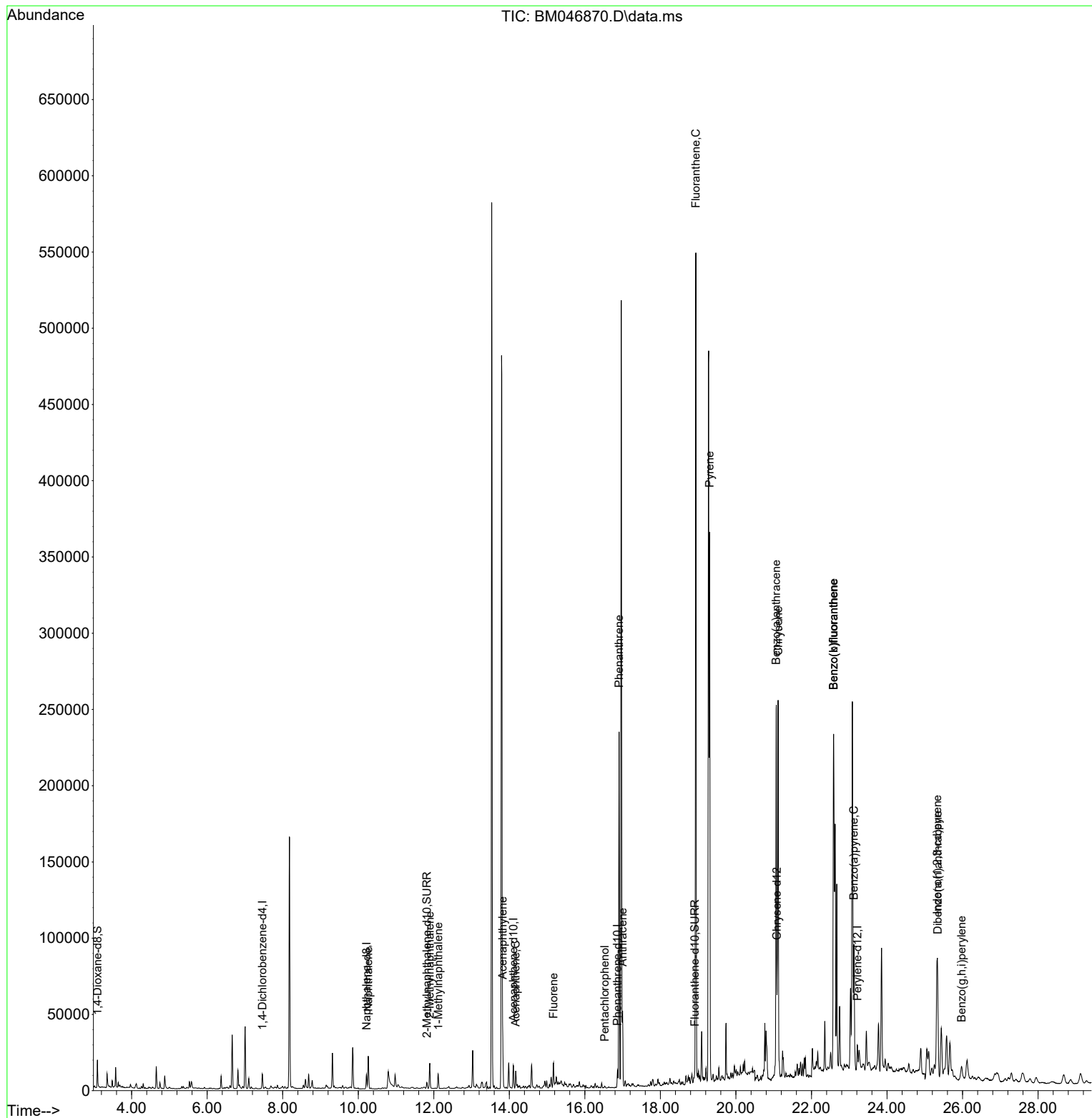
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.216	136	11880	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.109	164	7156	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.862	188	13977	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.081	240	8063	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	9202	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	10668	3.616	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.816	152	4486	0.238	ng/ul	-0.01
18) Fluoranthene-d10	18.909	212	7651	0.291	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.265	128	28060	0.934	ng/ul	97
7) 2-Methylnaphthalene	11.893	142	11243	0.544	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	6439	0.301	ng/ul	100
10) Acenaphthylene	13.822	152	36989	1.129	ng/ul	99
11) Acenaphthene	14.169	153	6582	0.296	ng/ul	98
12) Fluorene	15.168	166	11504	0.414	ng/ul#	96
14) Pentachlorophenol	16.525	266	389	0.061	ng/ul	96
15) Phenanthrene	16.905	178	228434	5.686	ng/ul	98
16) Anthracene	16.998	178	50631	1.354	ng/ul	99
19) Fluoranthene	18.937	202	481244	13.590	ng/ul	99
20) Pyrene	19.304	202	317404	8.665	ng/ul	99
21) Benzo(a)anthracene	21.064	228	195020	5.804	ng/ul	94
22) Chrysene	21.116	228	243022	7.120	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	486439	12.041	ng/ul	93
25) Benzo(k)fluoranthene	22.586	252	486439	11.948	ng/ul#	89
26) Benzo(a)pyrene	23.124	252	104245	3.594	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.329	276	125441	2.810	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.343	278	42125	1.289	ng/ul#	93
29) Benzo(g,h,i)perylene	25.973	276	19015	0.484	ng/ul#	79

