

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046239.D
 Acq On : 23 Jun 2024 17:30
 Operator : MA/JU
 Sample : P2776-18
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:32:22 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)

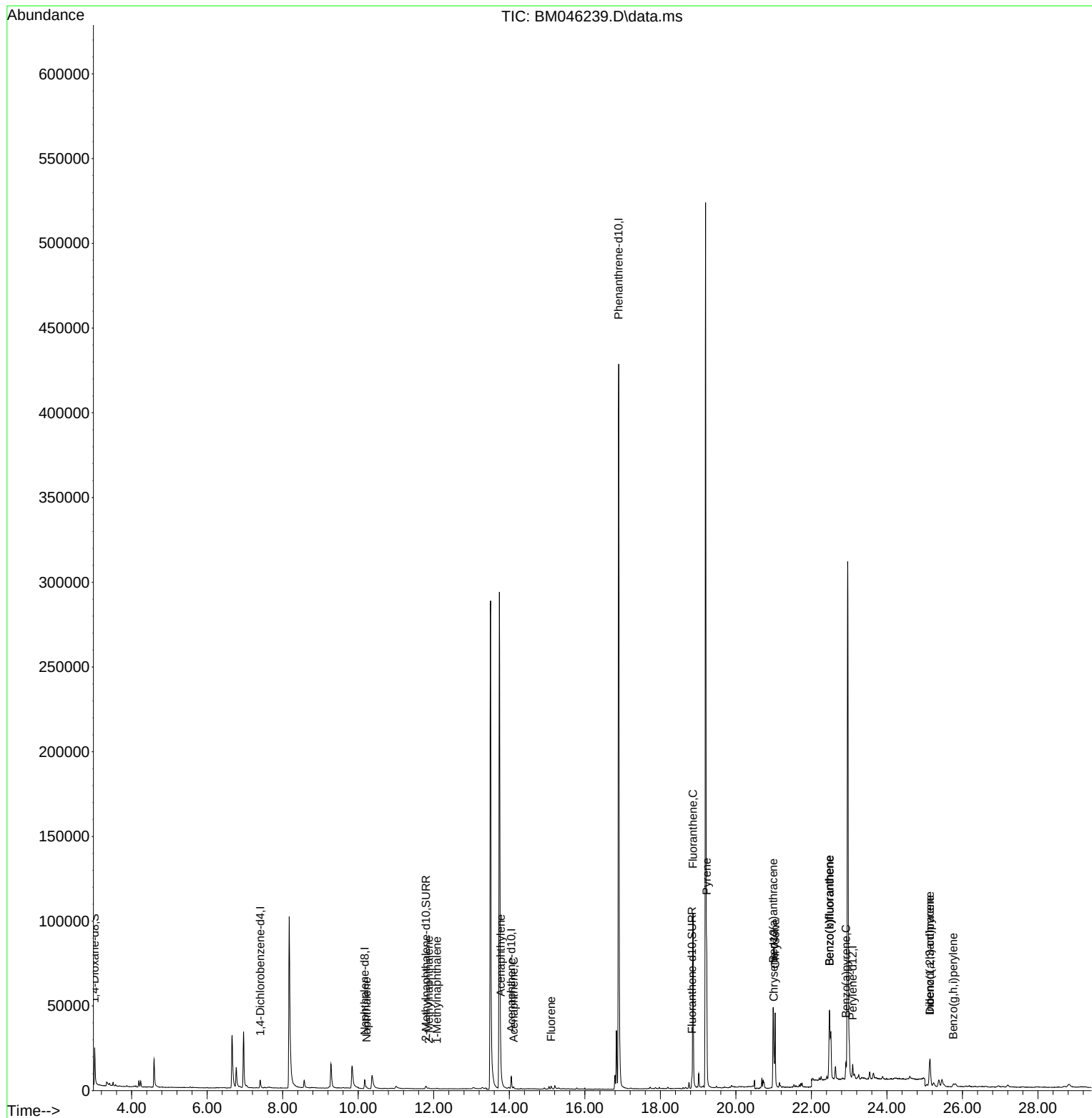
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2643	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8124	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4603	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	515197	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.002	240	7202	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	10873	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	12496	3.446	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	3132	0.287	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6760	0.313	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.221	128	1177	0.052	ng/ul#	79
7) 2-Methylnaphthalene	11.866	142	403	0.032	ng/ul	94
8) 1-Methylnaphthalene	12.080	142	398	0.028	ng/ul	89
10) Acenaphthylene	13.771	152	5739	0.263	ng/ul	97
11) Acenaphthene	14.113	153	656	0.042	ng/ul	94
12) Fluorene	15.108	166	1436	0.085	ng/ul#	96
19) Fluoranthene	18.863	202	94206	3.021	ng/ul	98
20) Pyrene	19.225	202	63668	1.888	ng/ul	98
21) Benzo(a)anthracene	20.988	228	42392	1.524	ng/ul	98
22) Chrysene	21.040	228	43713	1.231	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	87296	2.228	ng/ul	88
25) Benzo(k)fluoranthene	22.478	252	87296	1.874	ng/ul#	86
26) Benzo(a)pyrene	22.914	252	12695	0.350	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.138	276	23307	0.392	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.141	278	7766	0.176	ng/ul#	72
29) Benzo(g,h,i)perylene	25.759	276	3978	0.078	ng/ul#	68

