

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046234.D
 Acq On : 23 Jun 2024 14:27
 Operator : MA/JU
 Sample : P2776-21
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:31:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

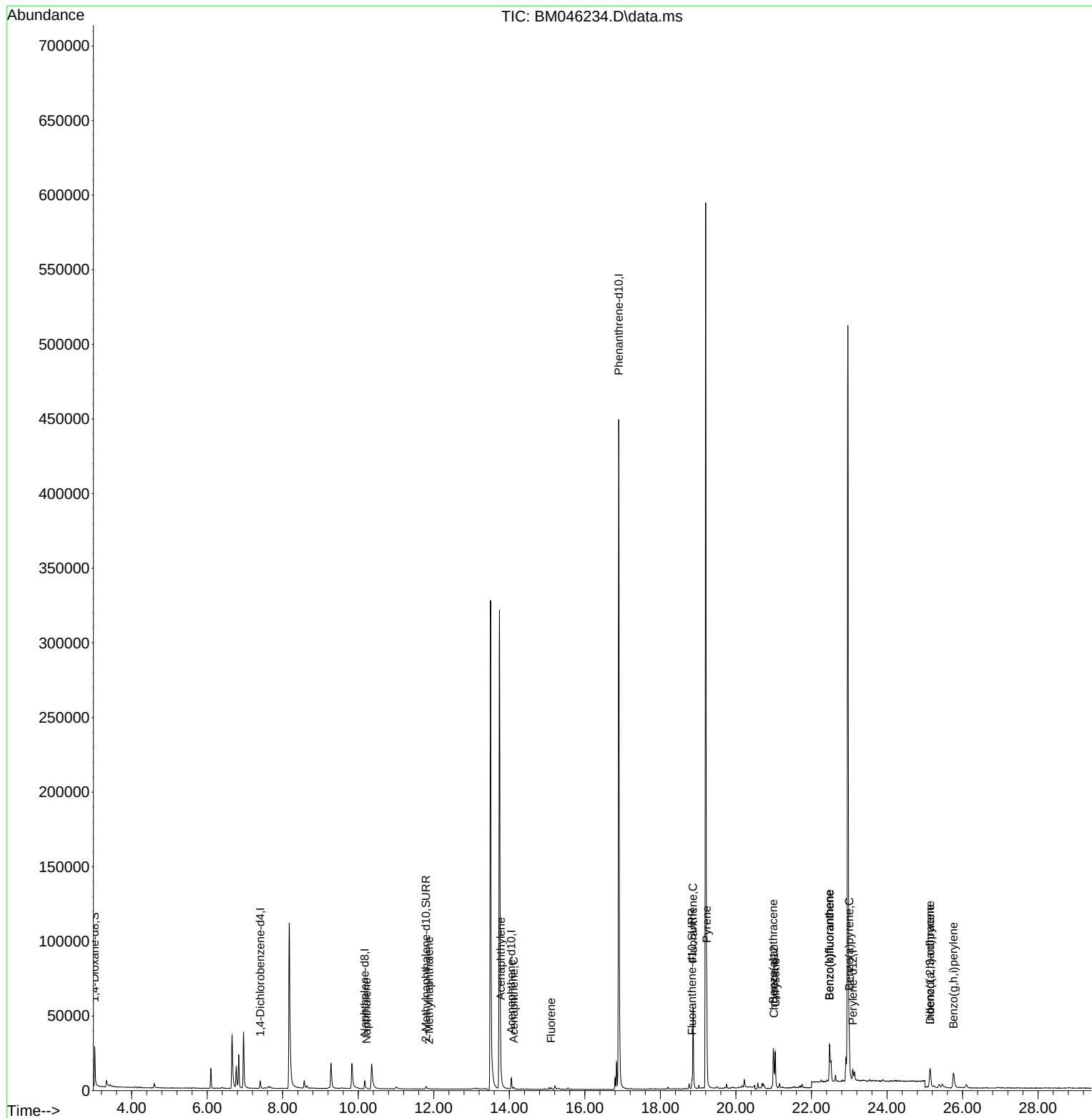
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2682	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8149	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4415	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	540995	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.006	240	7071	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	11385	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	15476	4.206	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	3453	0.316	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6950	0.328	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.222	128	770	0.034	ng/ul#	70
7) 2-Methylnaphthalene	11.871	142	295	0.023	ng/ul	99
10) Acenaphthylene	13.771	152	3185	0.152	ng/ul#	93
11) Acenaphthene	14.113	153	783	0.052	ng/ul	96
12) Fluorene	15.108	166	903	0.056	ng/ul#	96
19) Fluoranthene	18.863	202	52663	1.720	ng/ul	98
20) Pyrene	19.230	202	46812	1.414	ng/ul	95
21) Benzo(a)anthracene	20.991	228	26448	0.968	ng/ul	96
22) Chrysene	21.041	228	24434	0.701	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	53345	1.301	ng/ul	89
25) Benzo(k)fluoranthene	22.478	252	53345	1.094	ng/ul#	88
26) Benzo(a)pyrene	23.001	252	25120	0.661	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.142	276	21169	0.340	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.145	278	4685	0.101	ng/ul#	71
29) Benzo(g,h,i)perylene	25.759	276	21386	0.401	ng/ul	98