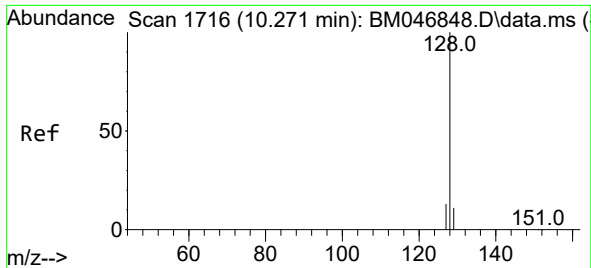
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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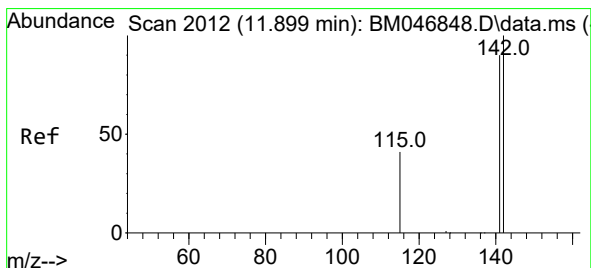
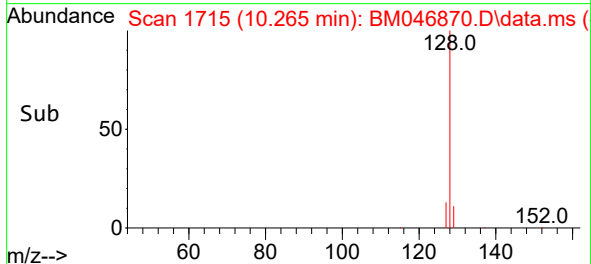
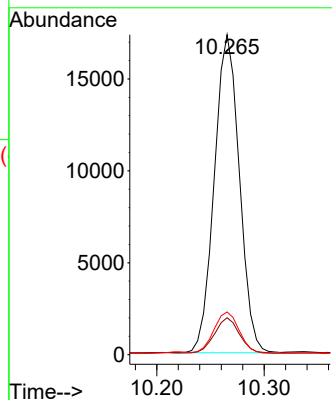
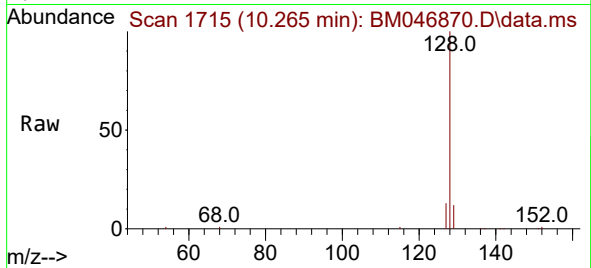




#5
Naphthalene
Concen: 0.934 ng/ul
RT: 10.265 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

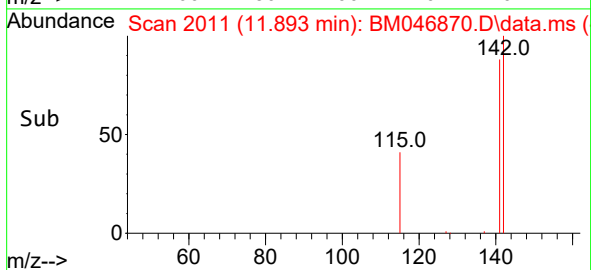
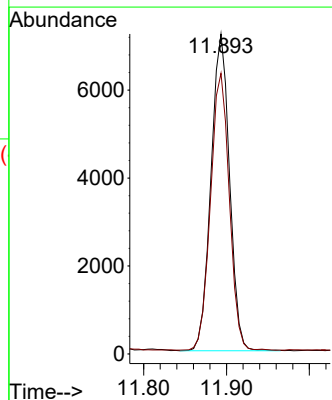
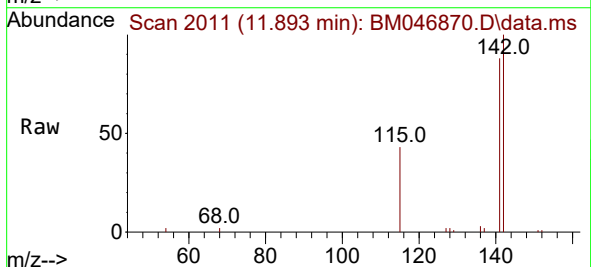
Instrument :
BNA_M
ClientSampleId :
A4CG6

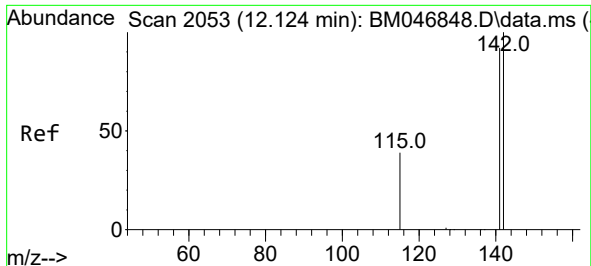
Tgt Ion:128 Resp: 28060
Ion Ratio Lower Upper
128 100
129 11.6 10.1 15.1
127 13.3 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.544 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Tgt Ion:142 Resp: 11243
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7

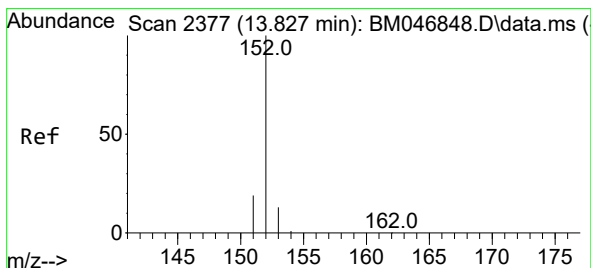
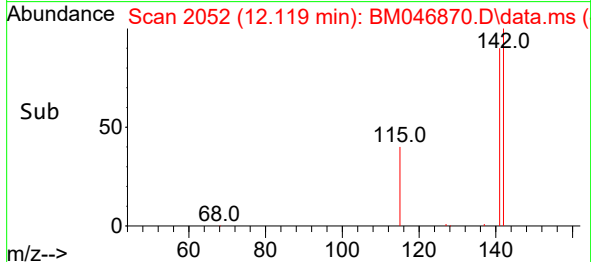
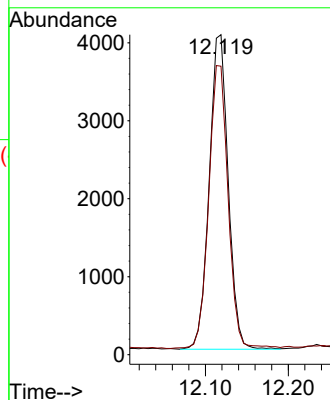
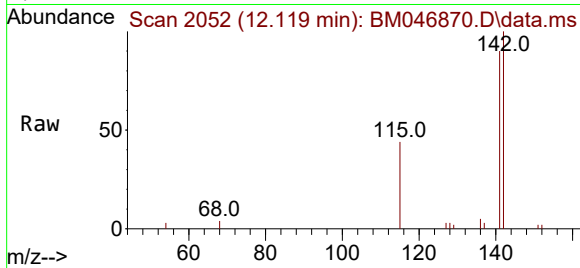