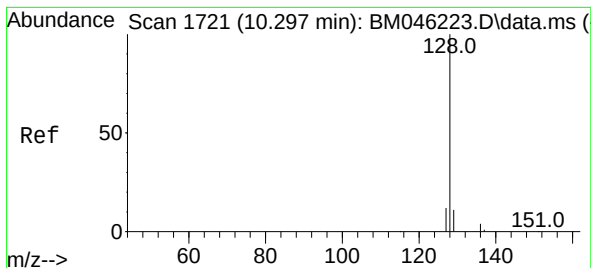
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.052 ng/ul

RT: 10.221 min Scan# 1

Delta R.T. -0.081 min

Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

Instrument :

BNA_M

ClientSampleId :

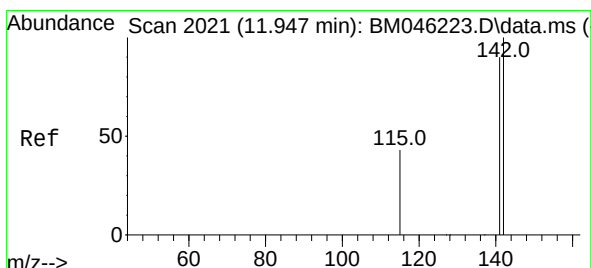
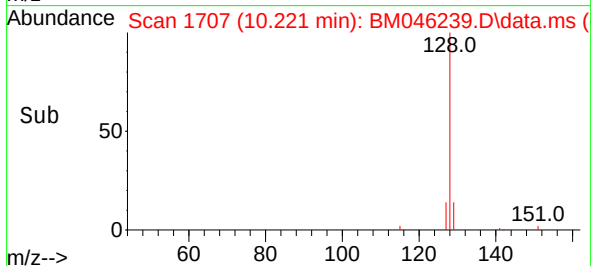
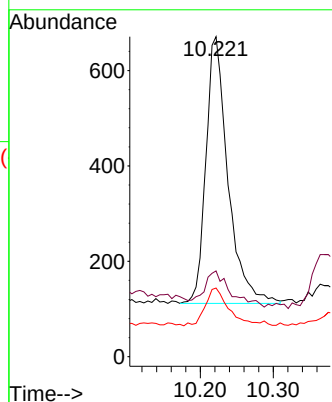
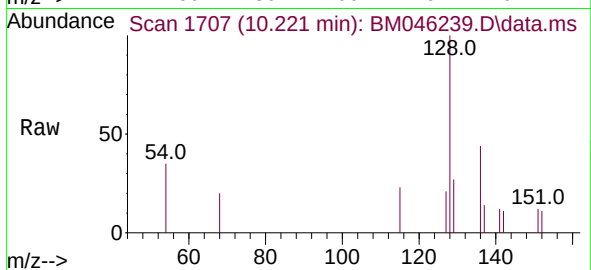
Tgt Ion:128 Resp: 1177

Ion Ratio Lower Upper

128 100

129 26.8 11.8 17.6#

127 21.5 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.866 min Scan# 2006

Delta R.T. -0.081 min

Lab File: BM046239.D

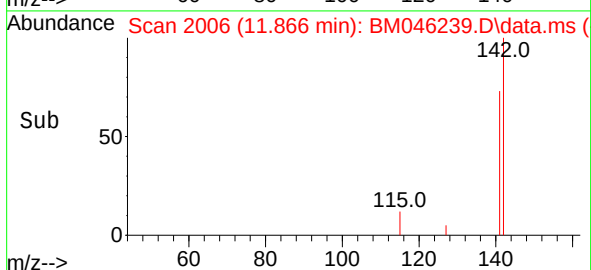
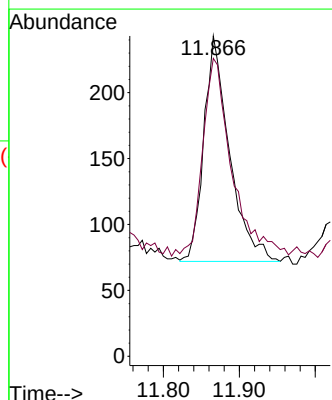
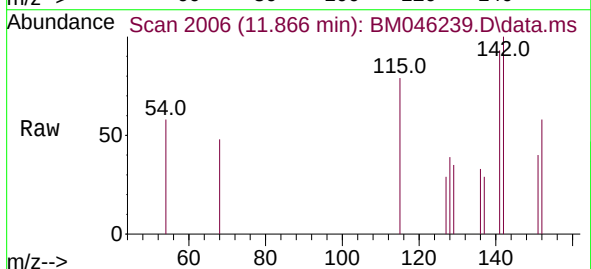
Acq: 23 Jun 2024 17:30