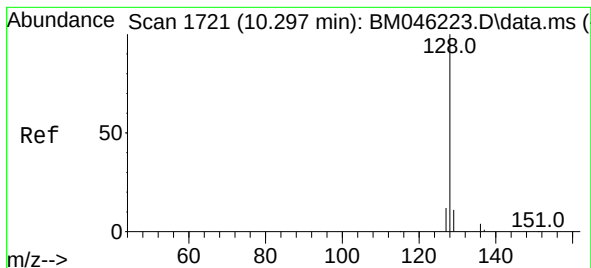
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.034 ng/ul

RT: 10.222 min Scan# 1

Delta R.T. -0.081 min

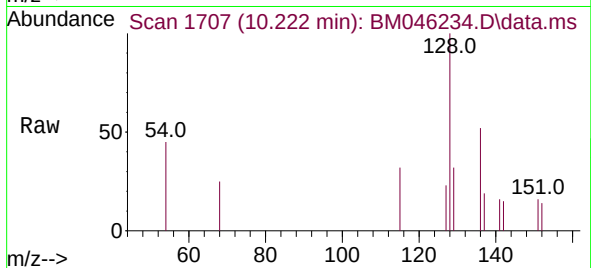
Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

Instrument :

BNA_M

ClientSampleId :



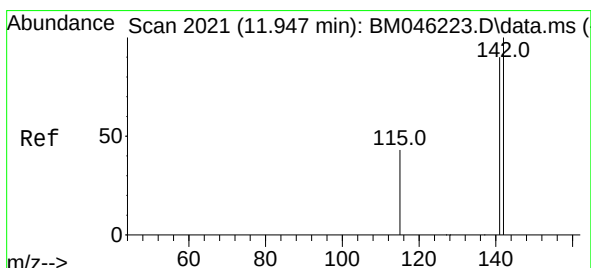
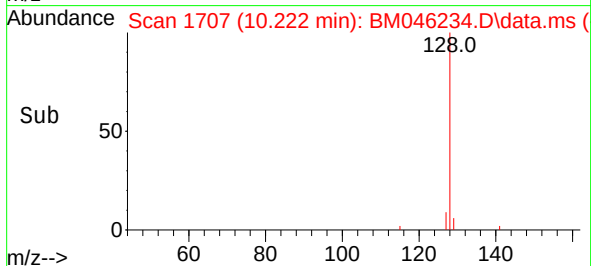
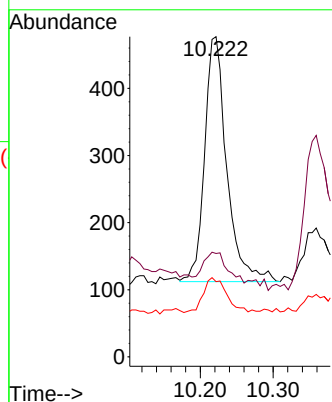
Tgt Ion:128 Resp: 770

Ion	Ratio	Lower	Upper
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128	100		
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129	32.3	11.8	17.6#
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127	23.5	12.8	19.2#
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#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.871 min Scan# 2007

Delta R.T. -0.076 min

Lab File: BM046234.D

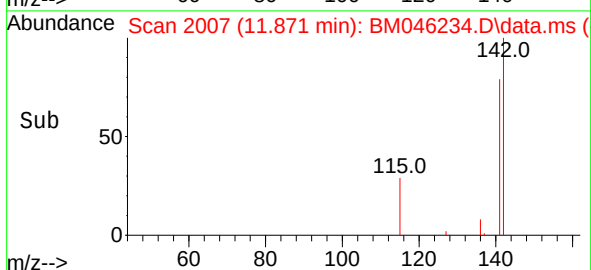
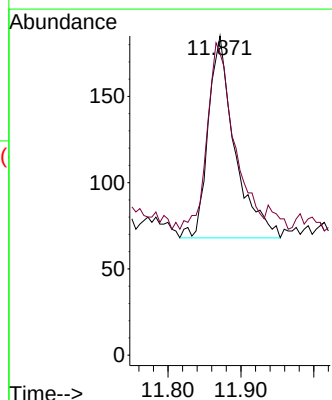
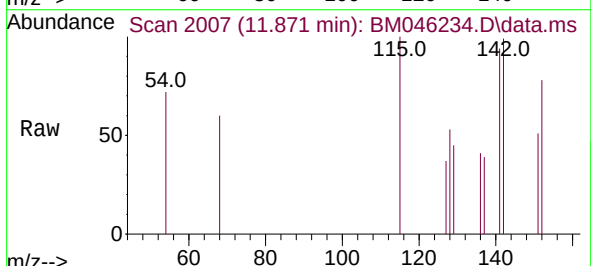
Acq: 23 Jun 2024 14:27