#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

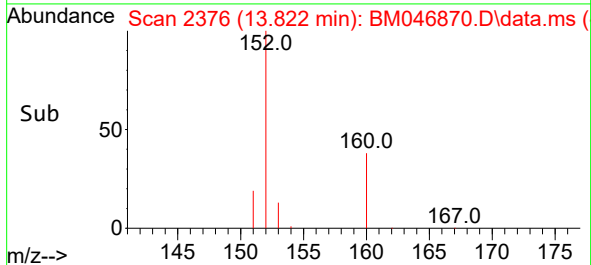
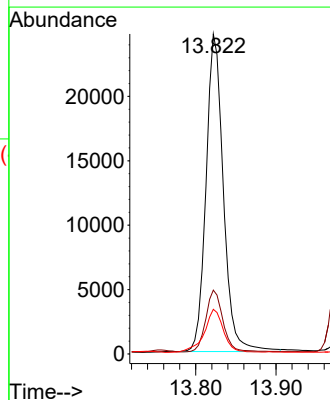
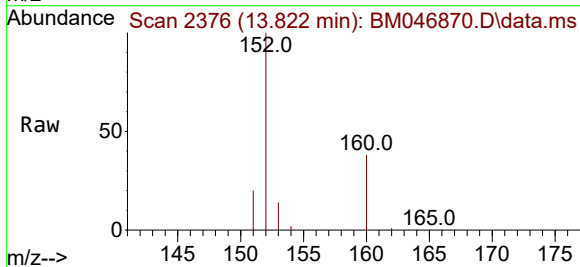
Instrument :
BNA_M
ClientSampleId :
A4CG6

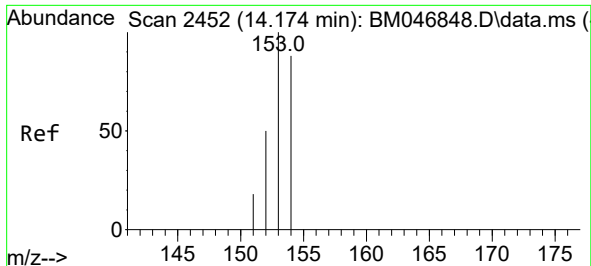
Tgt Ion:142 Resp: 6439
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7



#10
Acenaphthylene
Concen: 1.129 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

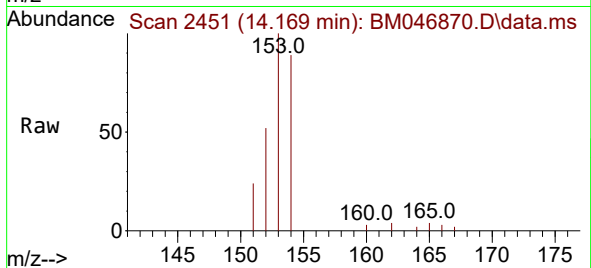
Tgt Ion:152 Resp: 36989
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.9 11.0 16.6



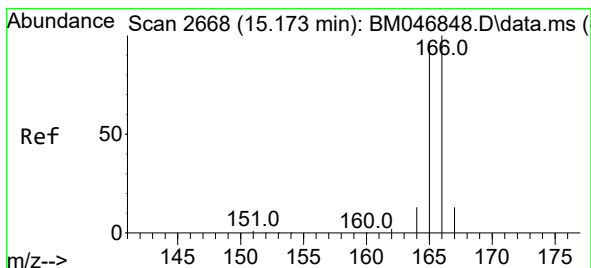
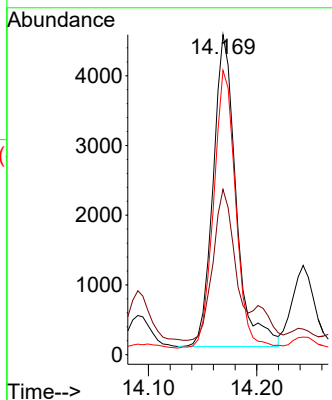
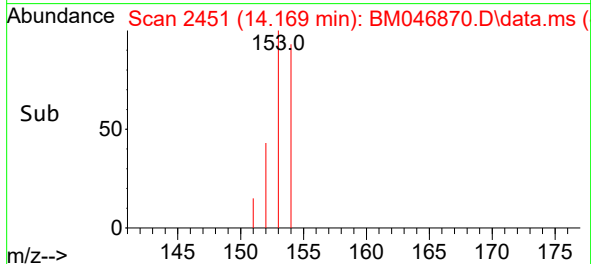


#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Instrument :
BNA_M
ClientSampleId :
A4CG6

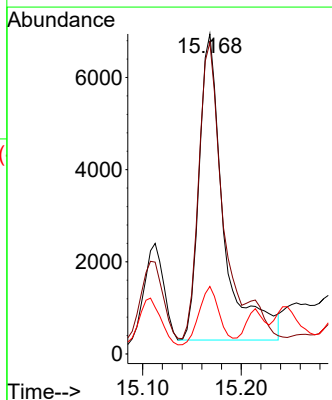
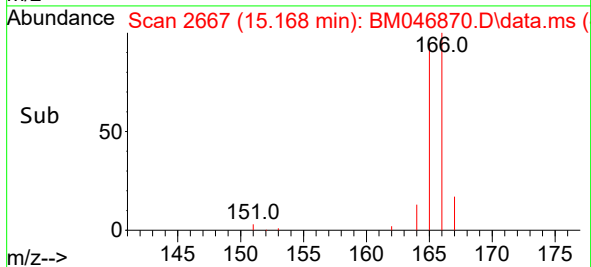
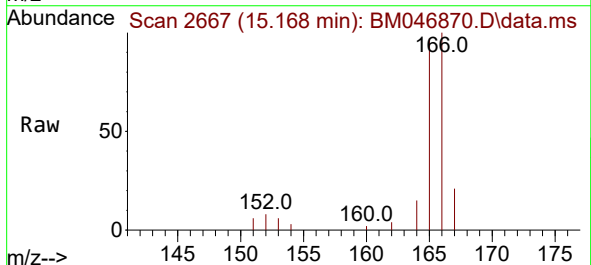