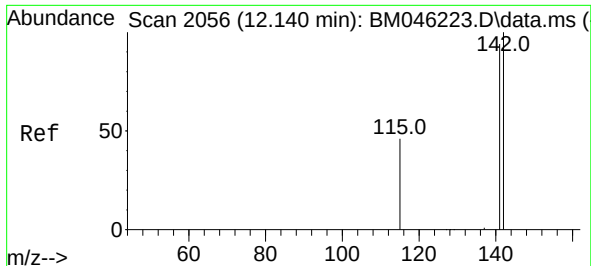
Tgt Ion:142 Resp: 403

Ion Ratio Lower Upper

142 100

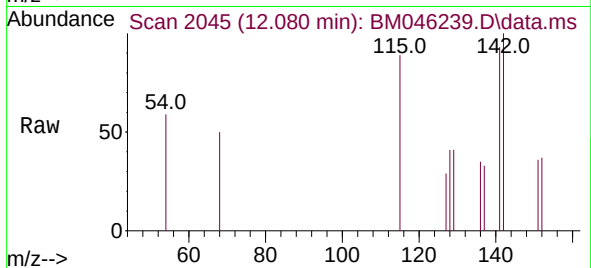
141 98.5 74.6 111.8



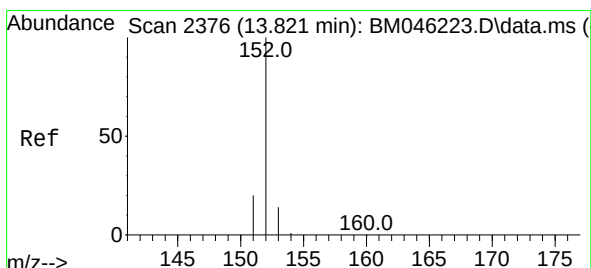
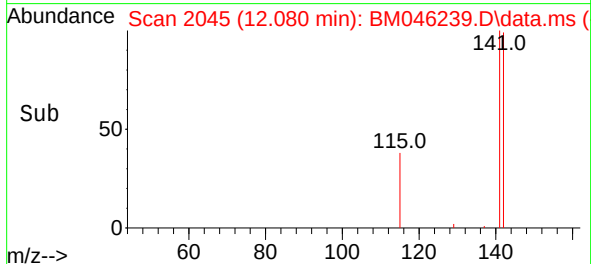
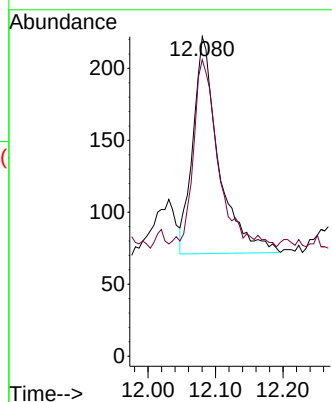


#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.080 min Scan# 2056
Delta R.T. -0.070 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Instrument :
BNA_M
ClientSampleId :

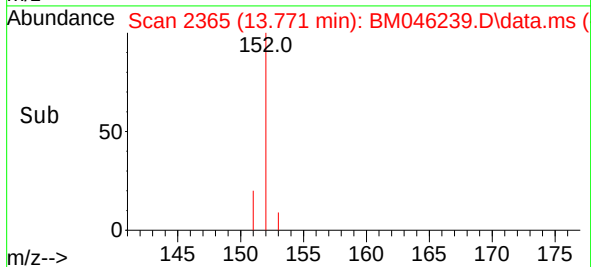
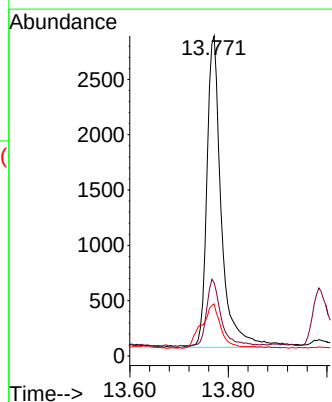
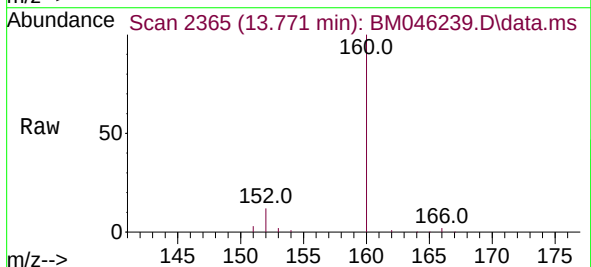


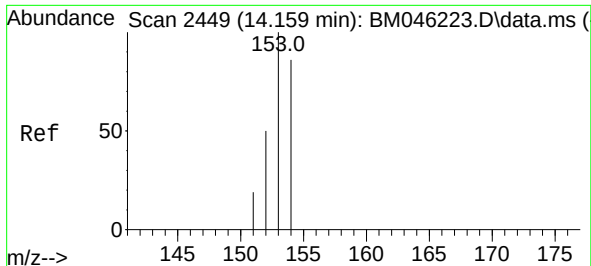
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
141 83.4 75.2 112.8



#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

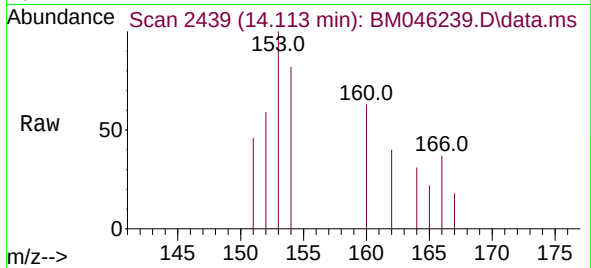
Tgt Ion:152 Resp: 5739
Ion Ratio Lower Upper
152 100
151 22.9 17.4 26.2
153 16.2 11.8 17.8