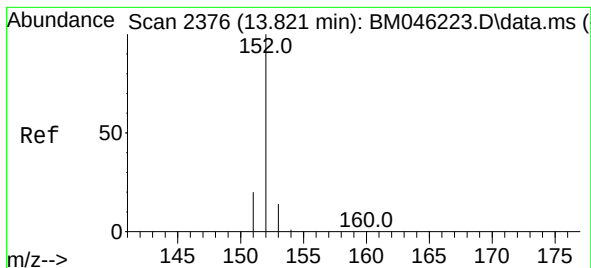
Tgt Ion:142 Resp: 295

Ion	Ratio	Lower	Upper
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142	100		
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141	94.6	74.6	111.8
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#10

Acenaphthylene

Concen: 0.152 ng/ul

RT: 13.771 min Scan# 2439

Delta R.T. -0.064 min

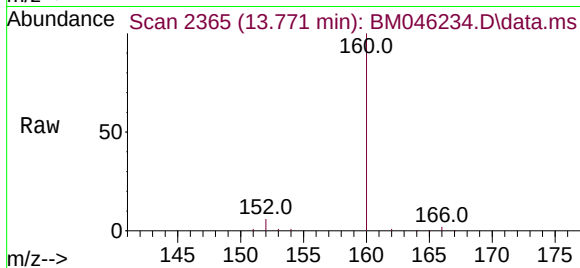
Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

Instrument :

BNA_M

ClientSampleId :



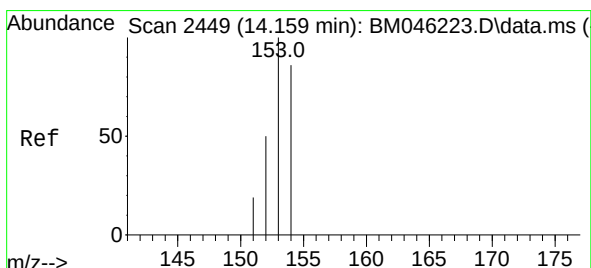
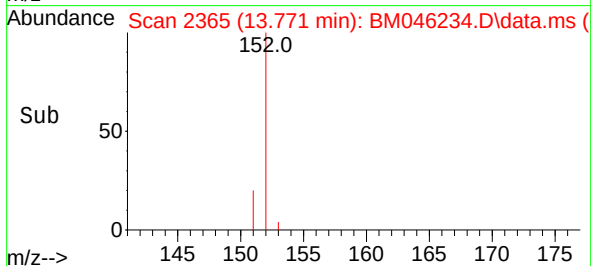
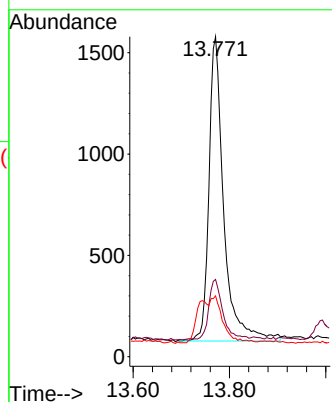
Tgt Ion:152 Resp: 3185

Ion Ratio Lower Upper

152 100

151 24.2 17.4 26.2

153 19.0 11.8 17.8#



#11

Acenaphthene

Concen: 0.052 ng/ul

RT: 14.113 min Scan# 2439

Delta R.T. -0.059 min

Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

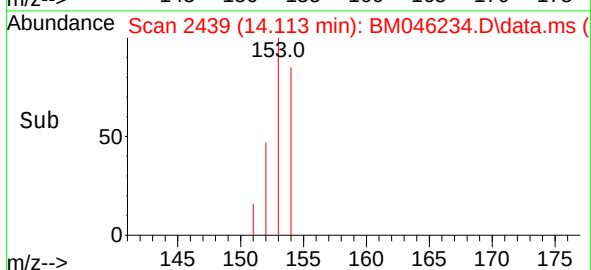
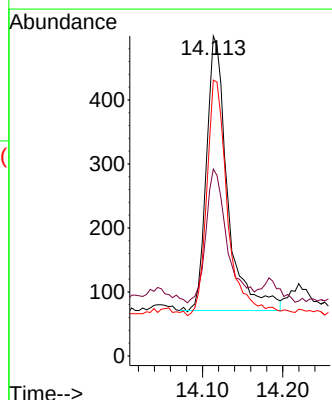
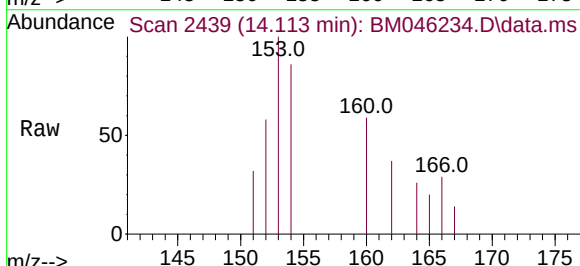
Tgt Ion:153 Resp: 783

