

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048391.D
 Acq On : 01 Nov 2024 12:34
 Operator : RC/JU
 Sample : P4592-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H18

Quant Time: Nov 03 21:49:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

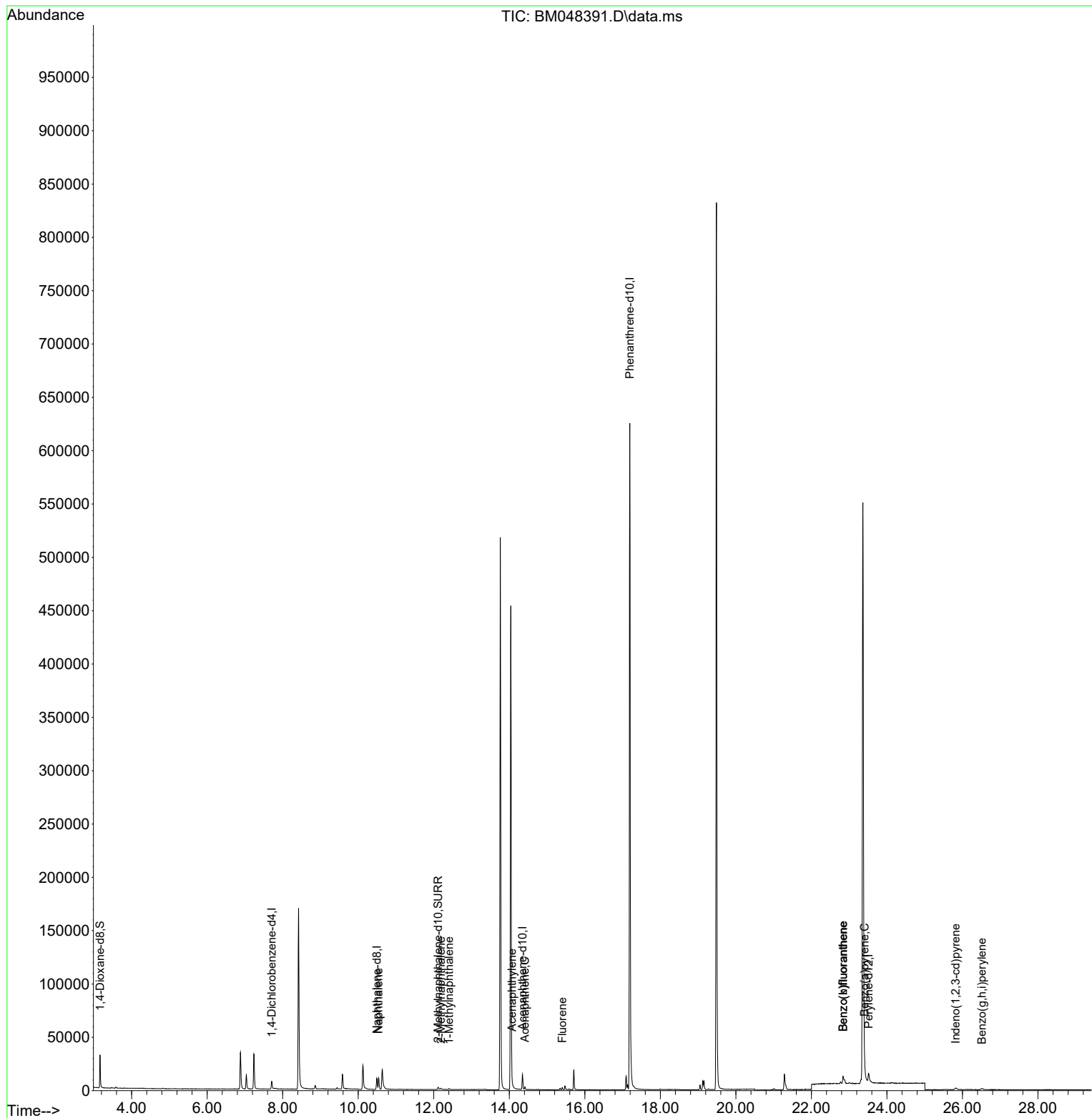
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	4627	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	15078	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	8223	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.192	188	788063	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.29
23) Perylene-d12	23.516	264	17870	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18351	3.229	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4260	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	10086	0.000	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.541	128	15166	0.385	ng/ul	97
7) 2-Methylnaphthalene	12.190	142	1169	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.405	142	786	0.031	ng/ul	94
10) Acenaphthylene	14.072	152	892	0.028	ng/ul#	70
11) Acenaphthene	14.414	153	1501	0.059	ng/ul	97
12) Fluorene	15.404	166	1474	0.052	ng/ul#	98
24) Benzo(b)fluoranthene	22.841	252	15822	0.259	ng/ul	91
25) Benzo(k)fluoranthene	22.841	252	15822	0.219	ng/ul#	90
26) Benzo(a)pyrene	23.411	252	4639	0.081	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.819	276	3561	0.044	ng/ul#	95
29) Benzo(g,h,i)perylene	26.513	276	3173	0.047	ng/ul#	79

