

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048372.D
 Acq On : 01 Nov 2024 00:27
 Operator : RC/JU
 Sample : P4530-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H39

Quant Time: Nov 03 07:04:35 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)

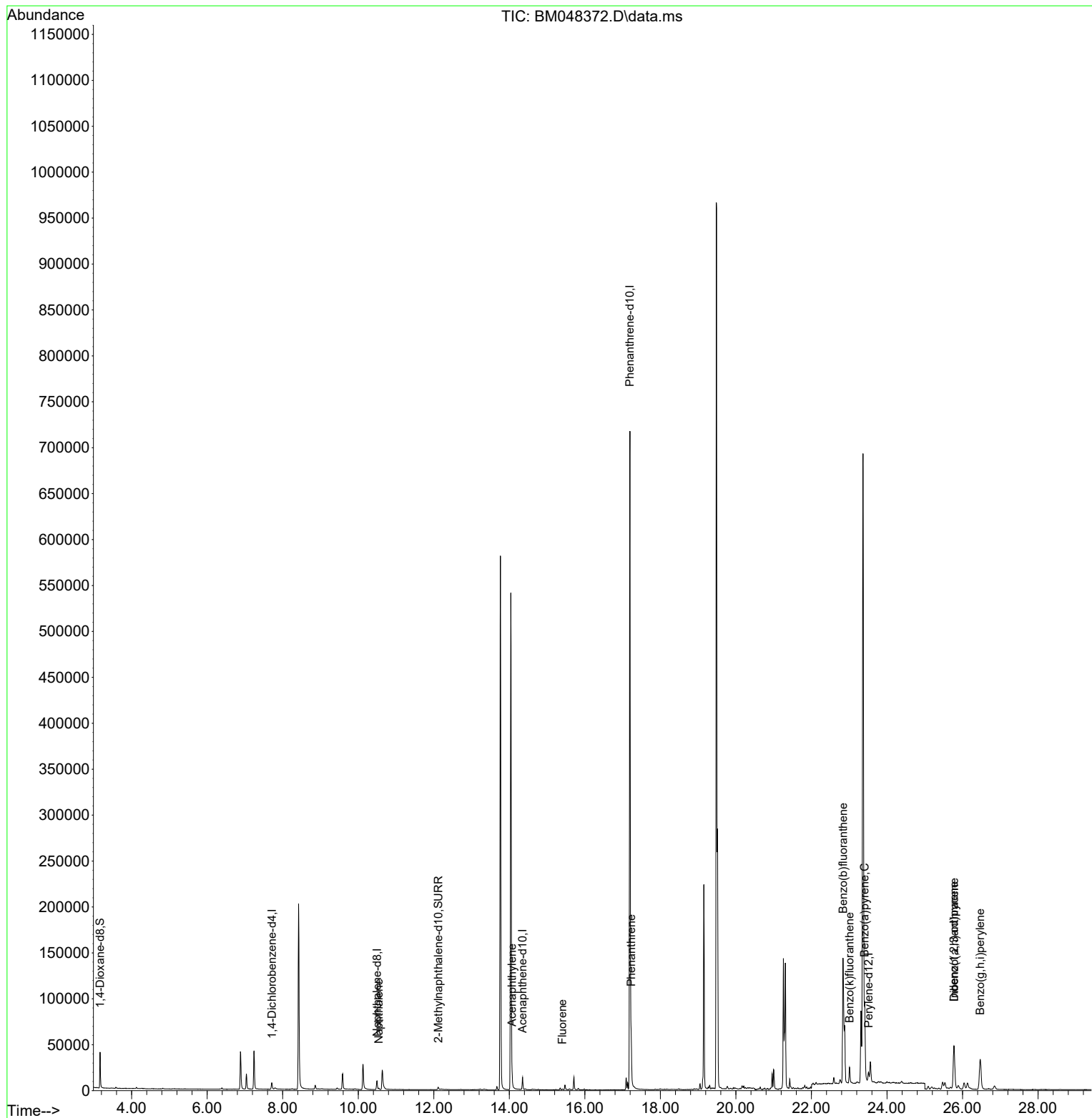
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	4344	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.496	136	13841	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.350	164	7525	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.193	188	863240	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.29
23) Perylene-d12	23.511	264	19142	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	22529	4.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	5178	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.124	212	12230	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	1896	0.052	ng/ul#	88
10) Acenaphthylene	14.073	152	11223	0.386	ng/ul	99
12) Fluorene	15.400	166	731	0.028	ng/ul#	94
15) Phenanthrene	17.226	178	53261	0.025	ng/ul	97
24) Benzo(b)fluoranthene	22.836	252	297066	4.541	ng/ul	86
25) Benzo(k)fluoranthene	23.008	252	21835	0.282	ng/ul	98
26) Benzo(a)pyrene	23.409	252	113524	1.848	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.773	276	81180	0.945	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.776	278	18934	0.283	ng/ul	95
29) Benzo(g,h,i)perylene	26.467	276	74308	1.026	ng/ul	97