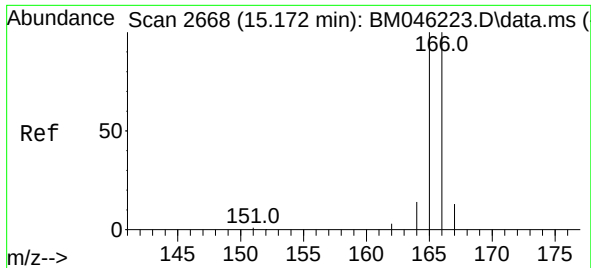
Ion Ratio Lower Upper

153 100

152 58.4 41.3 61.9

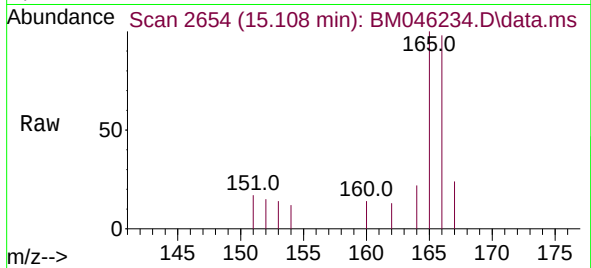
154 86.2 68.2 102.4



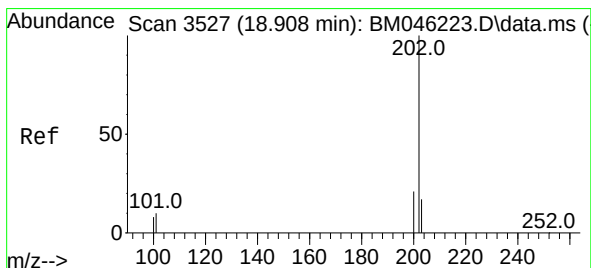
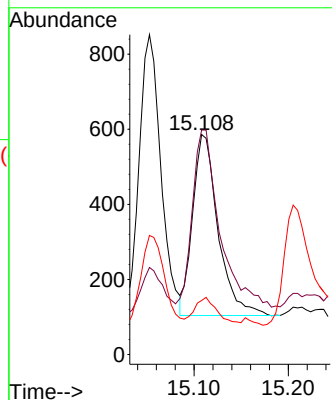
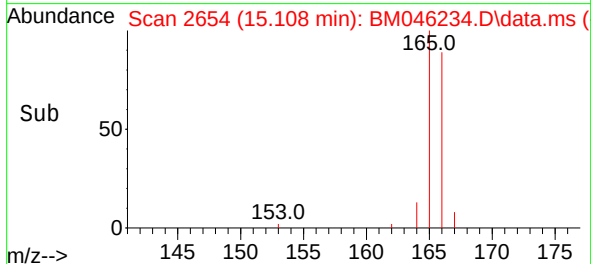


#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

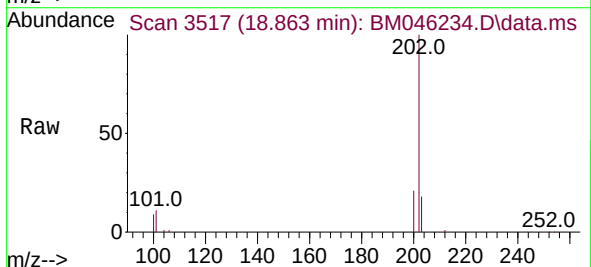
Instrument :
BNA_M
ClientSampleId :



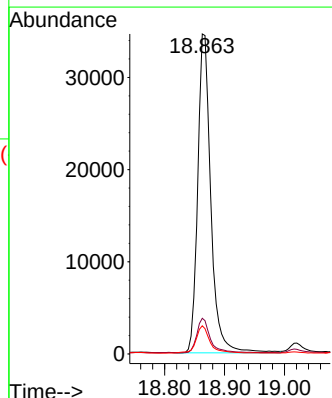
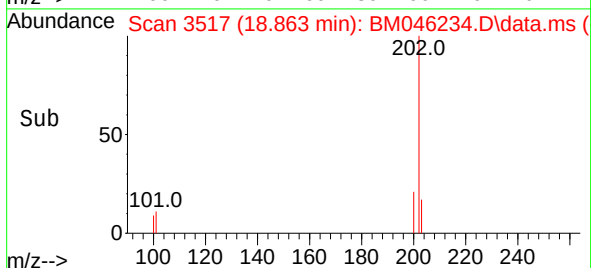
Tgt Ion:166 Resp: 903
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 24.6 12.4 18.6#

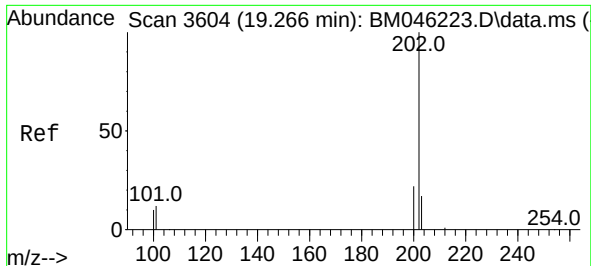


#19
Fluoranthene
Concen: 1.720 ng/ul
RT: 18.863 min Scan# 3517
Delta R.T. -0.055 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27