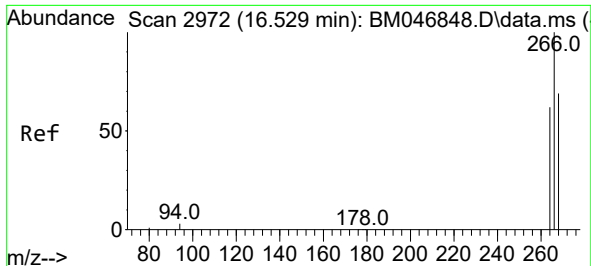
Tgt Ion:153 Resp: 6582
Ion Ratio Lower Upper
153 100
152 51.7 38.6 57.8
154 88.9 70.8 106.2



#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Tgt Ion:166 Resp: 11504
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.6
167 21.1 12.3 18.5#

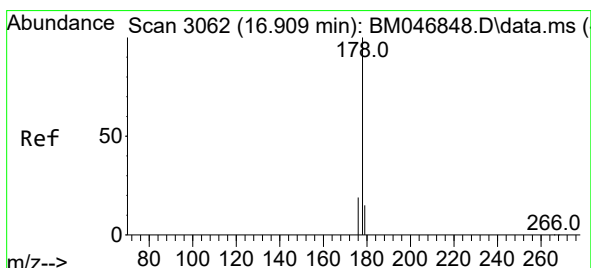
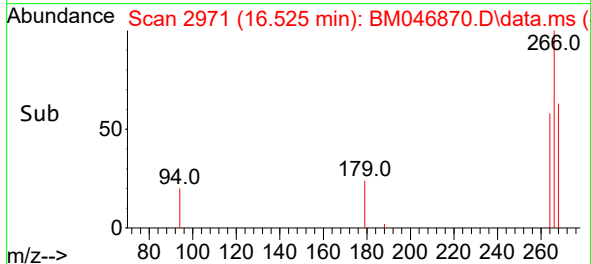
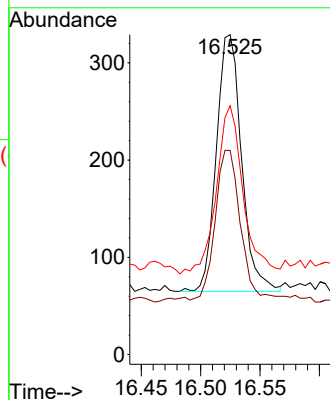
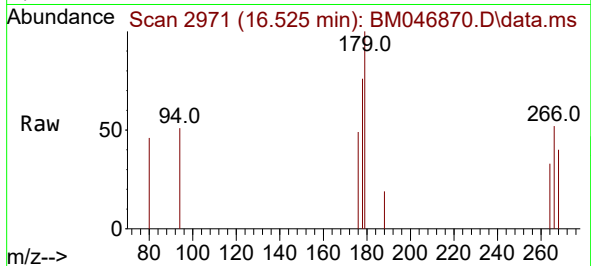




#14
Pentachlorophenol
Concen: 0.061 ng/ul
RT: 16.525 min Scan# 2972
Delta R.T. -0.009 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

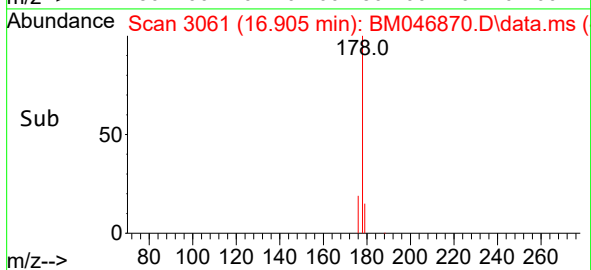
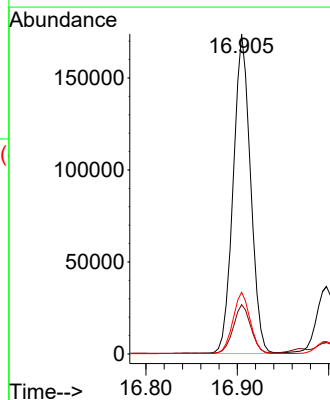
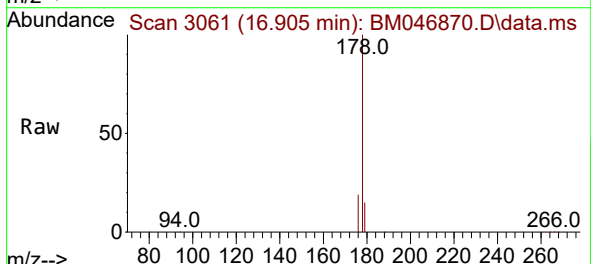
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ClientSampleId :
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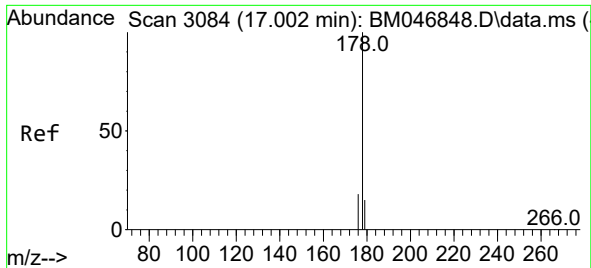
Tgt Ion:266 Resp: 389
Ion Ratio Lower Upper
266 100
264 62.5 51.1 76.7
268 69.2 51.8 77.6



#15
Phenanthrene
Concen: 5.686 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.009 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Tgt Ion:178 Resp: 228434
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.3 16.1 24.1

