

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046226.D
 Acq On : 23 Jun 2024 09:35
 Operator : MA/JU
 Sample : P2776-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:29:09 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)

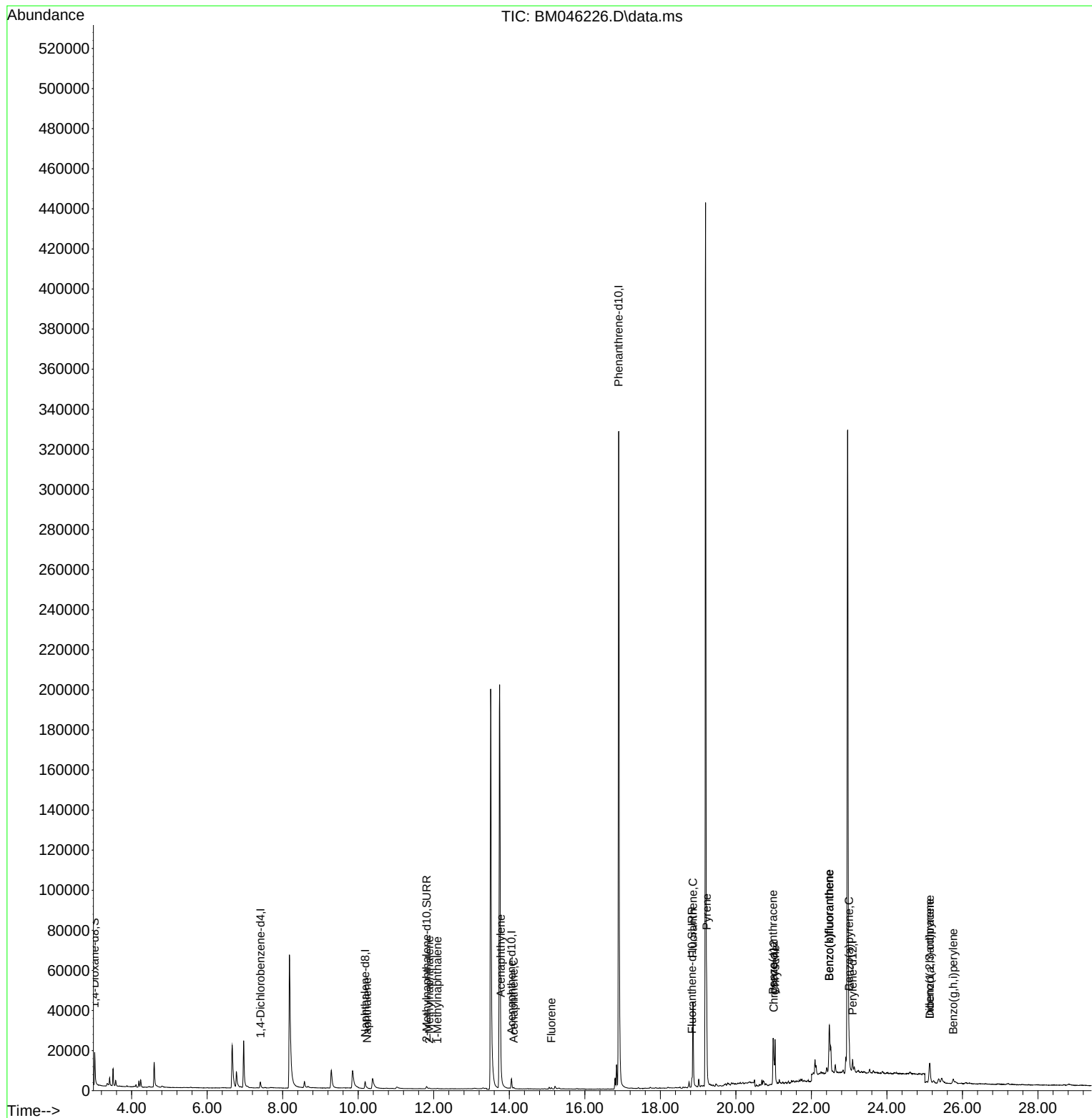
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	1894	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.183	136	5723	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	3190	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.896	188	411598	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.003	240	4985	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	9516	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	9599	3.694	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.811	152	2194	0.286	ng/ul	-0.05
18) Fluoranthene-d10	18.835	212	5321	0.356	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.233	128	794	0.050	ng/ul#	72
7) 2-Methylnaphthalene	11.882	142	291	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.097	142	237	0.024	ng/ul	90
10) Acenaphthylene	13.776	152	2597	0.172	ng/ul#	93
11) Acenaphthene	14.118	153	435	0.040	ng/ul	94
12) Fluorene	15.113	166	600	0.051	ng/ul#	95
19) Fluoranthene	18.863	202	40630	1.882	ng/ul	98
20) Pyrene	19.225	202	33994	1.456	ng/ul	99
21) Benzo(a)anthracene	20.985	228	20099	1.044	ng/ul	93
22) Chrysene	21.038	228	23951	0.975	ng/ul	94
24) Benzo(b)fluoranthene	22.475	252	47174	1.376	ng/ul	89
25) Benzo(k)fluoranthene	22.475	252	47174	1.157	ng/ul#	90
26) Benzo(a)pyrene	22.998	252	14894	0.469	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.128	276	14615	0.281	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.135	278	4417	0.114	ng/ul#	40
29) Benzo(g,h,i)perylene	25.755	276	4593	0.103	ng/ul#	62