Tgt Ion:202 Resp: 52663
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.8 7.6 11.4

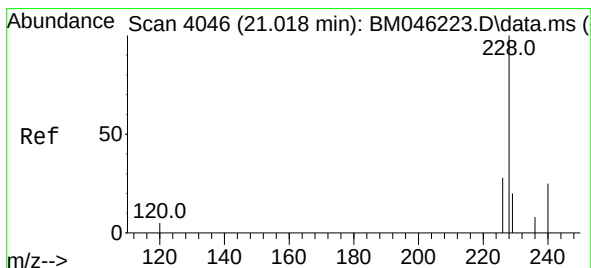
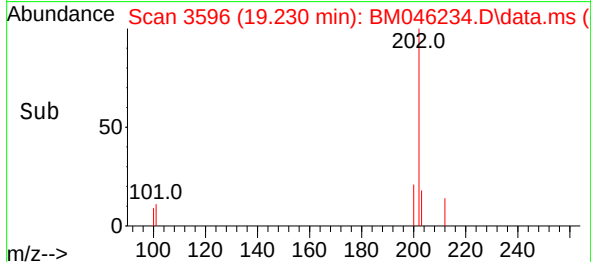
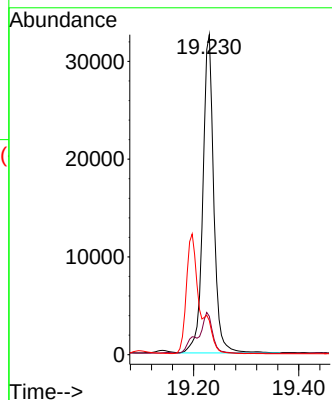
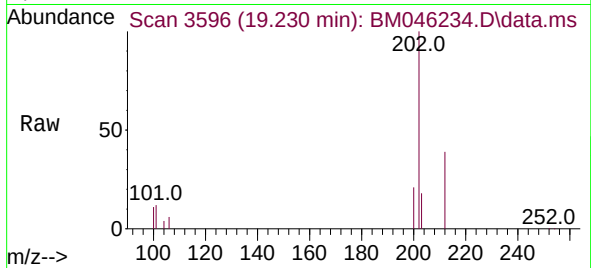




#20
Pyrene
Concen: 1.414 ng/ul
RT: 19.230 min Scan# 30
Delta R.T. -0.045 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

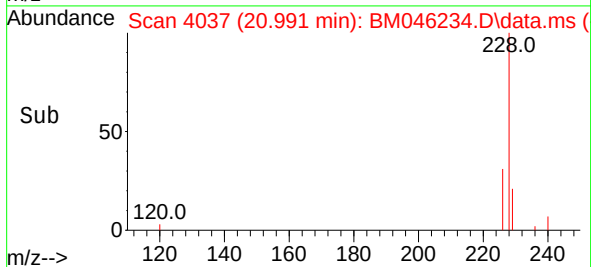
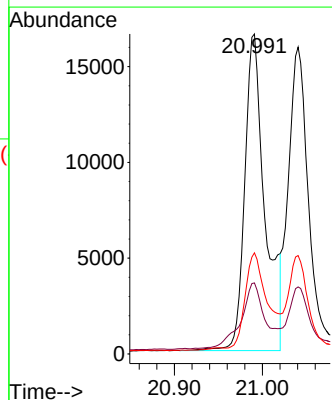
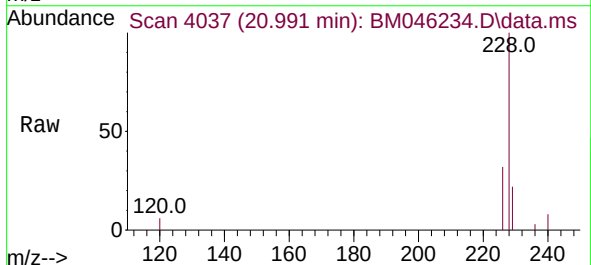
Instrument :
BNA_M
ClientSampleId :

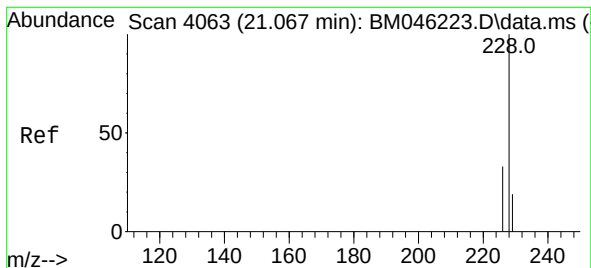
Tgt Ion:202 Resp: 46812
Ion Ratio Lower Upper
202 100
101 12.0 11.3 16.9
100 10.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.968 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

Tgt Ion:228 Resp: 26448
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 31.6 23.4 35.2