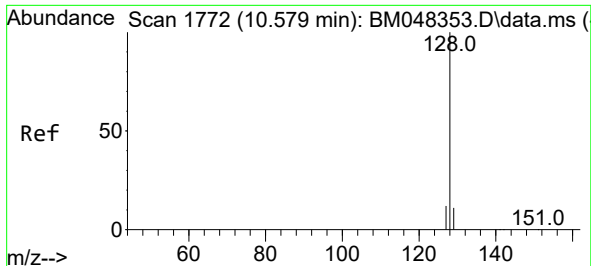
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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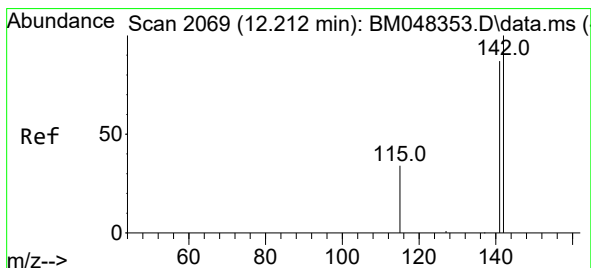
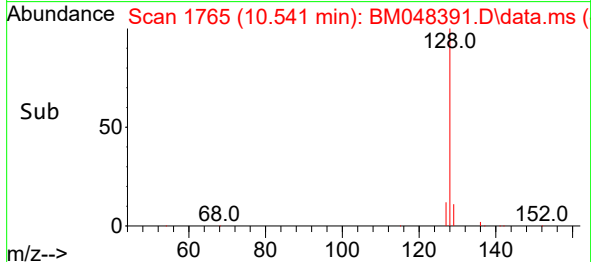
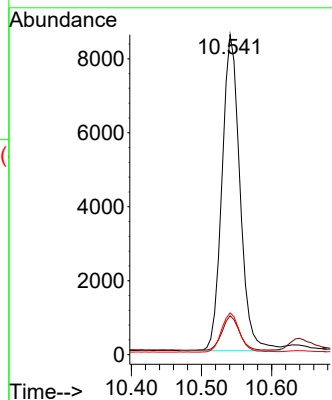
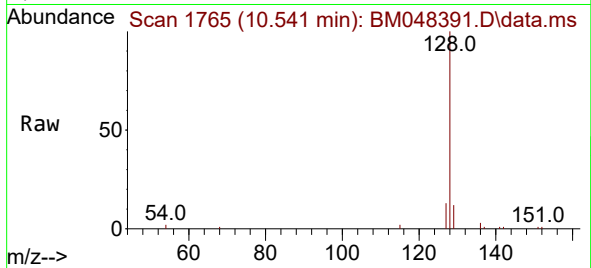




#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.541 min Scan# 1765
Delta R.T. -0.038 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