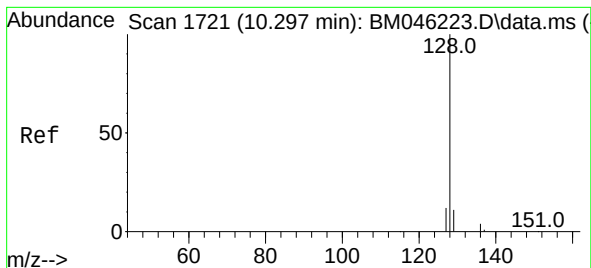
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.050 ng/ul

RT: 10.233 min Scan# 1

Delta R.T. -0.070 min

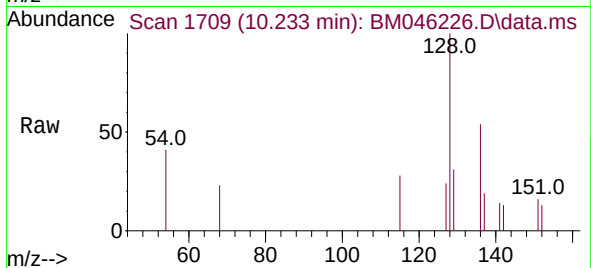
Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :



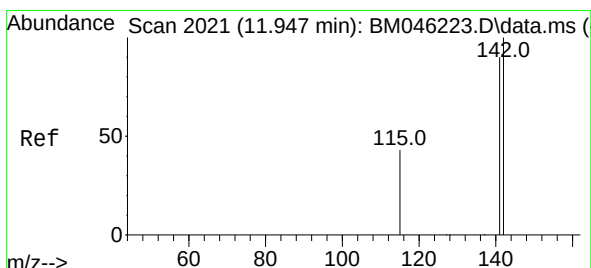
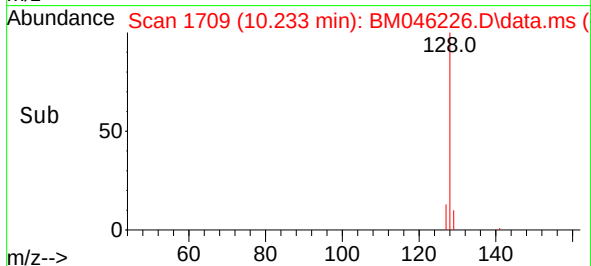
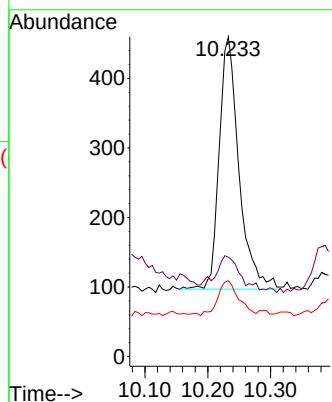
Tgt Ion:128 Resp: 794

Ion Ratio Lower Upper

128 100

129 31.1 11.8 17.6#

127 23.7 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.882 min Scan# 2009

Delta R.T. -0.065 min

Lab File: BM046226.D

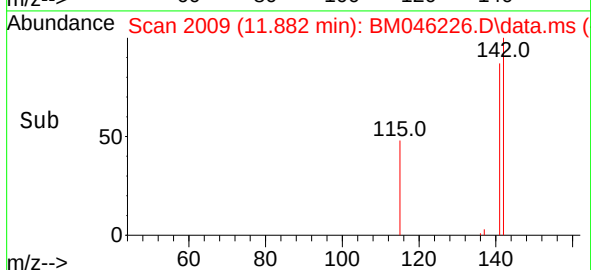
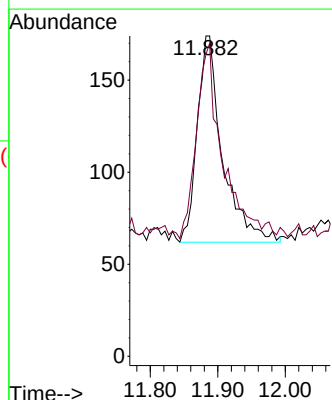
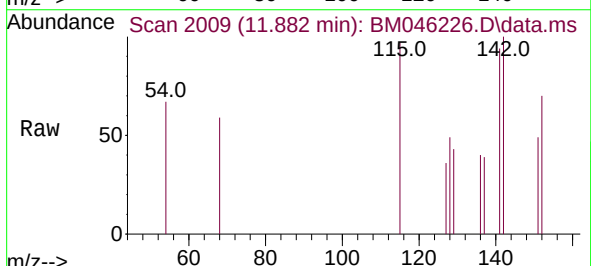
Acq: 23 Jun 2024 09:35