#22

Chrysene

Concen: 0.701 ng/ul

RT: 21.041 min Scan# 4063

Delta R.T. -0.036 min

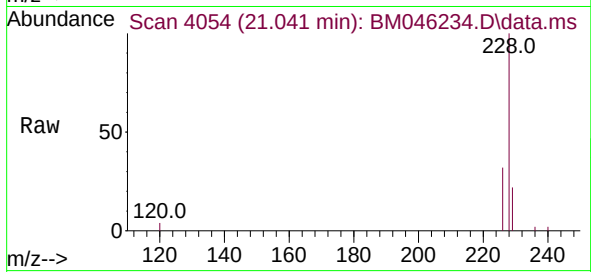
Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

Instrument :

BNA_M

ClientSampleId :



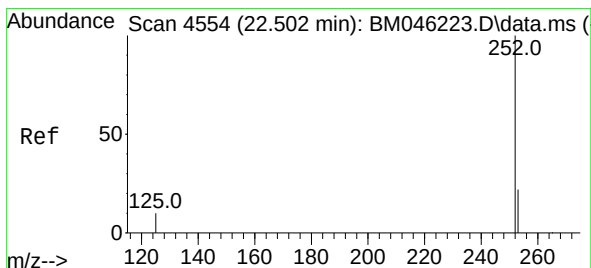
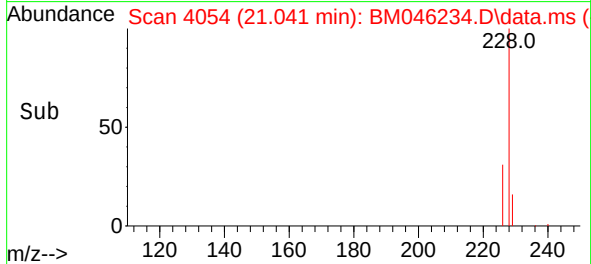
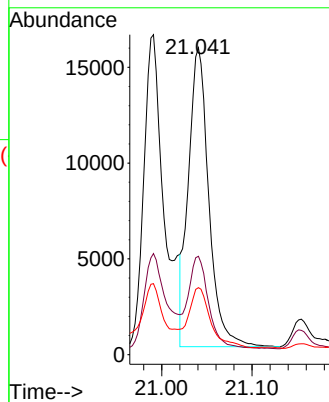
Tgt Ion:228 Resp: 24434

Ion Ratio Lower Upper

228 100

226 32.1 25.2 37.8

229 21.8 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 1.301 ng/ul

RT: 22.478 min Scan# 4546

Delta R.T. -0.041 min

Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

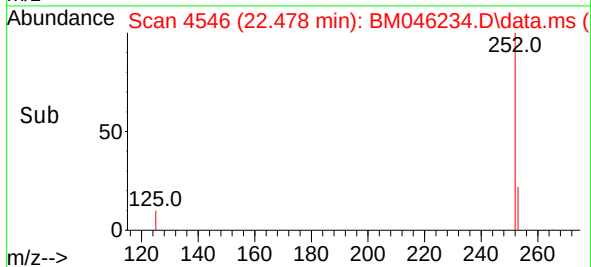
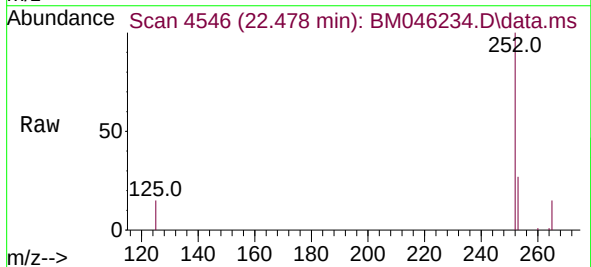
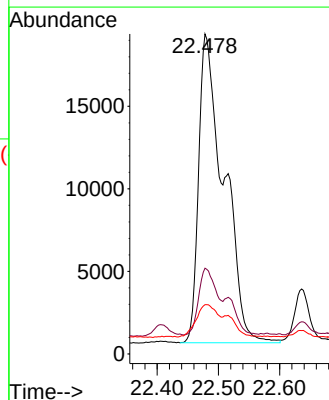
Tgt Ion:252 Resp: 53345