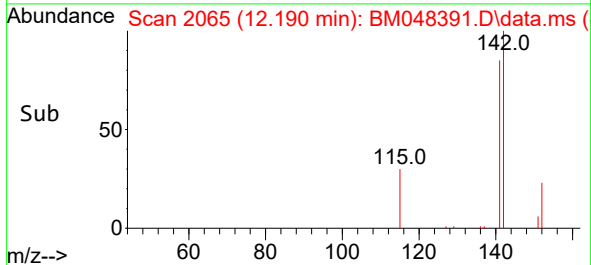
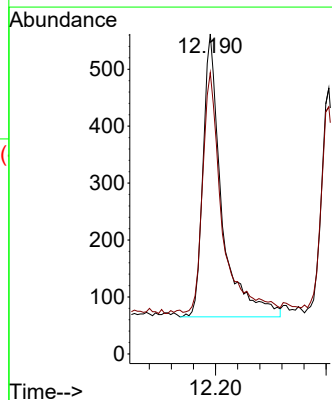
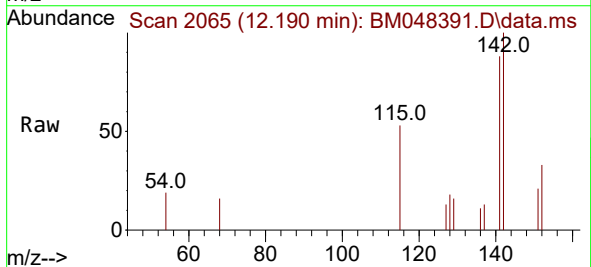
Instrument :
BNA_M
ClientSampleId :
F7H18

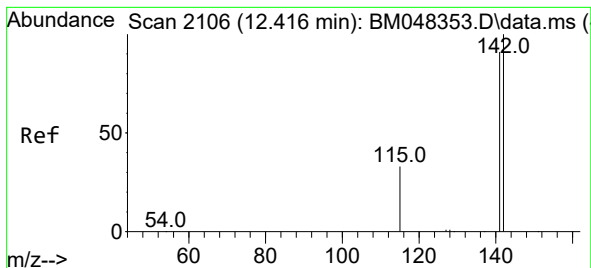
Tgt Ion:128 Resp: 15166
Ion Ratio Lower Upper
128 100
129 12.1 10.6 15.8
127 13.1 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.022 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Tgt Ion:142 Resp: 1169
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.405 min Scan# 2104

Delta R.T. -0.011 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

Instrument :

BNA_M

ClientSampleId :

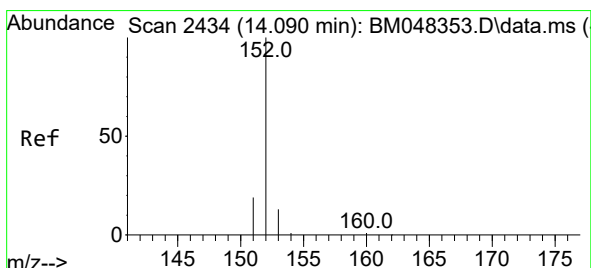
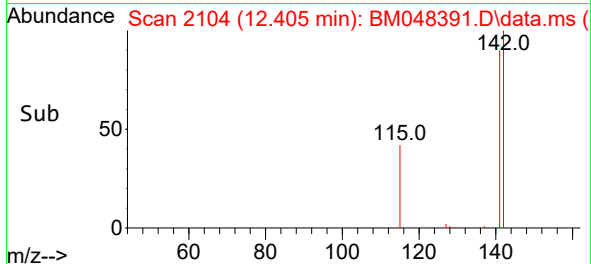
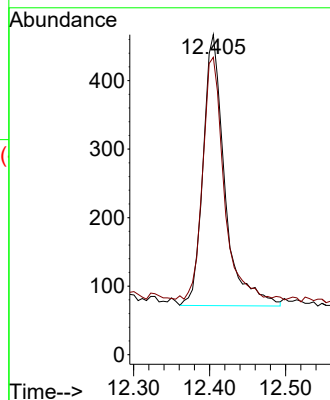
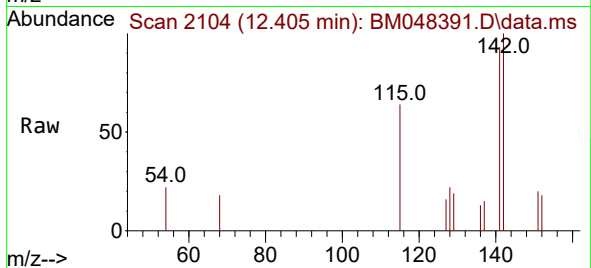
F7H18