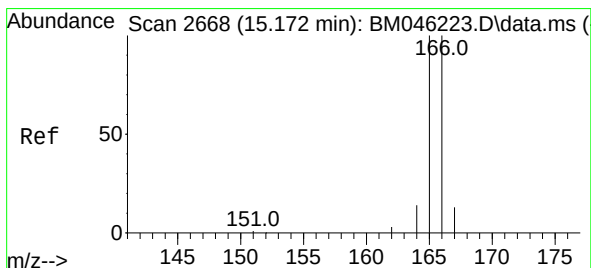
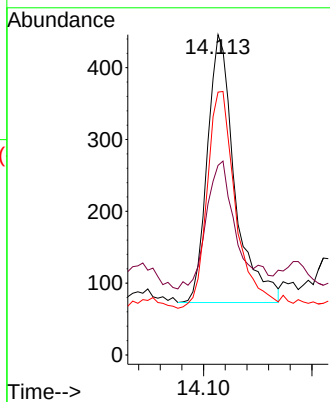
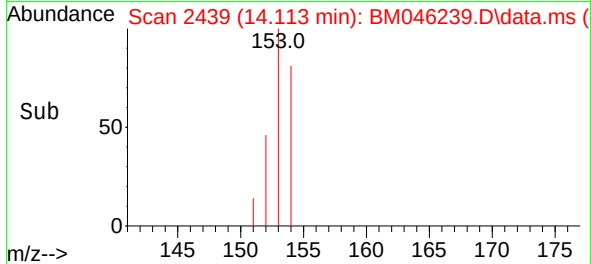


#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.113 min Scan# 2439
Delta R.T. -0.059 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Instrument :
BNA_M
ClientSampleId :

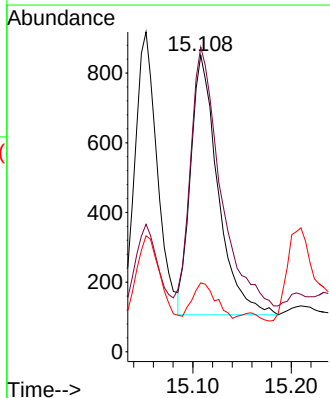
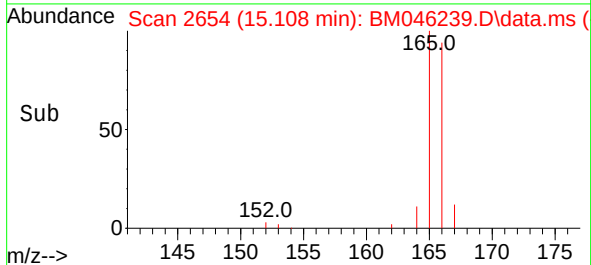
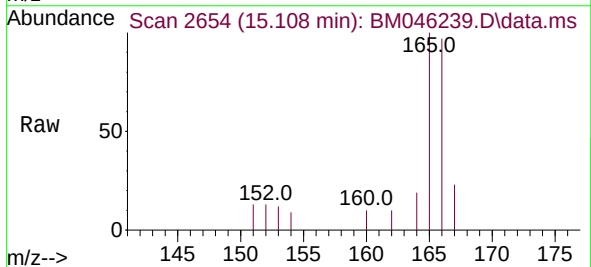


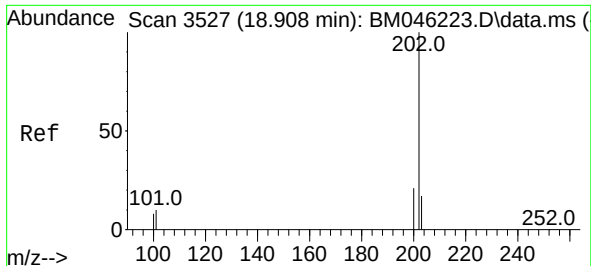
Tgt Ion:153 Resp: 656
Ion Ratio Lower Upper
153 100
152 59.2 41.3 61.9
154 82.1 68.2 102.4



#12
Fluorene
Concen: 0.085 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Tgt Ion:166 Resp: 1436
Ion Ratio Lower Upper
166 100
165 102.8 80.4 120.6
167 23.3 12.4 18.6#





#19

Fluoranthene

Concen: 3.021 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.055 min

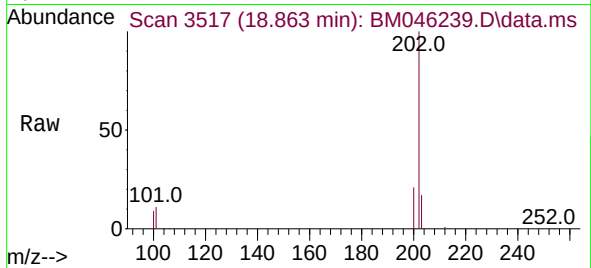
Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