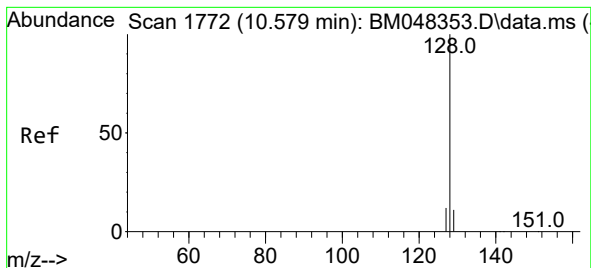
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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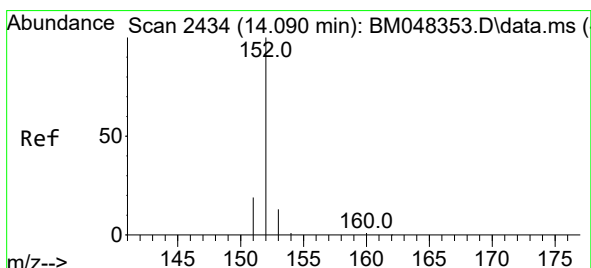
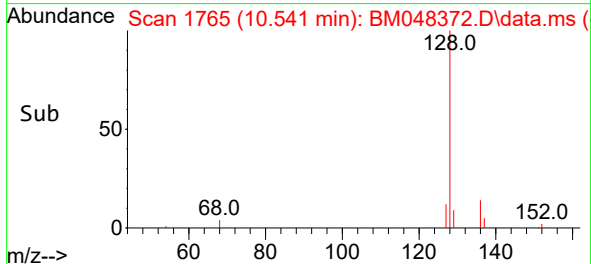
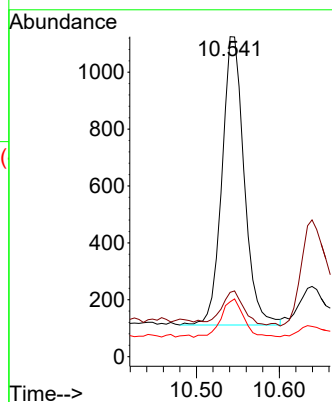
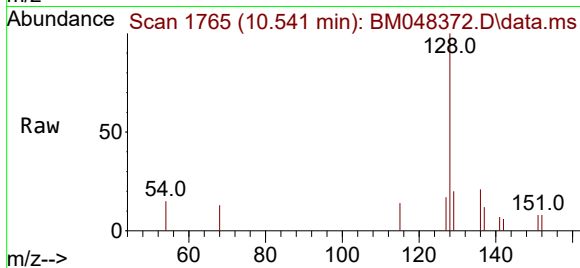




#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.541 min Scan# 1765
Delta R.T. -0.039 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