Tgt Ion:142 Resp: 786

Ion Ratio Lower Upper

142 100

141 88.2 75.5 113.3



#10

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.072 min Scan# 2430

Delta R.T. -0.018 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

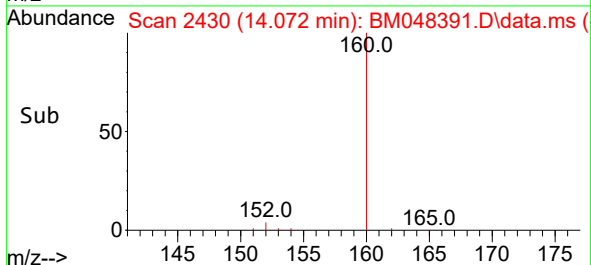
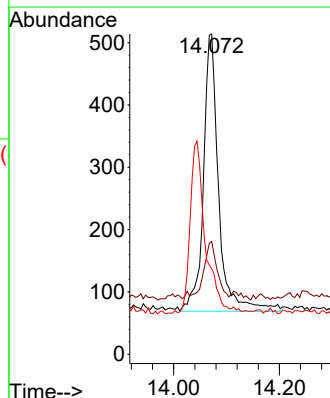
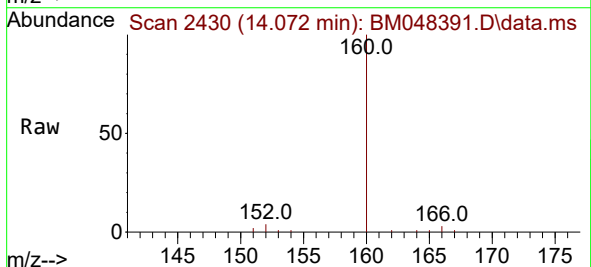
Tgt Ion:152 Resp: 892

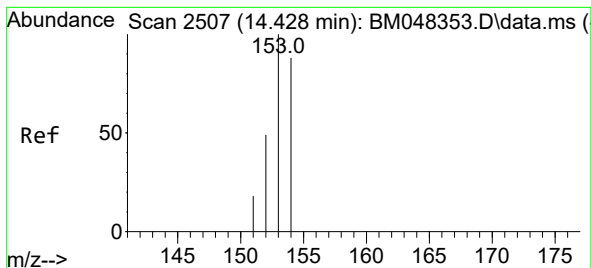
Ion Ratio Lower Upper

152 100

151 35.2 16.6 24.8#

153 26.7 11.8 17.6#





#11

Acenaphthene

Concen: 0.059 ng/ul

RT: 14.414 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

Instrument :

BNA_M

ClientSampleId :

F7H18

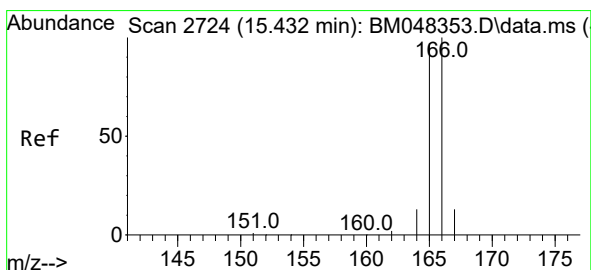
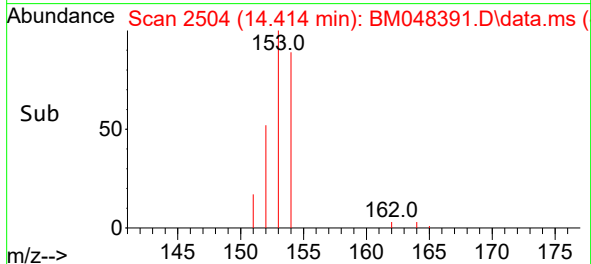
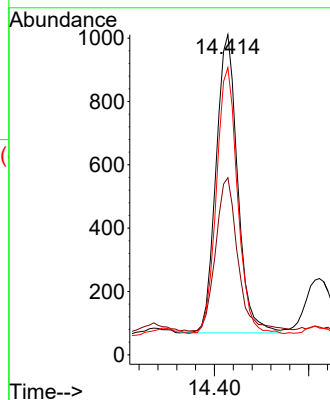
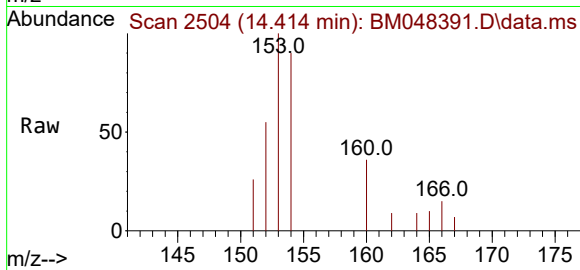
Tgt Ion:153 Resp: 1501