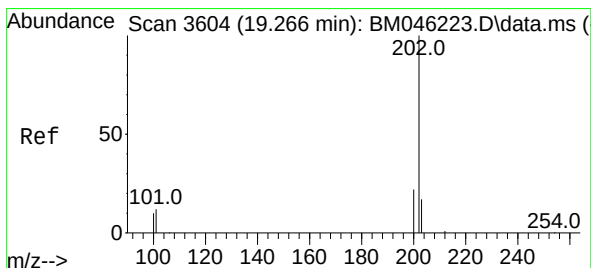
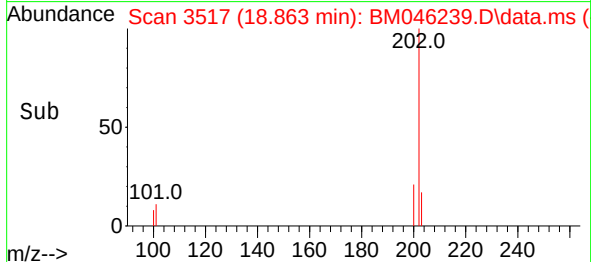
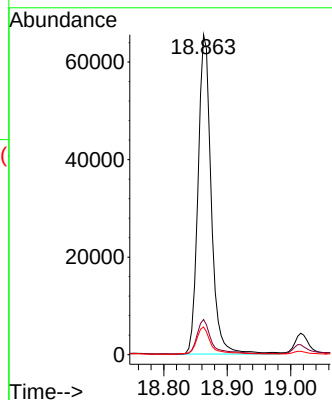
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	94206
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.6	14.4
100	8.6	7.6	11.4



#20

Pyrene

Concen: 1.888 ng/ul

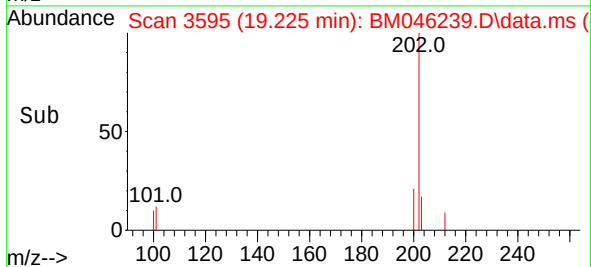
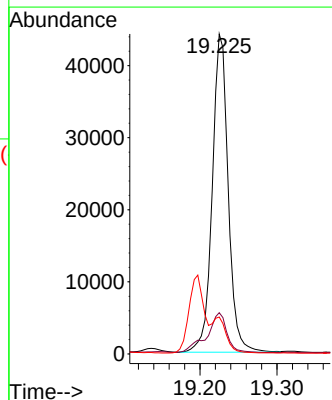
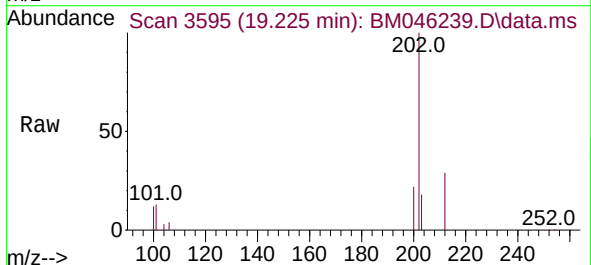
RT: 19.225 min Scan# 3595

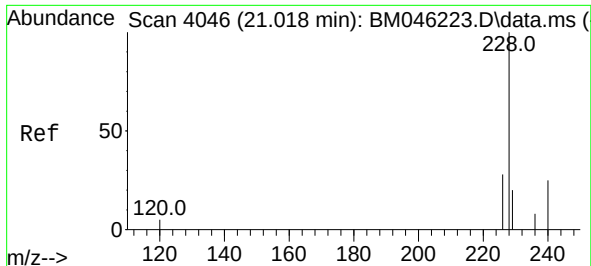
Delta R.T. -0.050 min

Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

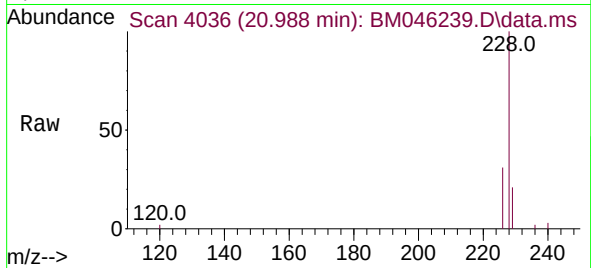
Tgt Ion:	202	Resp:	63668
Ion Ratio	Lower	Upper	
202	100		
101	12.9	11.3	16.9
100	11.5	9.8	14.6