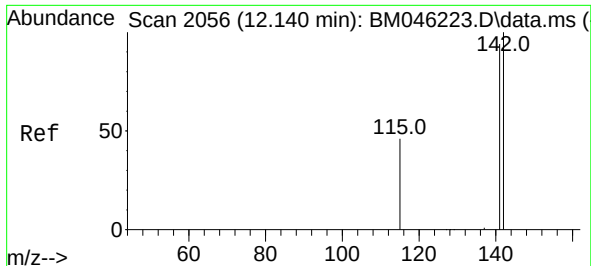
Tgt Ion:142 Resp: 291

Ion Ratio Lower Upper

142 100

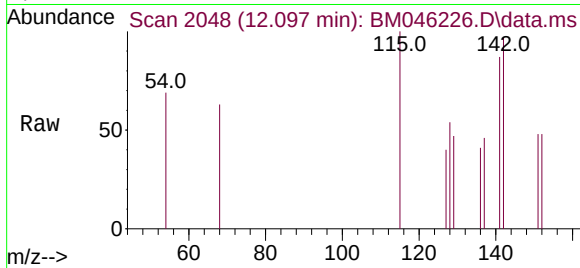
141 97.6 74.6 111.8



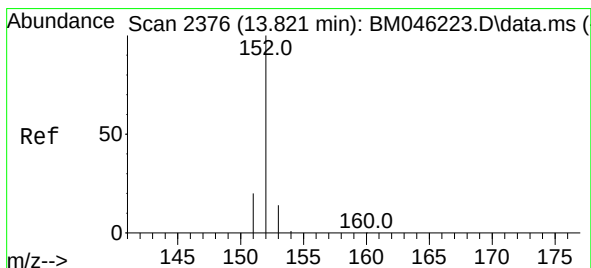
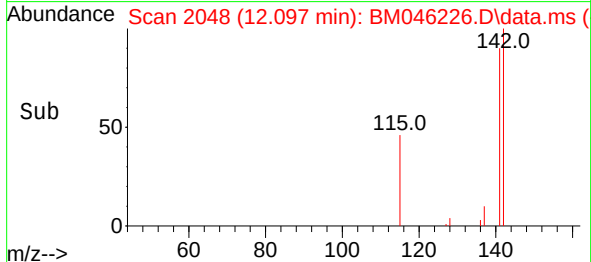
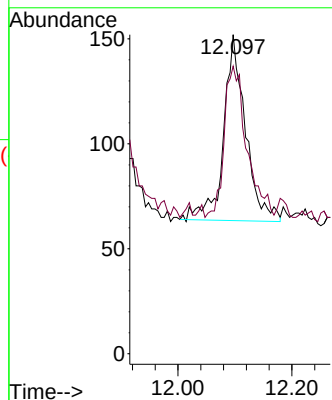


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.097 min Scan# 2056
Delta R.T. -0.054 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Instrument :
BNA_M
ClientSampleId :

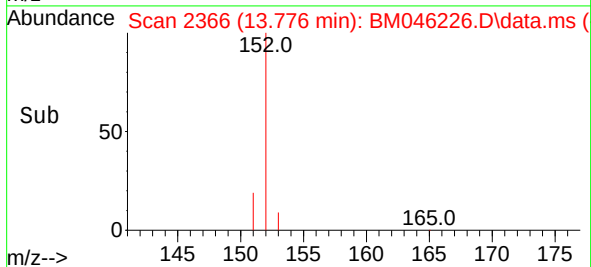
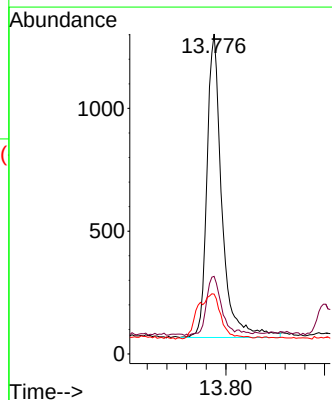
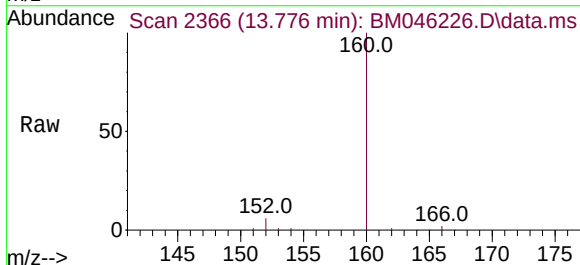


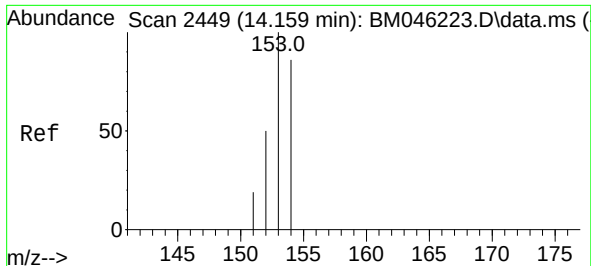
Tgt Ion:142 Resp: 237
Ion Ratio Lower Upper
142 100
141 84.4 75.2 112.8



#10
Acenaphthylene
Concen: 0.172 ng/ul
RT: 13.776 min Scan# 2366
Delta R.T. -0.059 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