Ion Ratio Lower Upper

153 100

152 55.3 40.7 61.1

154 89.7 70.6 106.0



#12

Fluorene

Concen: 0.052 ng/ul

RT: 15.404 min Scan# 2718

Delta R.T. -0.028 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

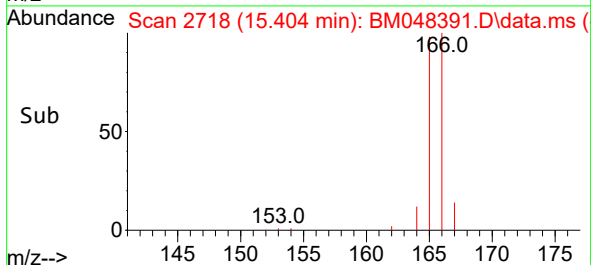
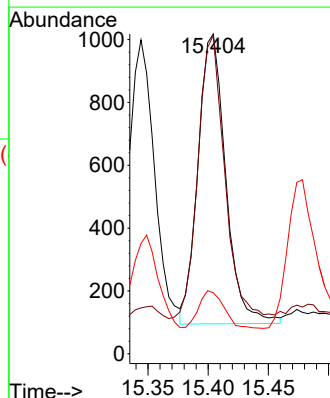
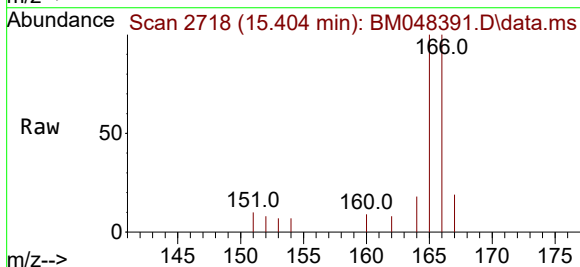
Tgt Ion:166 Resp: 1474

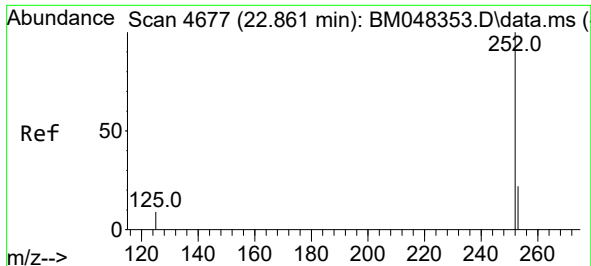
Ion Ratio Lower Upper

166 100

165 99.5 78.6 118.0

167 19.1 12.1 18.1#

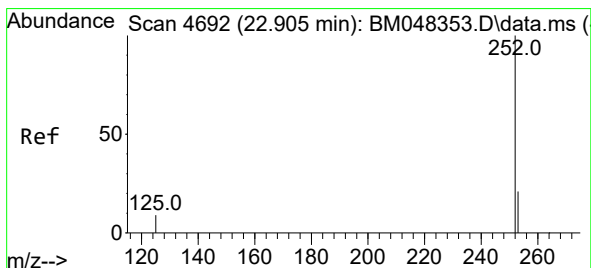
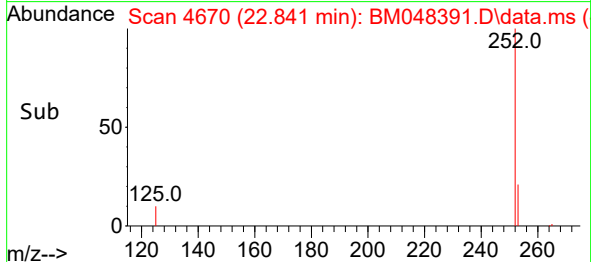
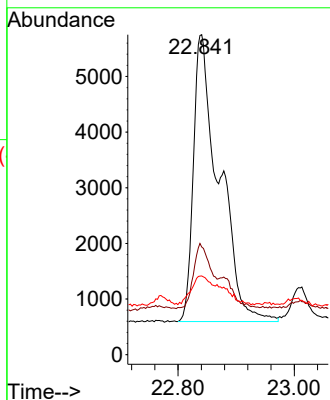
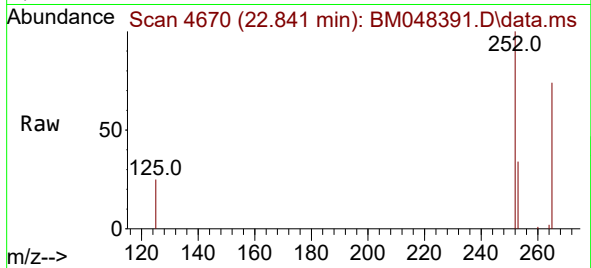