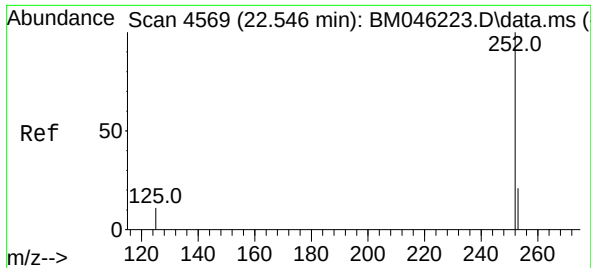
Ion Ratio Lower Upper

252 100

253 26.8 0.0 65.8

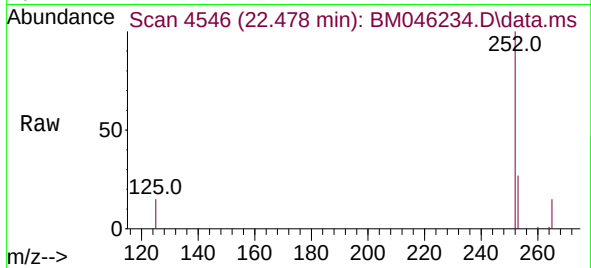
125 15.4 0.0 40.2



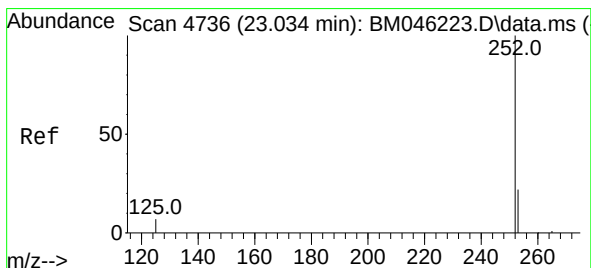
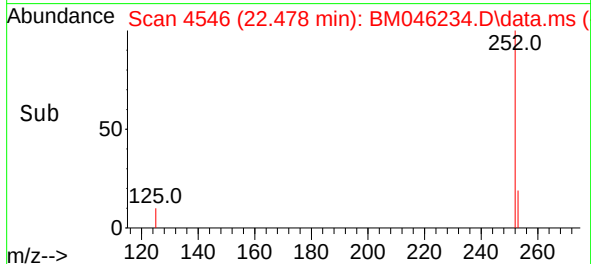
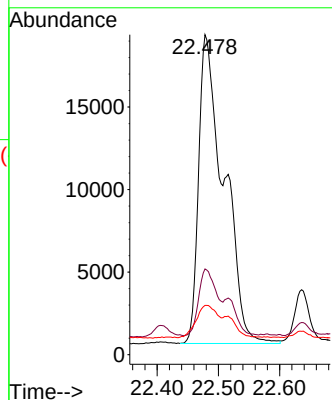


#25
Benzo(k)fluoranthene
Concen: 1.094 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.085 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

Instrument :
BNA_M
ClientSampleId :

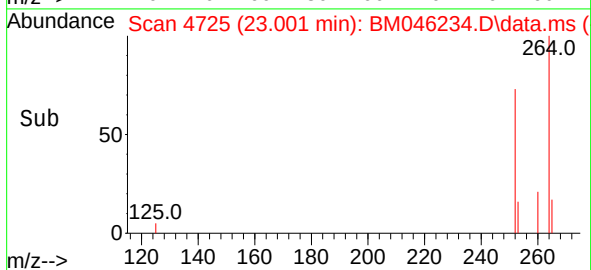
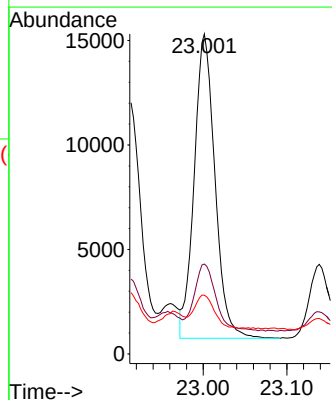
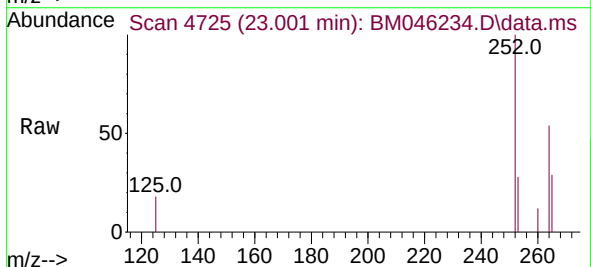


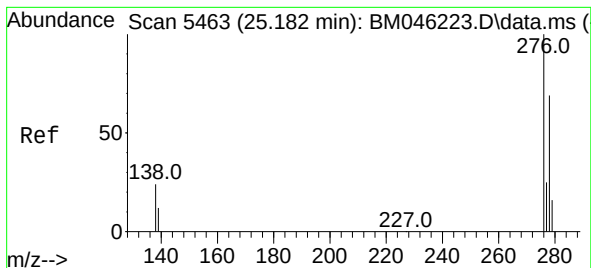
Tgt Ion:252 Resp: 53345
Ion Ratio Lower Upper
252 100
253 26.8 27.2 40.8#
125 15.4 16.6 25.0#



#26
Benzo(a)pyrene
Concen: 0.661 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

Tgt Ion:252 Resp: 25120
Ion Ratio Lower Upper
252 100
253 28.1 32.1 48.1#
125 18.4 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

RT: 25.142 min Scan# 54

Delta R.T. -0.061 min

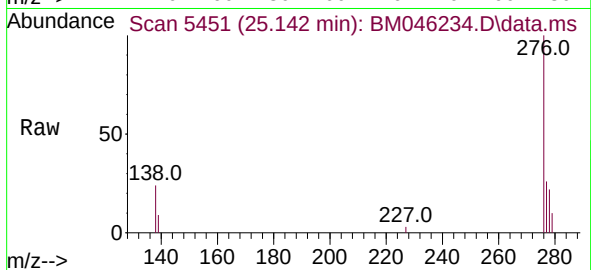
Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

Instrument :

BNA_M

ClientSampleId :