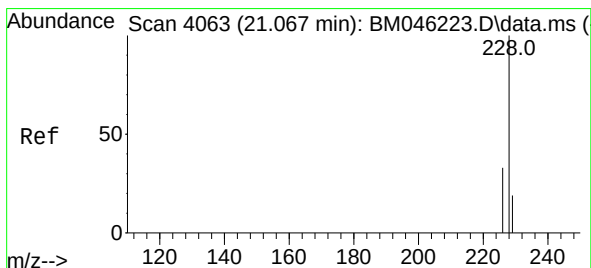
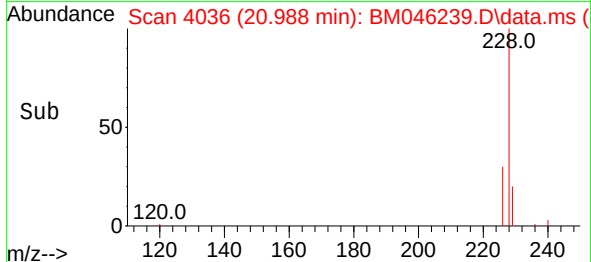
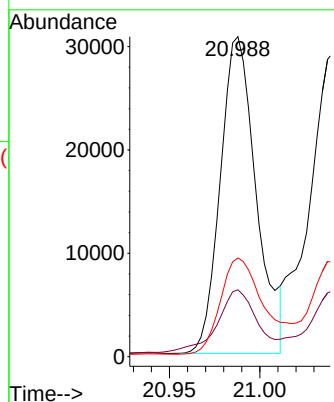


#21
Benzo(a)anthracene
Concen: 1.524 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Instrument :
BNA_M
ClientSampleId :

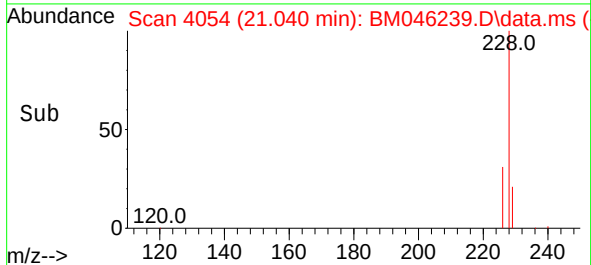
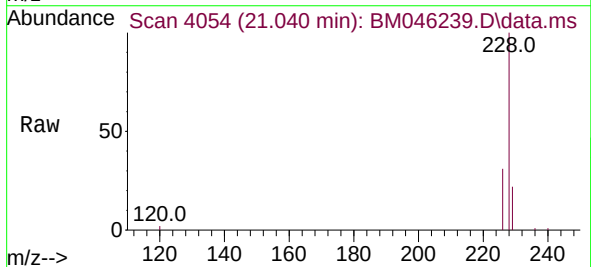
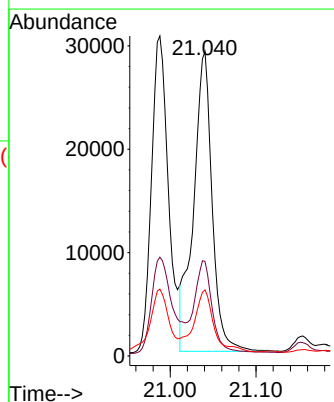


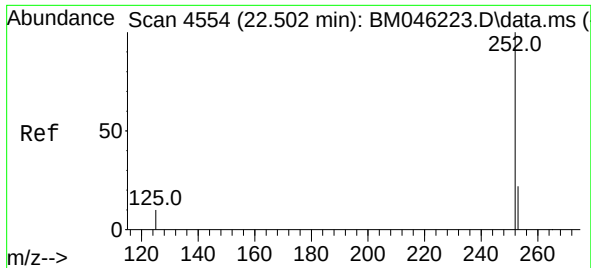
Tgt Ion:228 Resp: 42392
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 30.9 23.4 35.2



#22
Chrysene
Concen: 1.231 ng/ul
RT: 21.040 min Scan# 4054
Delta R.T. -0.036 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Tgt Ion:228 Resp: 43713
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.7 16.3 24.5

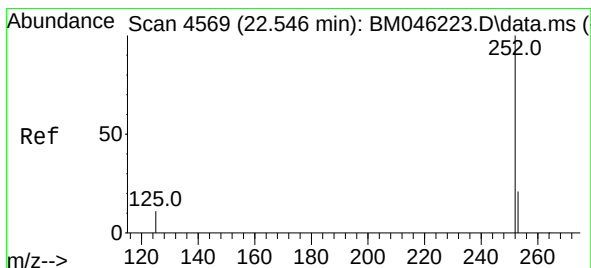
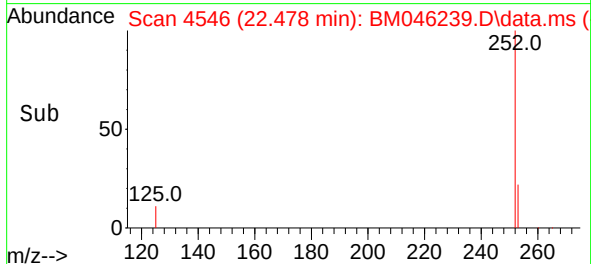
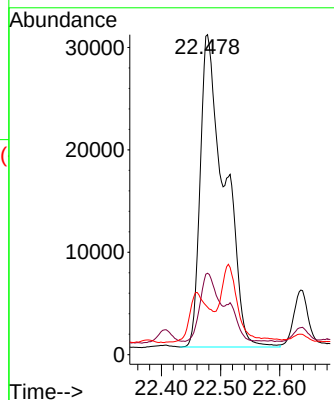
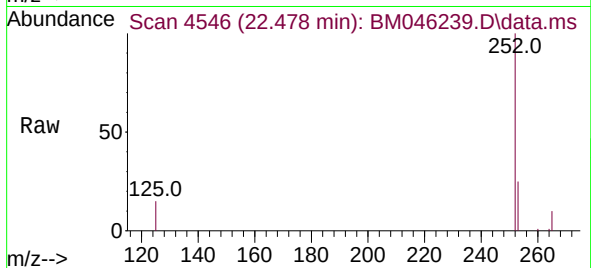