#24
Benzo(b)fluoranthene
Concen: 0.259 ng/ul
RT: 22.841 min Scan# 4670
Delta R.T. -0.020 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

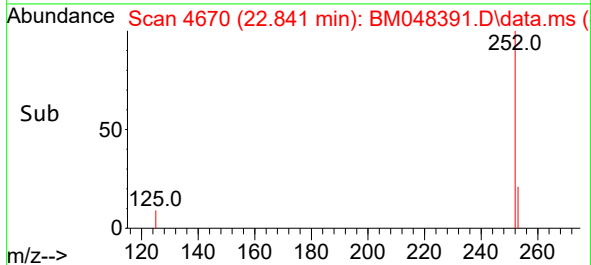
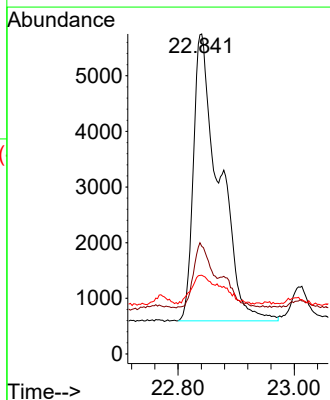
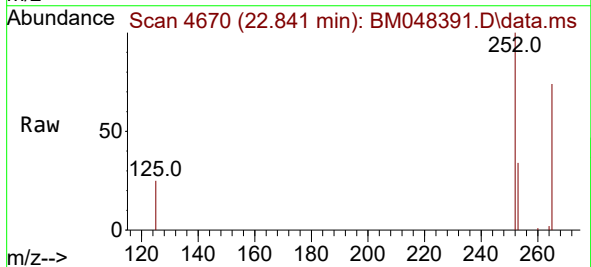
Instrument :
BNA_M
ClientSampleId :
F7H18

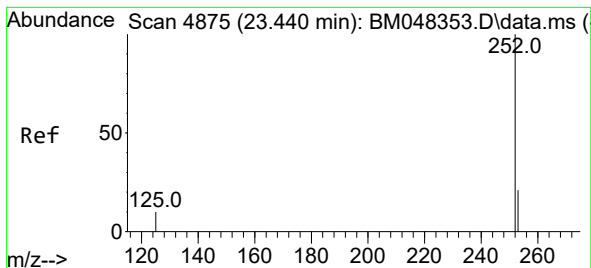
Tgt Ion:	252	Resp:	15822
Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	59.4
125	24.6	0.0	38.0



#25
Benzo(k)fluoranthene
Concen: 0.219 ng/ul
RT: 22.841 min Scan# 4670
Delta R.T. -0.064 min
Lab File: BM048391.D
Acq: 01 Nov 2024 12:34

Tgt Ion:	252	Resp:	15822
Ion	Ratio	Lower	Upper
252	100		
253	33.7	23.4	35.0
125	24.6	15.3	22.9





#26

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.411 min Scan# 4865

Delta R.T. -0.029 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

Instrument :

BNA_M

ClientSampleId :