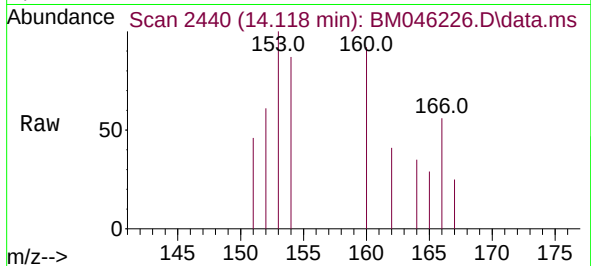
Tgt Ion:152 Resp: 2597
Ion Ratio Lower Upper
152 100
151 24.3 17.4 26.2
153 18.7 11.8 17.8#



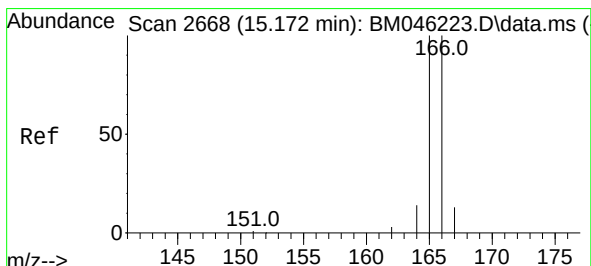
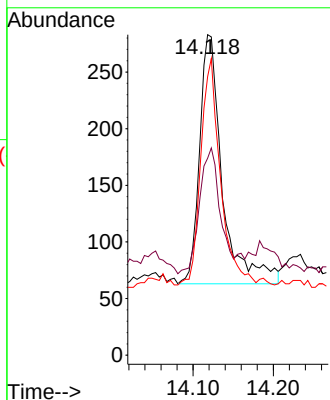
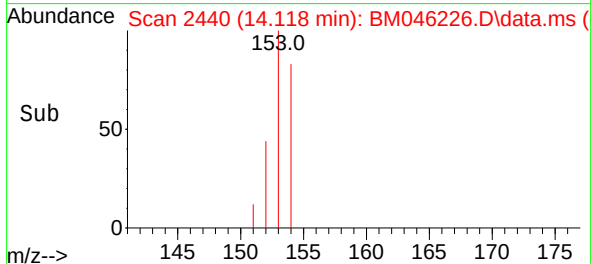


#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.054 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Instrument :
BNA_M
ClientSampleId :

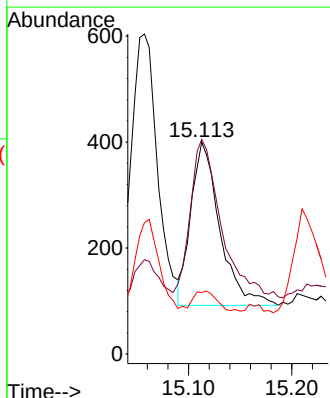
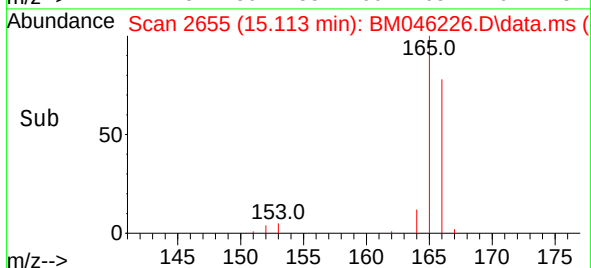
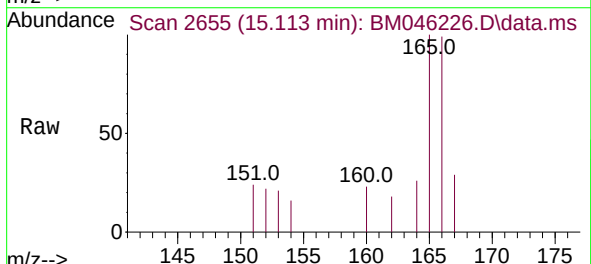


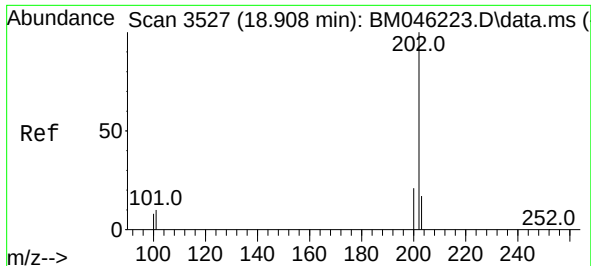
Tgt Ion:153 Resp: 435
Ion Ratio Lower Upper
153 100
152 61.5 41.3 61.9
154 86.9 68.2 102.4



#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.068 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Tgt Ion:166 Resp: 600
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 29.0 12.4 18.6#





#19

Fluoranthene

Concen: 1.882 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.054 min

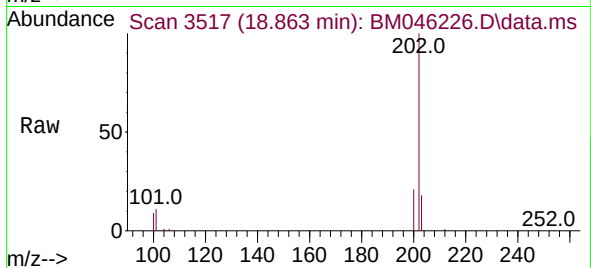
Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