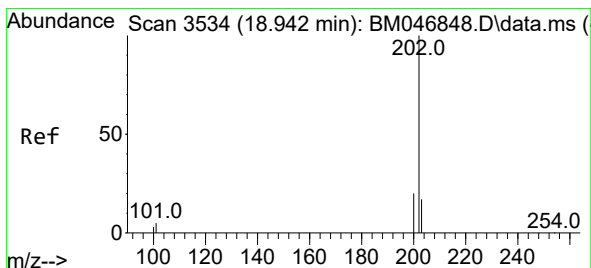
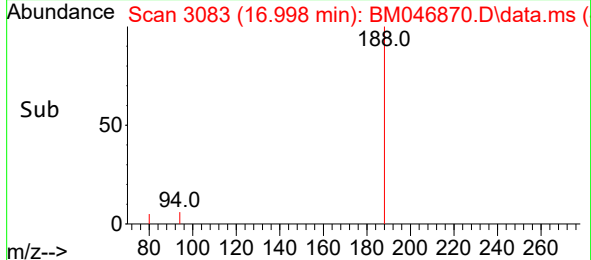
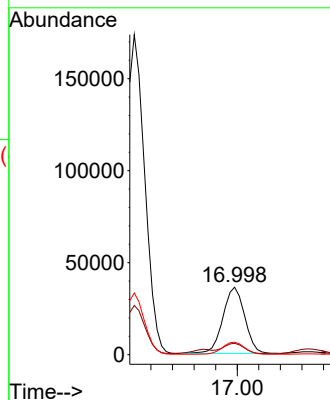
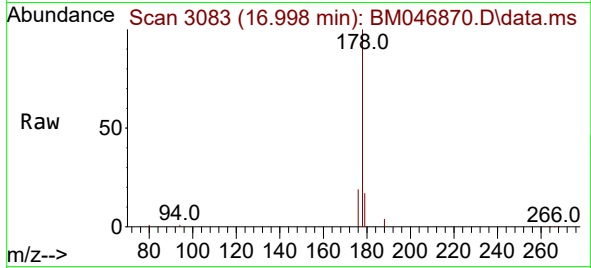




#16
Anthracene
Concen: 1.354 ng/ul
RT: 16.998 min Scan# 3084
Delta R.T. -0.009 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

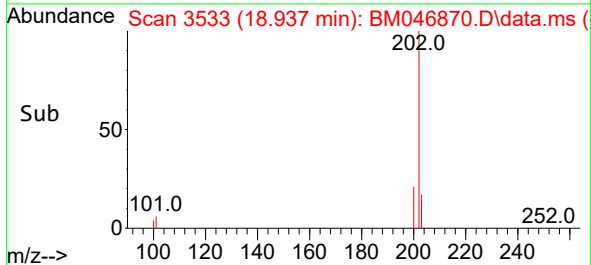
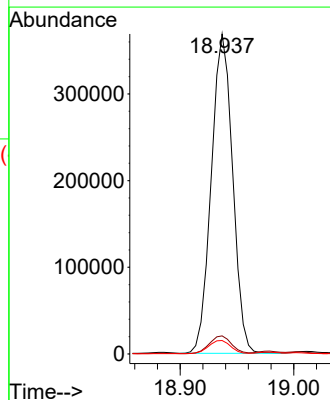
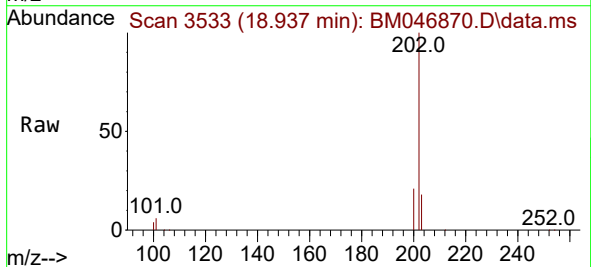
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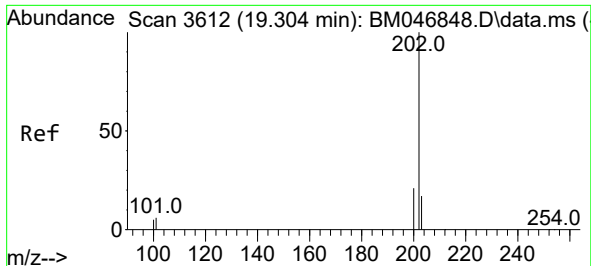
Tgt Ion:178 Resp: 50631
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 18.6 15.0 22.6



#19
Fluoranthene
Concen: 13.590 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Tgt Ion:202 Resp: 481244
Ion Ratio Lower Upper
202 100
101 5.7 4.7 7.1
100 4.2 3.4 5.2

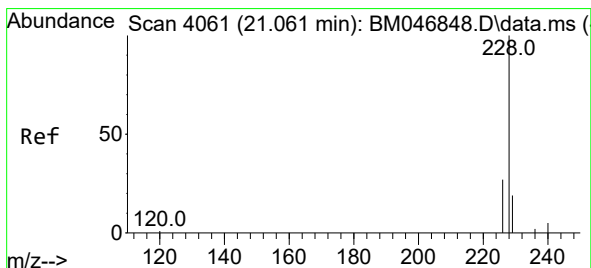
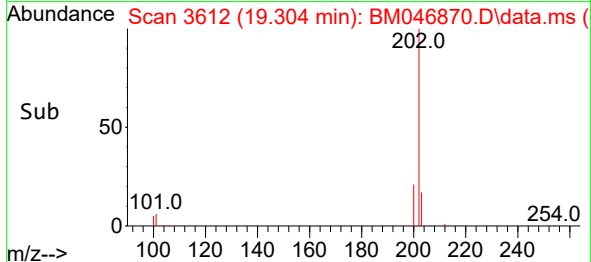
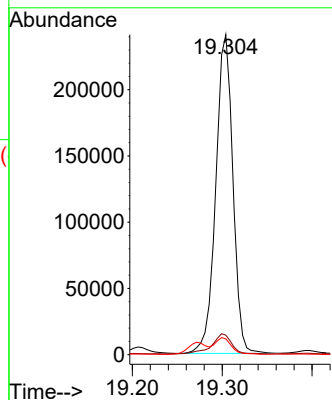
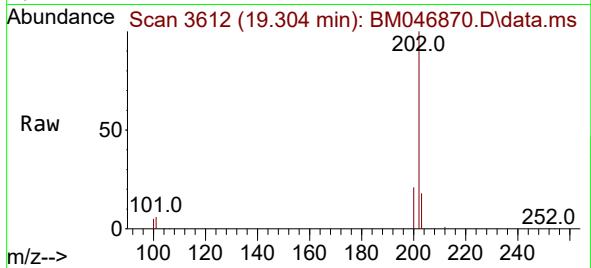