#24
Benzo(b)fluoranthene
Concen: 2.228 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

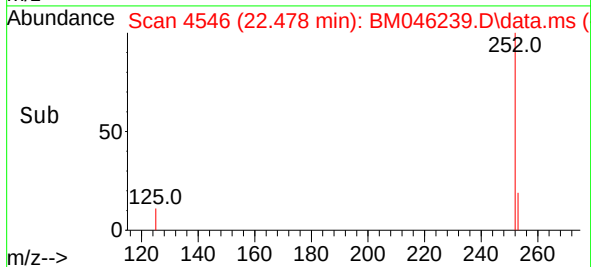
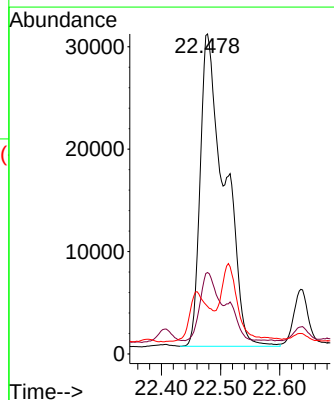
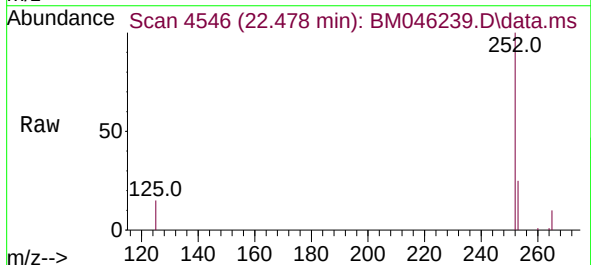
Instrument :
BNA_M
ClientSampleId :

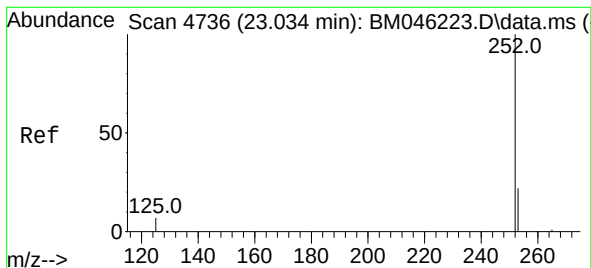
Tgt Ion:252 Resp: 87296
Ion Ratio Lower Upper
252 100
253 25.5 0.0 65.8
125 14.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.874 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.085 min
Lab File: BM046239.D
Acq: 23 Jun 2024 17:30

Tgt Ion:252 Resp: 87296
Ion Ratio Lower Upper
252 100
253 25.5 27.2 40.8#
125 14.9 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 22.914 min Scan# 4

Delta R.T. -0.141 min

Lab File: BM046239.D

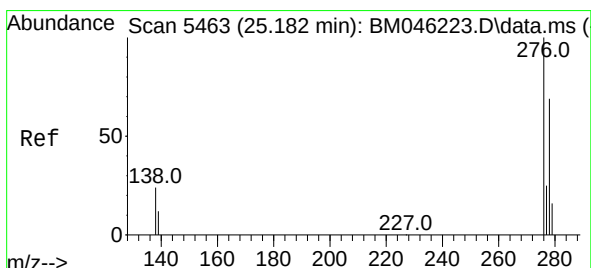
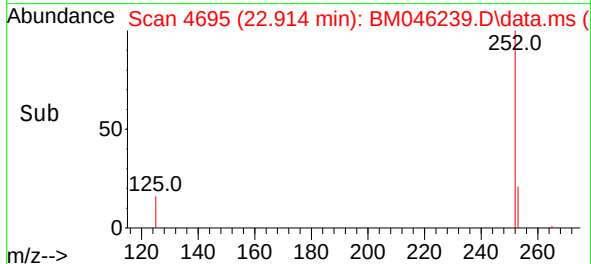
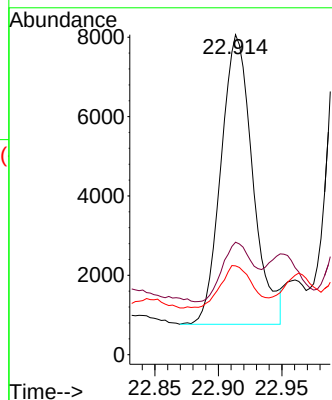
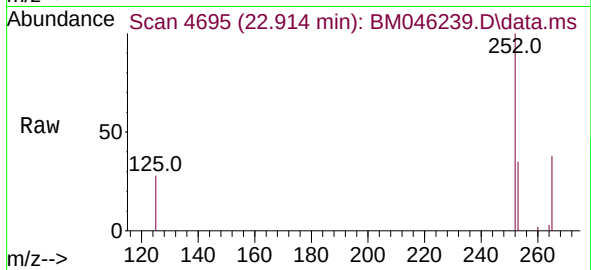
Acq: 23 Jun 2024 17:30