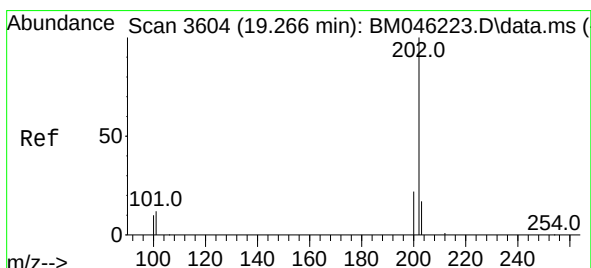
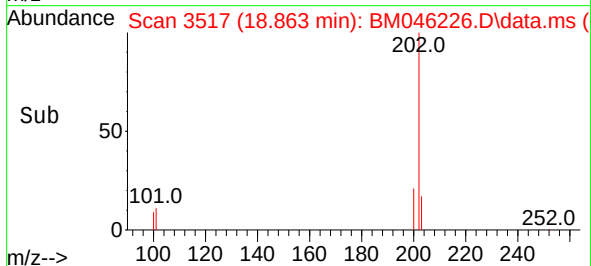
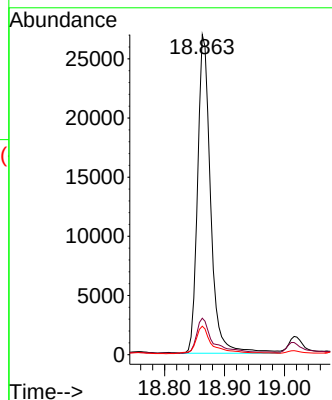
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	40630
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.6	14.4
100	8.9	7.6	11.4



#20

Pyrene

Concen: 1.456 ng/ul

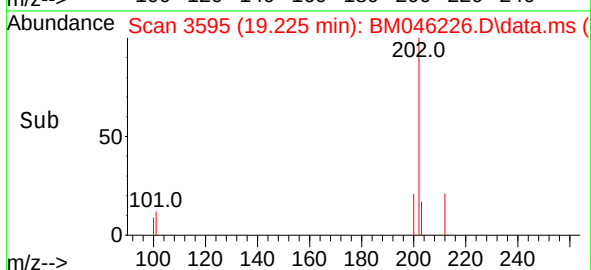
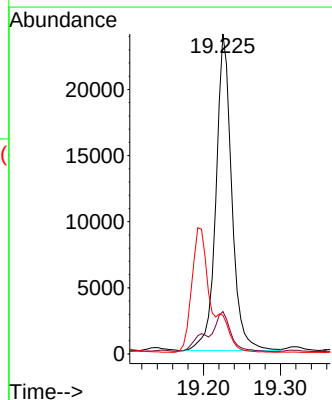
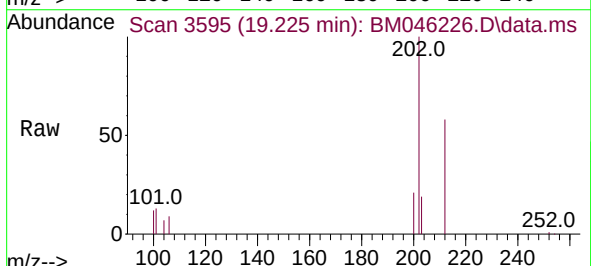
RT: 19.225 min Scan# 3595

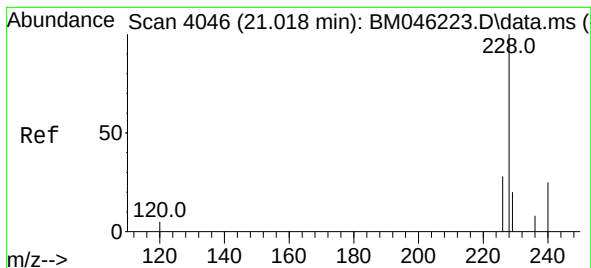
Delta R.T. -0.050 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Tgt Ion:	202	Resp:	33994
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.3	16.9
100	12.1	9.8	14.6





#21

Benzo(a)anthracene

Concen: 1.044 ng/ul

RT: 20.985 min Scan# 4035

Delta R.T. -0.044 min

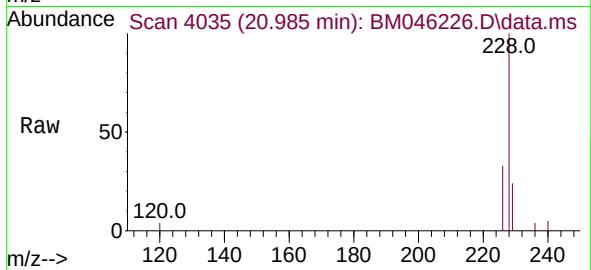
Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :



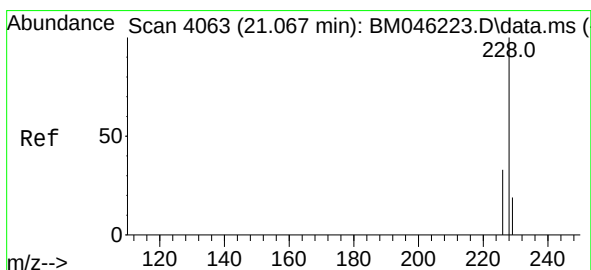
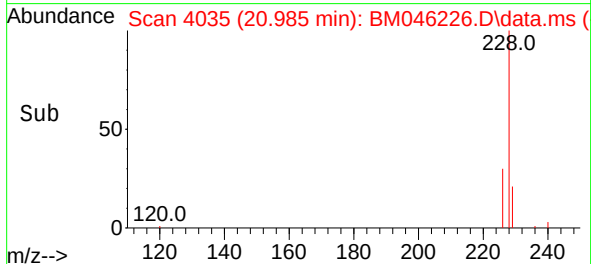
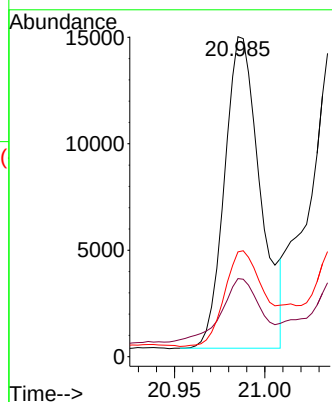
Tgt Ion:228 Resp: 20099

Ion Ratio Lower Upper

228 100

229 24.4 16.4 24.6

226 32.8 23.4 35.2



#22

Chrysene

Concen: 0.975 ng/ul

RT: 21.038 min Scan# 4053

Delta R.T. -0.038 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

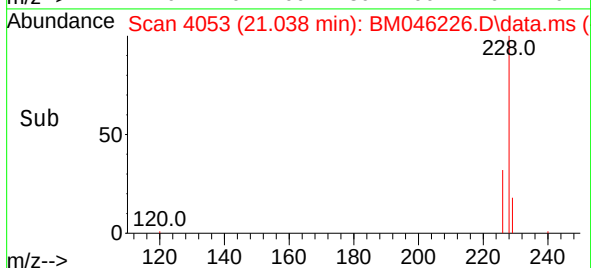
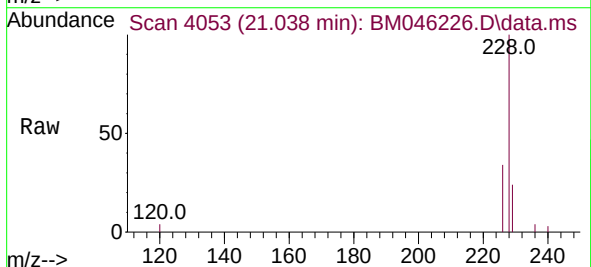
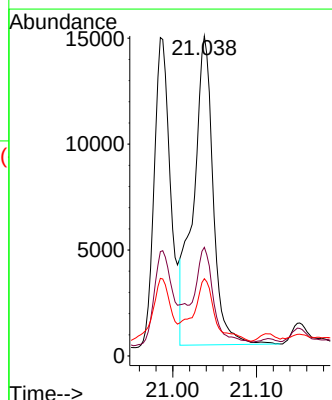
Tgt Ion:228 Resp: 23951

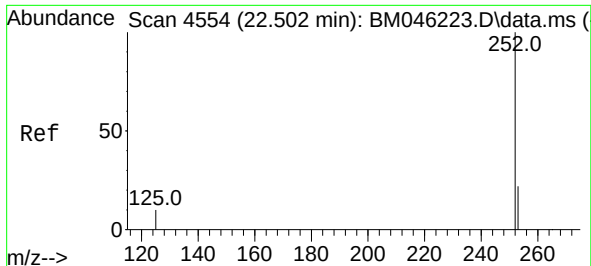
Ion Ratio Lower Upper

228 100

226 34.0 25.2 37.8

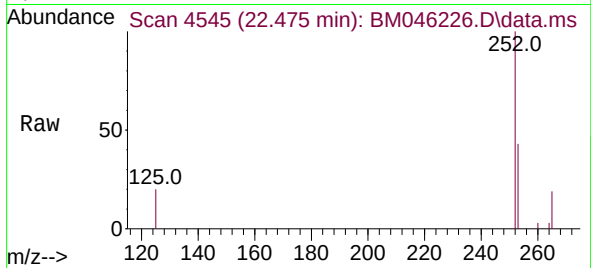
229 24.1 16.3 24.5



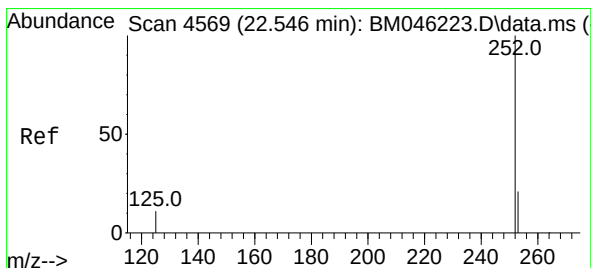
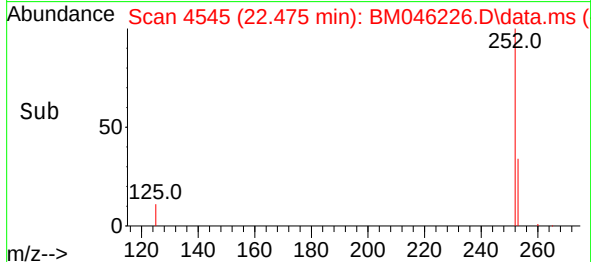
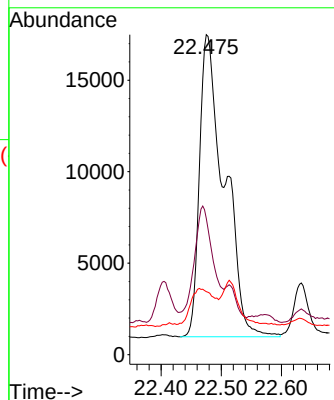