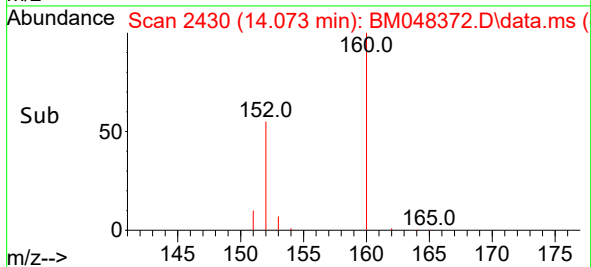
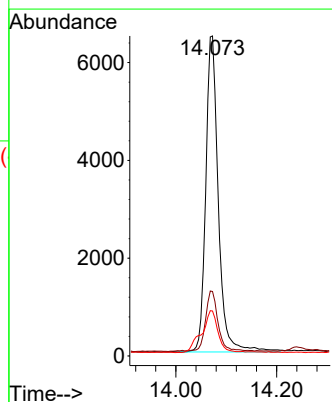
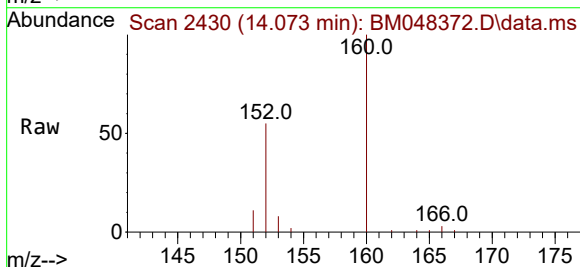
Instrument :
BNA_M
ClientSampleId :
F7H39

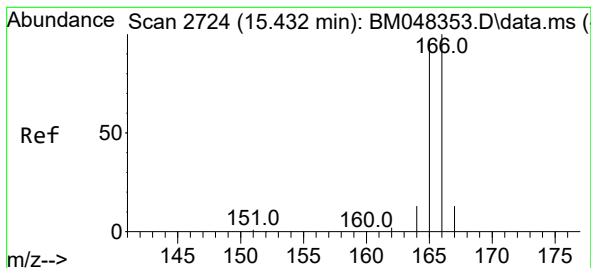
Tgt Ion:128 Resp: 1896
Ion Ratio Lower Upper
128 100
129 20.1 10.6 15.8#
127 17.2 11.4 17.2



#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.073 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Tgt Ion:152 Resp: 11223
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 14.1 11.8 17.6





#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.400 min Scan# 21

Delta R.T. -0.032 min

Lab File: BM048372.D

Acq: 01 Nov 2024 00:27

Instrument :

BNA_M

ClientSampleId :

F7H39

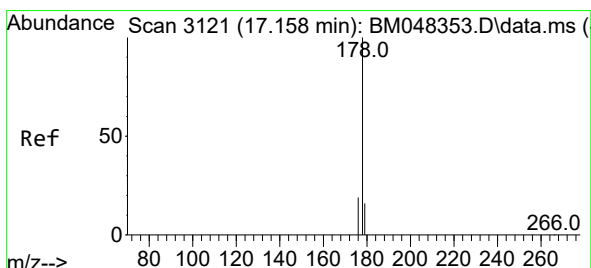
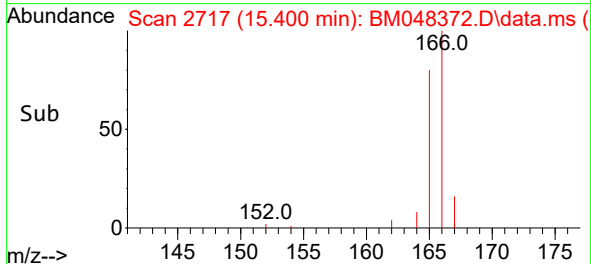
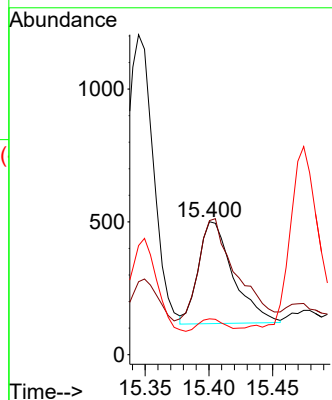
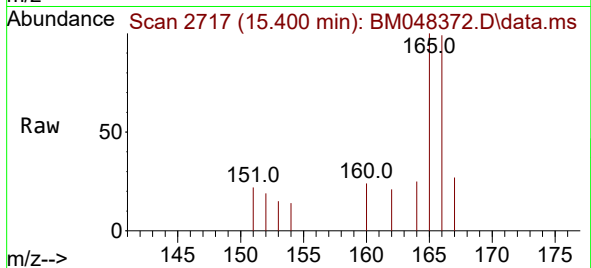
Tgt Ion:166 Resp: 731