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	12695
Ion Ratio	Lower	Upper
252	100	
253	35.1	32.1 48.1
125	27.8	21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

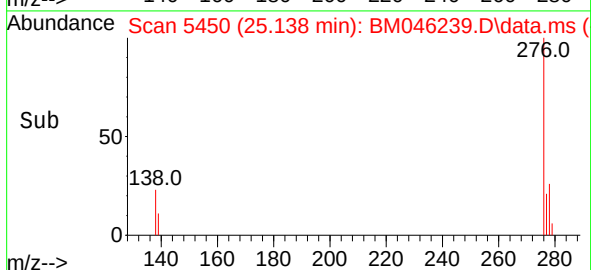
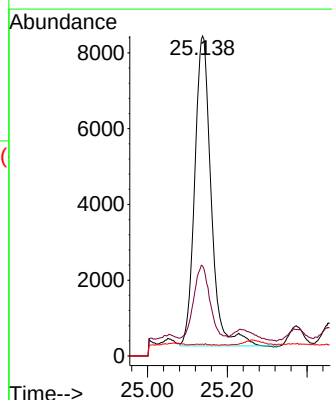
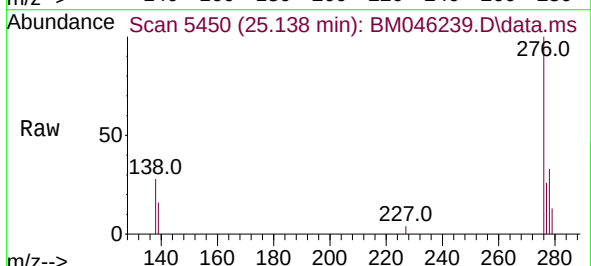
RT: 25.138 min Scan# 5450

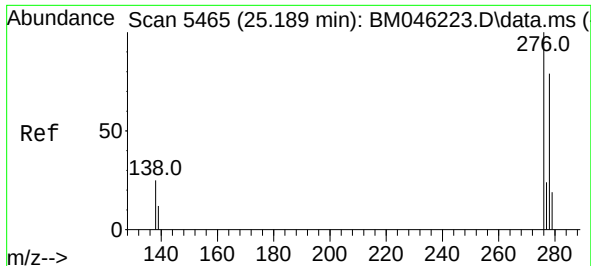
Delta R.T. -0.064 min

Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

Tgt Ion:276	Resp:	23307
Ion Ratio	Lower	Upper
276	100	
138	27.5	21.0 31.4
227	0.0	0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.176 ng/ul

RT: 25.141 min Scan# 54

Delta R.T. -0.074 min

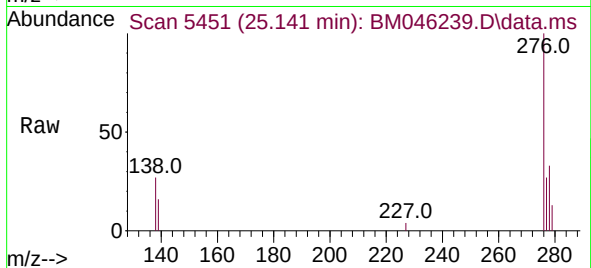
Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

Instrument :

BNA_M

ClientSampleId :



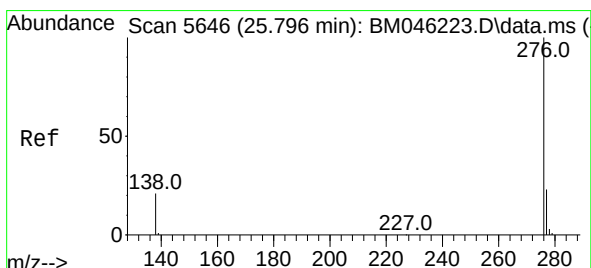
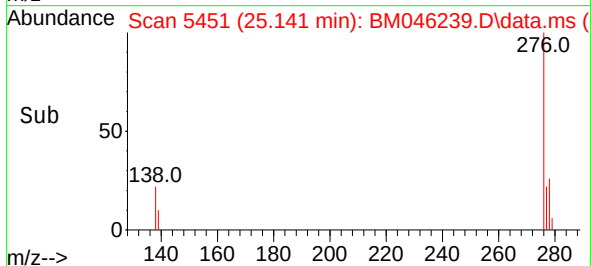
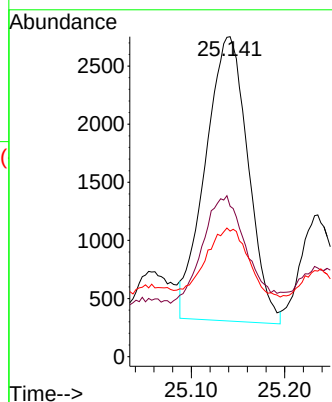
Tgt Ion:278 Resp: 7766

Ion Ratio Lower Upper

278 100

139 47.0 17.6 26.4#

279 39.3 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.078 ng/ul

RT: 25.759 min Scan# 5635

Delta R.T. -0.071 min

Lab File: BM046239.D

Acq: 23 Jun 2024 17:30

Tgt Ion:276 Resp: 3978

Ion Ratio Lower Upper

276 100

138 45.3 21.7 32.5#

277 39.7 20.4 30.6#