#20
Pyrene
Concen: 8.665 ng/ul
RT: 19.304 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

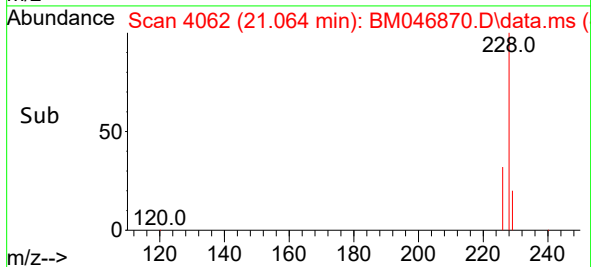
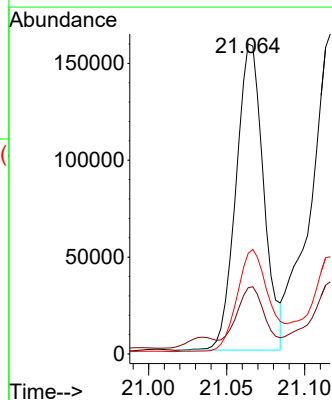
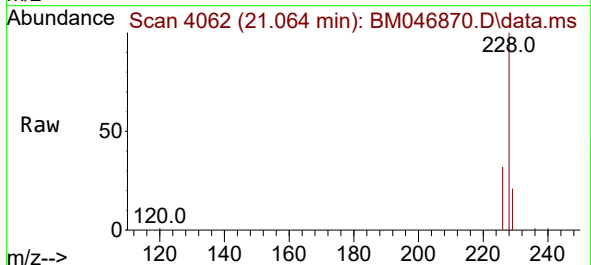
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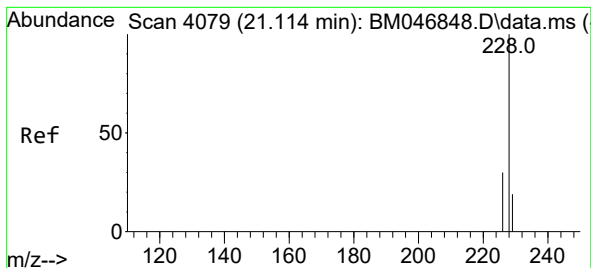
Tgt Ion:202 Resp: 317404
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 4.9 4.3 6.5



#21
Benzo(a)anthracene
Concen: 5.804 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.000 min
Lab File: BM046870.D
Acq: 27 Jul 2024 16:29

Tgt Ion:228 Resp: 195020
Ion Ratio Lower Upper
228 100
229 21.4 16.3 24.5
226 32.4 22.3 33.5





#22

Chrysene

Concen: 7.120 ng/ul

RT: 21.116 min Scan# 4079

Delta R.T. -0.000 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

Instrument :

BNA_M

ClientSampleId :

A4CG6

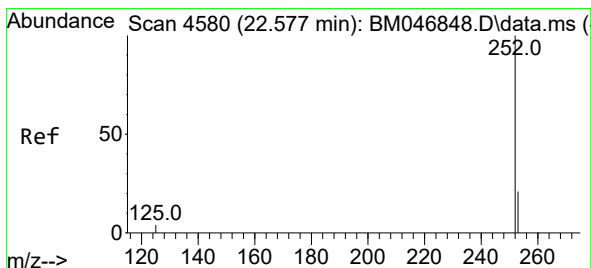
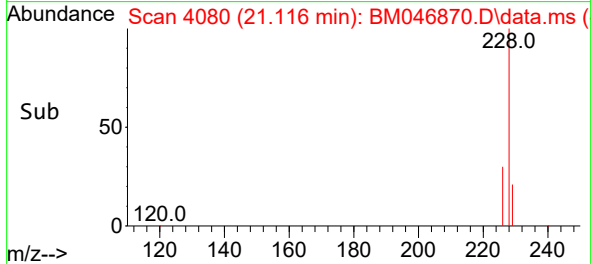
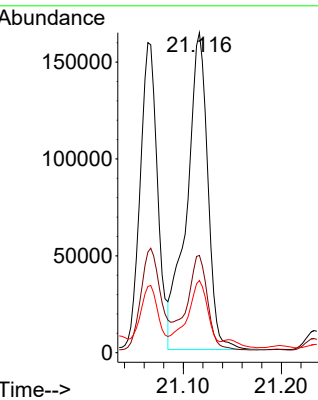
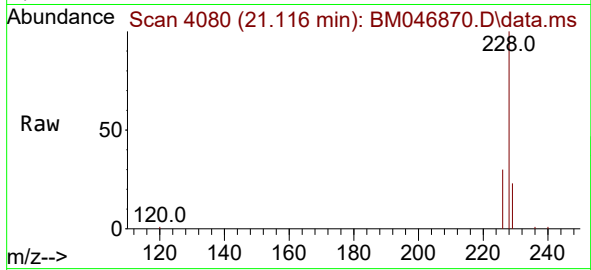
Tgt Ion:228 Resp: 243022

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 22.5 16.2 24.2



#24

Benzo(b)fluoranthene

Concen: 12.041 ng/ul

RT: 22.586 min Scan# 4583

Delta R.T. 0.006 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

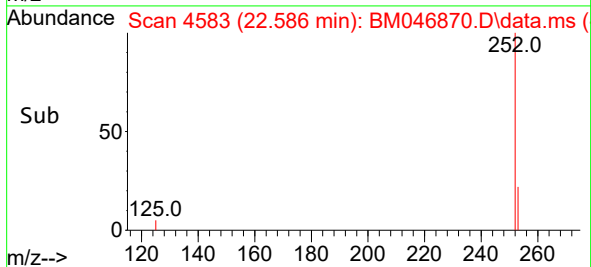
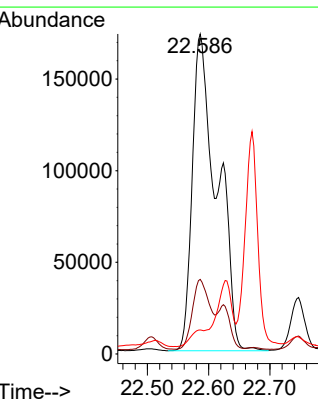
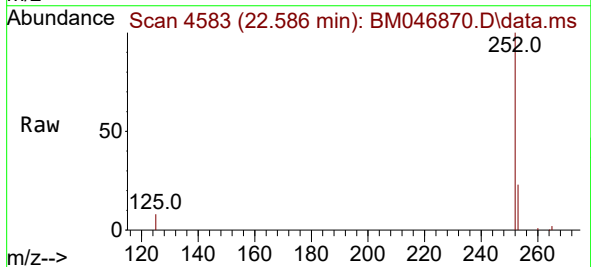
Tgt Ion:252 Resp: 486439