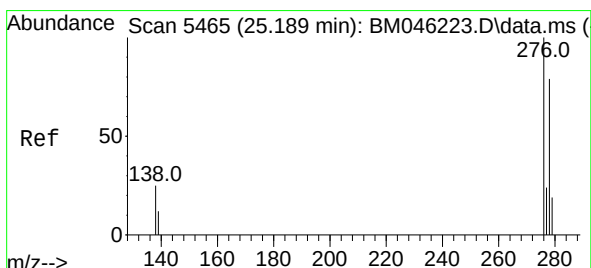
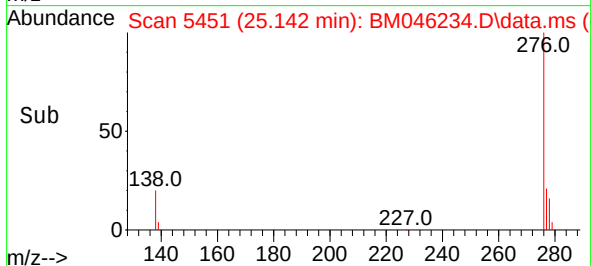
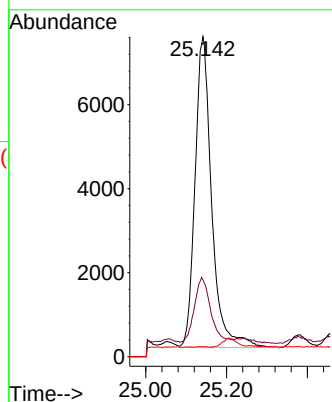
Tgt Ion:276 Resp: 21169

Ion Ratio Lower Upper

276 100

138 22.3 21.0 31.4

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.101 ng/ul

RT: 25.145 min Scan# 5452

Delta R.T. -0.071 min

Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

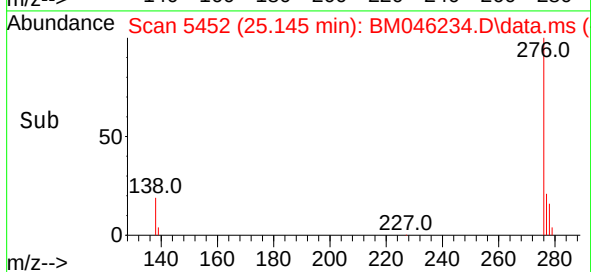
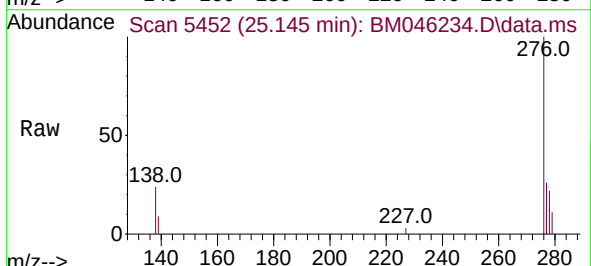
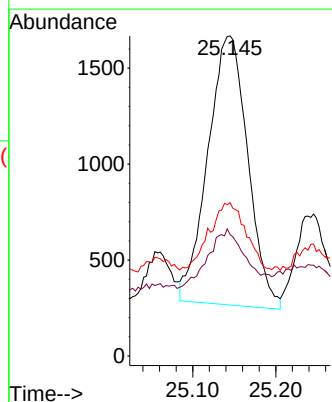
Tgt Ion:278 Resp: 4685

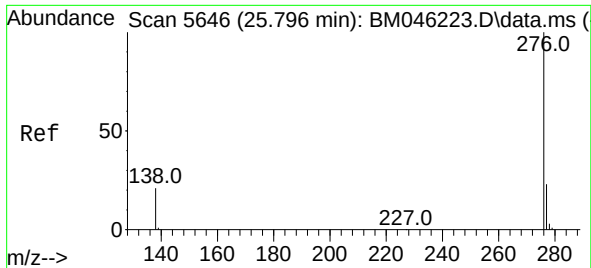
Ion Ratio Lower Upper

278 100

139 37.9 17.6 26.4#

279 47.9 26.3 39.5#





#29

Benzo(g,h,i)perylene

Concen: 0.401 ng/ul

RT: 25.759 min Scan# 5

Delta R.T. -0.071 min

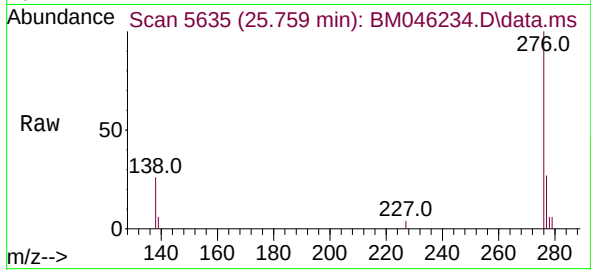
Lab File: BM046234.D

Acq: 23 Jun 2024 14:27

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 21386

Ion Ratio Lower Upper

276 100

138 25.9 21.7 32.5

277 26.6 20.4 30.6