#24
Benzo(b)fluoranthene
Concen: 1.376 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Instrument :
BNA_M
ClientSampleId :

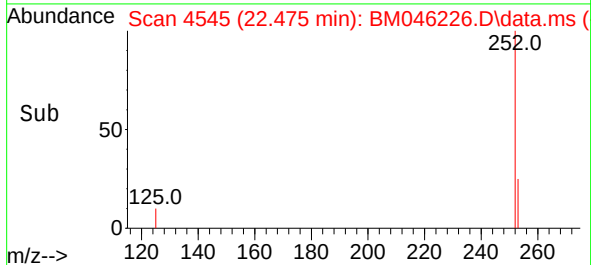
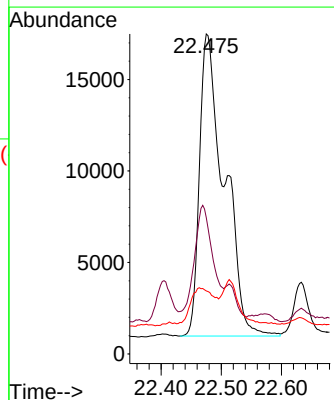
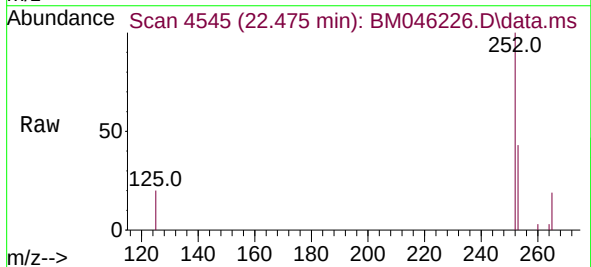


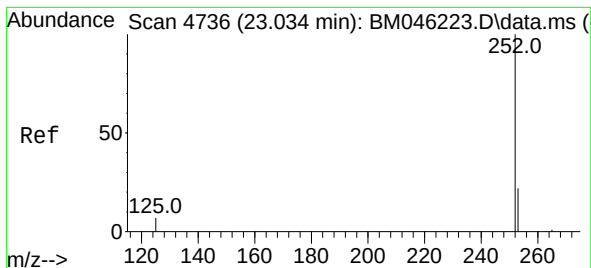
Tgt Ion:252 Resp: 47174
Ion Ratio Lower Upper
252 100
253 42.6 0.0 65.8
125 19.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.157 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.088 min
Lab File: BM046226.D
Acq: 23 Jun 2024 09:35

Tgt Ion:252 Resp: 47174
Ion Ratio Lower Upper
252 100
253 42.6 27.2 40.8#
125 19.7 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.469 ng/ul

RT: 22.998 min Scan# 41

Delta R.T. -0.056 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :

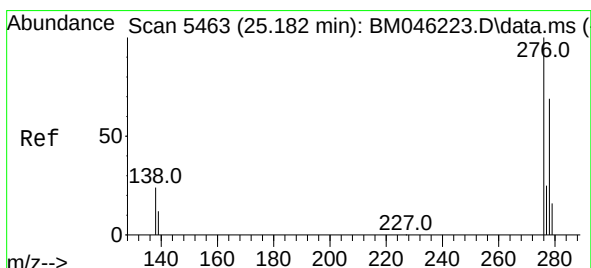
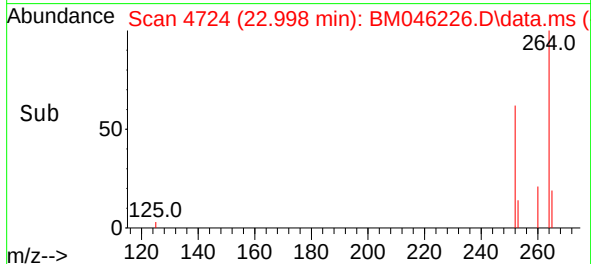
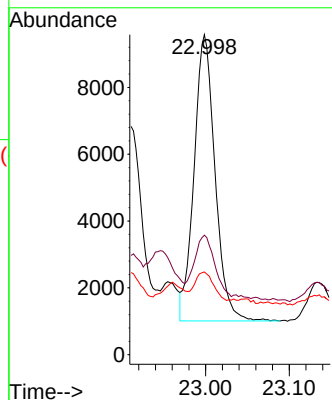
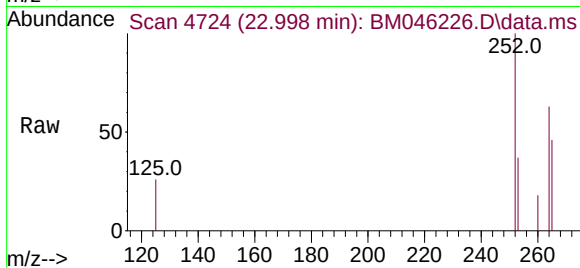
Tgt Ion:252 Resp: 14894