F7H18

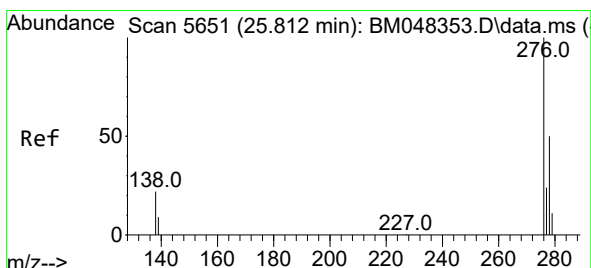
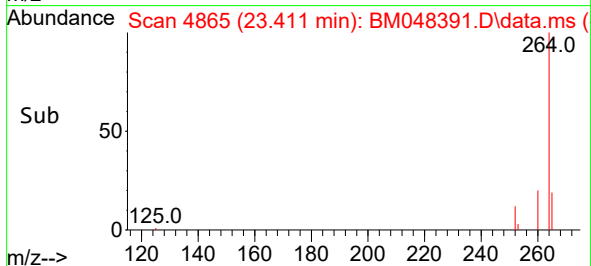
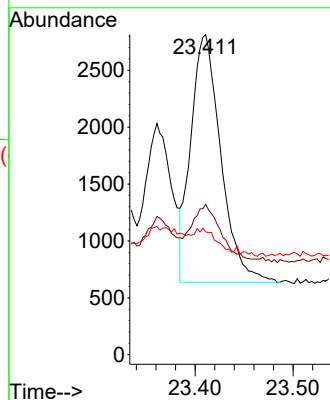
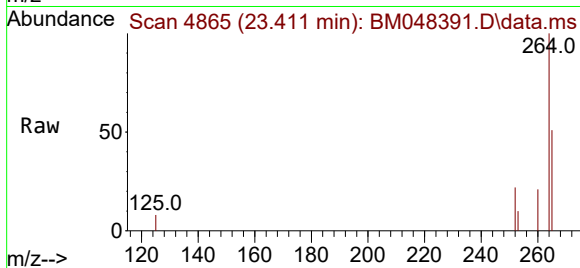
Tgt Ion:252 Resp: 4639

Ion Ratio Lower Upper

252 100

253 47.1 27.7 41.5#

125 38.4 21.1 31.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng/ul

RT: 25.819 min Scan# 5653

Delta R.T. 0.007 min

Lab File: BM048391.D

Acq: 01 Nov 2024 12:34

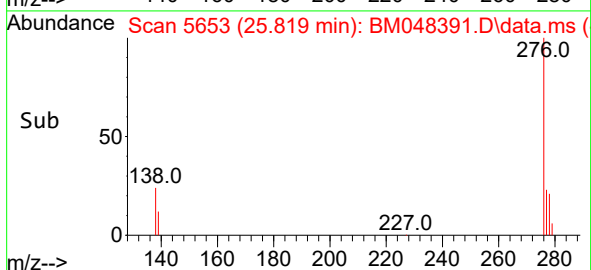
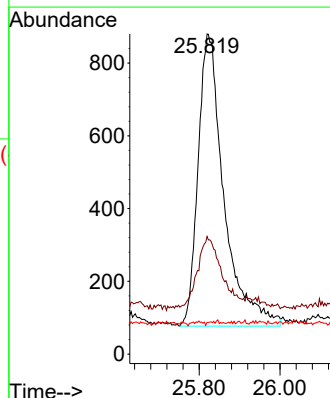
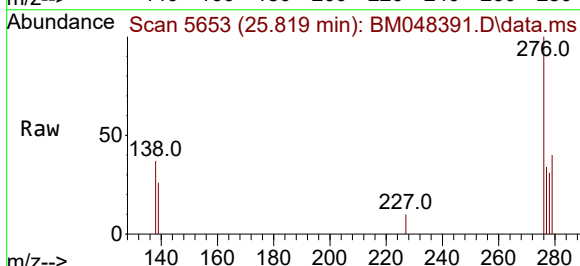
Tgt Ion:276 Resp: 3561

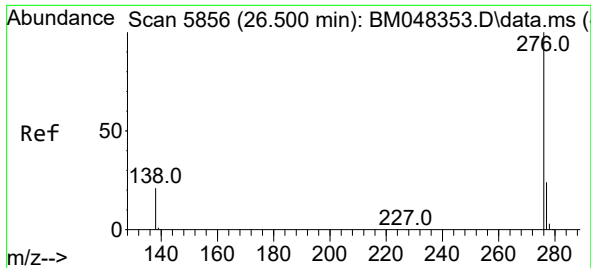
Ion Ratio Lower Upper

276 100

138 22.2 19.6 29.4

227 0.3 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 26.513 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BM048391.D
 Acq: 01 Nov 2024 12:34

Instrument :
 BNA_M
 ClientSampleId :
 F7H18

Tgt Ion:276 Resp: 3173
 Ion Ratio Lower Upper
 276 100
 138 35.8 19.0 28.6#
 277 35.0 20.6 31.0#