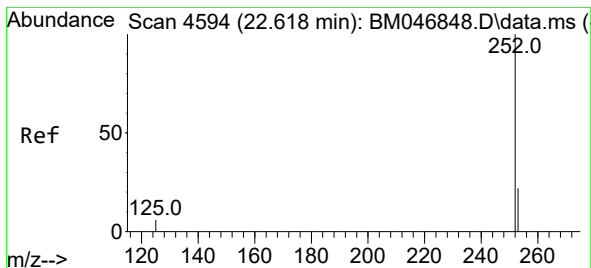
Ion Ratio Lower Upper

252 100

253 23.3 0.0 56.4

125 7.5 0.0 15.8





#25

Benzo(k)fluoranthene

Concen: 11.948 ng/ul

RT: 22.586 min Scan# 4

Delta R.T. -0.035 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

Instrument :

BNA_M

ClientSampleId :

A4CG6

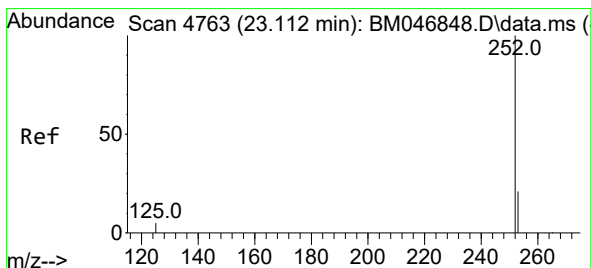
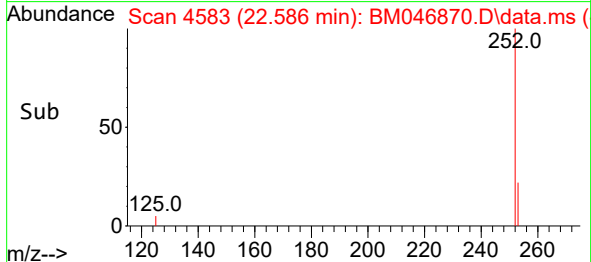
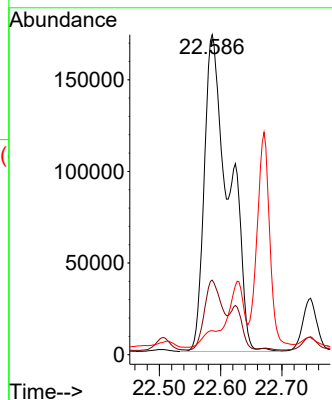
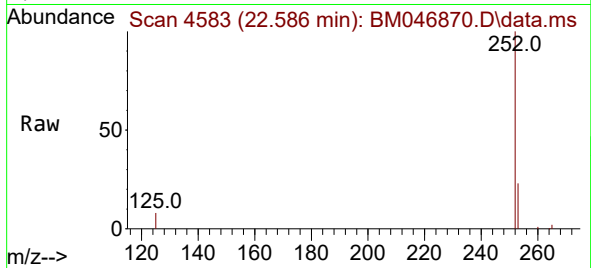
Tgt Ion:252 Resp: 486439

Ion Ratio Lower Upper

252 100

253 23.3 23.5 35.3#

125 7.5 8.6 13.0#



#26

Benzo(a)pyrene

Concen: 3.594 ng/ul

RT: 23.124 min Scan# 4767

Delta R.T. 0.006 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

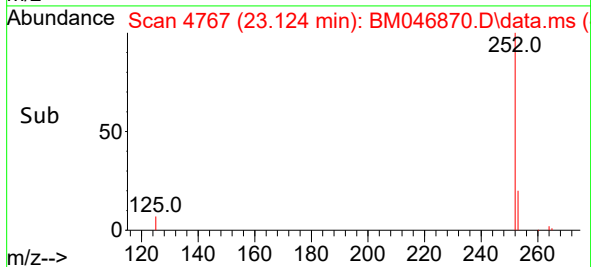
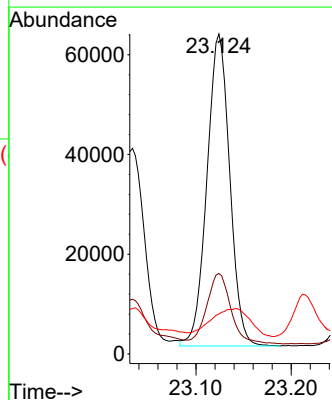
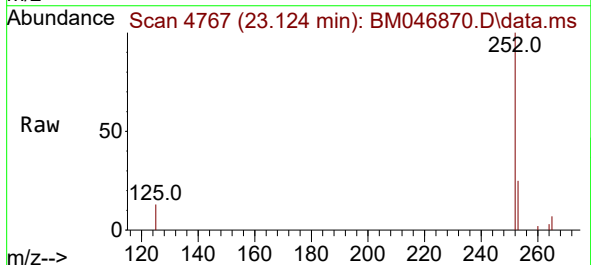
Tgt Ion:252 Resp: 104245