Ion Ratio Lower Upper

252 100

253 37.4 32.1 48.1

125 25.9 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

RT: 25.128 min Scan# 5447

Delta R.T. -0.074 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

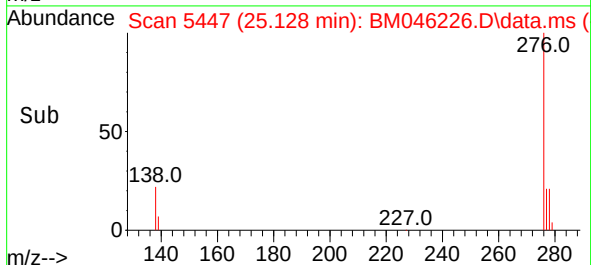
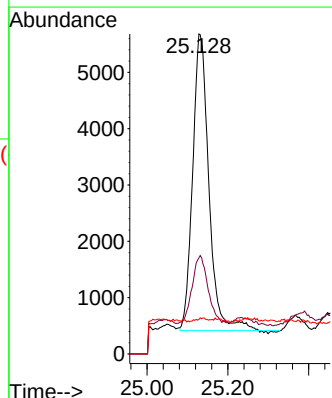
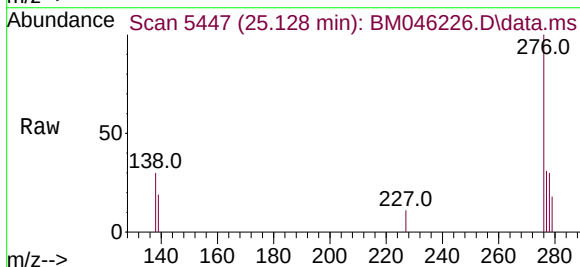
Tgt Ion:276 Resp: 14615

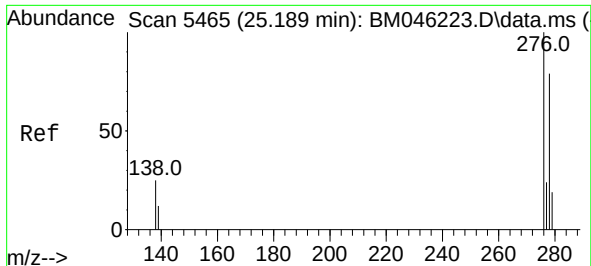
Ion Ratio Lower Upper

276 100

138 24.0 21.0 31.4

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.114 ng/ul

RT: 25.135 min Scan# 54

Delta R.T. -0.081 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Instrument :

BNA_M

ClientSampleId :

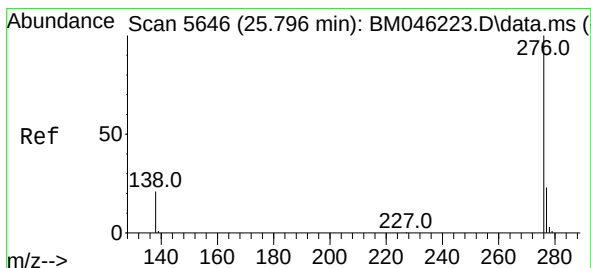
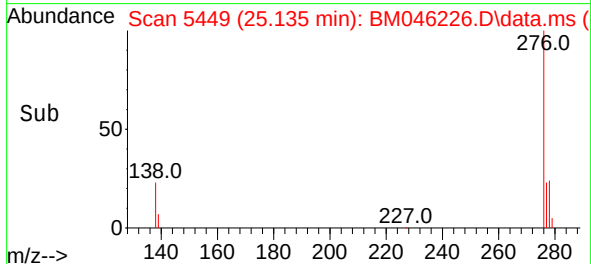
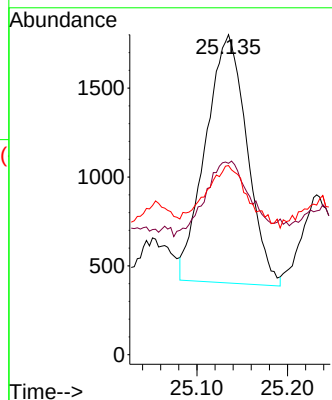
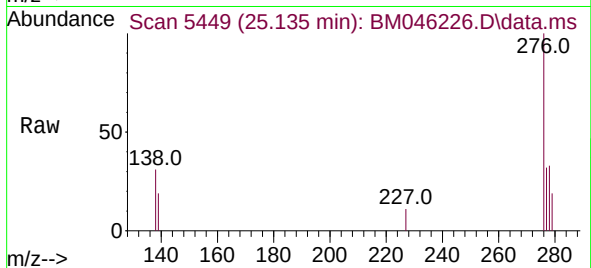
Tgt Ion:278 Resp: 4417

Ion Ratio Lower Upper

278 100

139 59.8 17.6 26.4#

279 59.1 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.103 ng/ul

RT: 25.755 min Scan# 5634

Delta R.T. -0.074 min

Lab File: BM046226.D

Acq: 23 Jun 2024 09:35

Tgt Ion:276 Resp: 4593

Ion Ratio Lower Upper

276 100

138 45.6 21.7 32.5#

277 45.9 20.4 30.6#