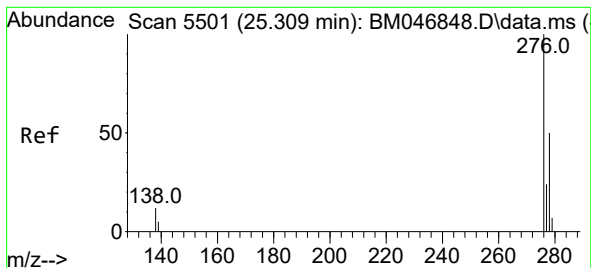
Ion Ratio Lower Upper

252 100

253 25.1 26.0 39.0#

125 12.5 7.8 11.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.810 ng/ul

RT: 25.329 min Scan# 51

Delta R.T. 0.013 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

Instrument :

BNA_M

ClientSampleId :

A4CG6

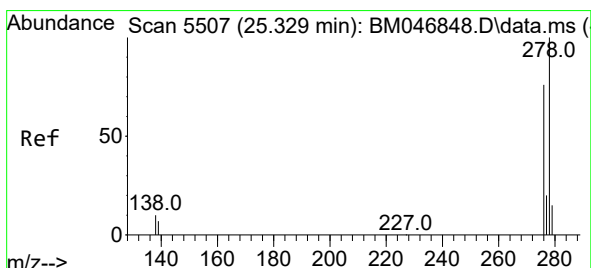
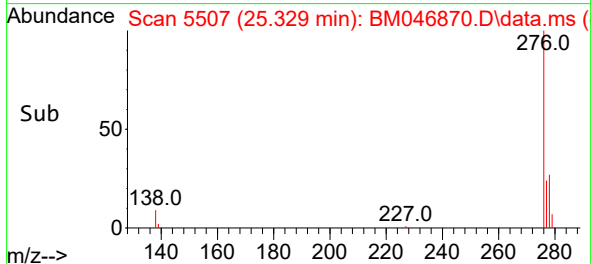
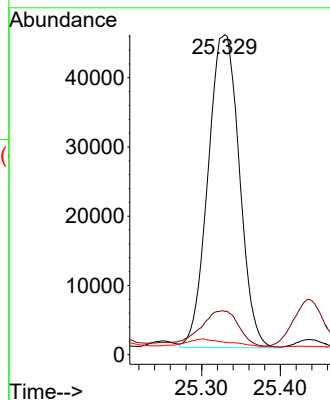
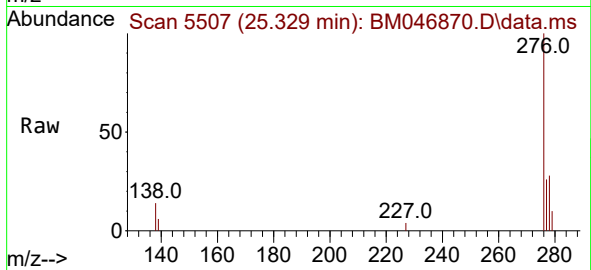
Tgt Ion:276 Resp: 125441

Ion Ratio Lower Upper

276 100

138 13.6 9.7 14.5

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 1.289 ng/ul

RT: 25.343 min Scan# 5511

Delta R.T. 0.010 min

Lab File: BM046870.D

Acq: 27 Jul 2024 16:29

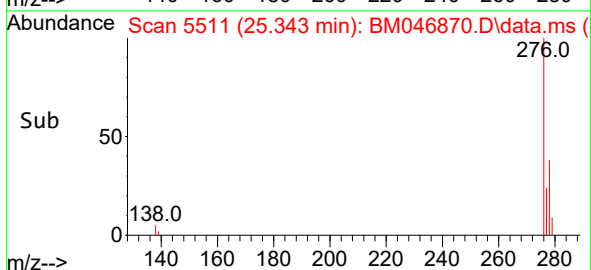
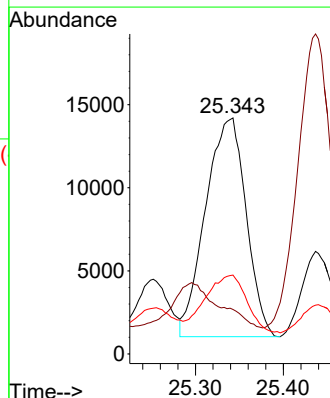
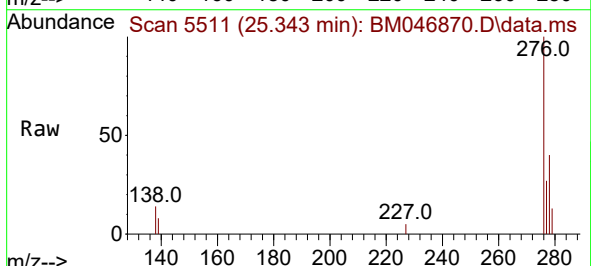
Tgt Ion:278 Resp: 42125

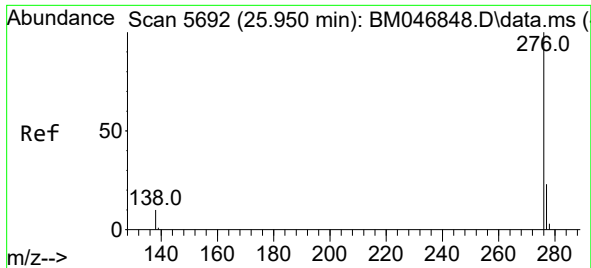
Ion Ratio Lower Upper

278 100

139 18.8 9.8 14.8#

279 33.4 25.2 37.8





#29

Benzo(g,h,i)perylene

Concen: 0.484 ng/ul

RT: 25.973 min Scan# 5

Delta R.T. 0.020 min

Lab File: BM046870.D

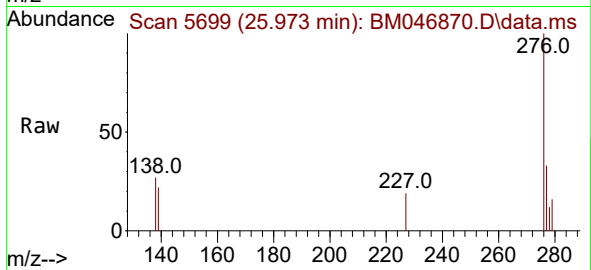
Acq: 27 Jul 2024 16:29

Instrument :

BNA_M

ClientSampleId :

A4CG6



Tgt Ion:276 Resp: 19015

Ion Ratio Lower Upper

276 100

138 27.2 9.5 14.3#

277 32.7 20.9 31.3#