Ion Ratio Lower Upper

166 100

165 100.8 78.6 118.0

167 26.9 12.1 18.1#



#15

Phenanthrene

Concen: 0.025 ng/ul

RT: 17.226 min Scan# 3137

Delta R.T. 0.068 min

Lab File: BM048372.D

Acq: 01 Nov 2024 00:27

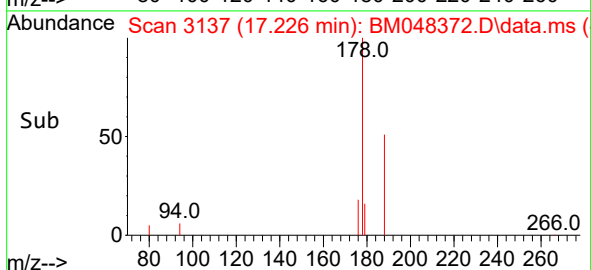
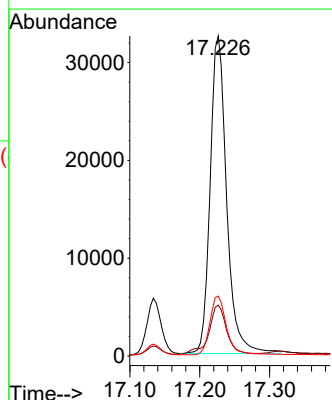
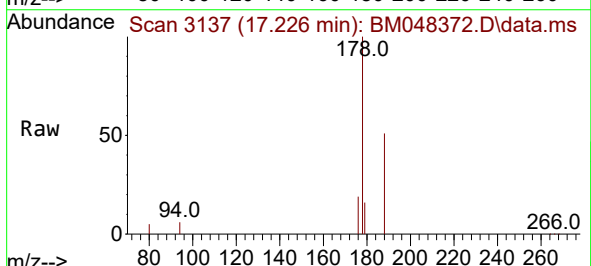
Tgt Ion:178 Resp: 53261

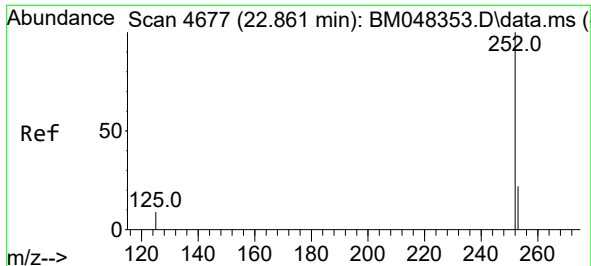
Ion Ratio Lower Upper

178 100

179 15.9 13.9 20.9

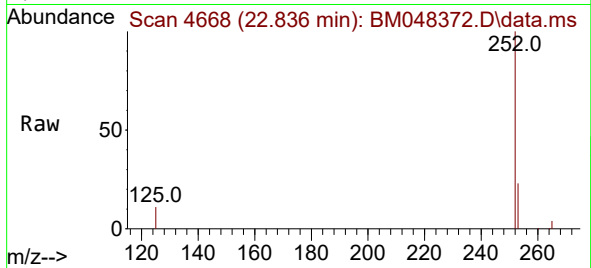
176 18.7 16.0 24.0



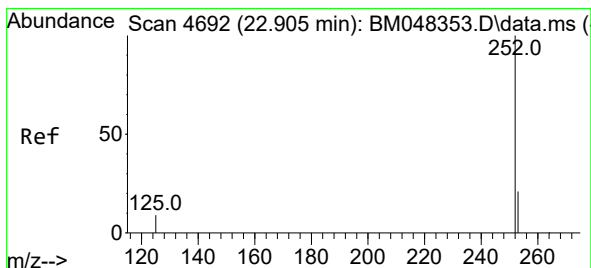
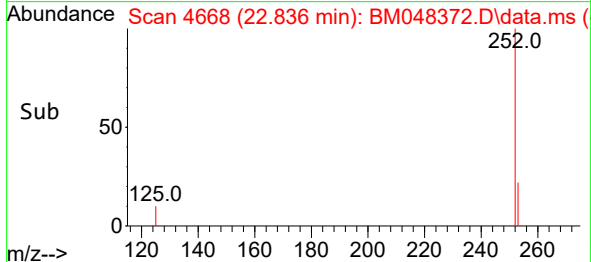
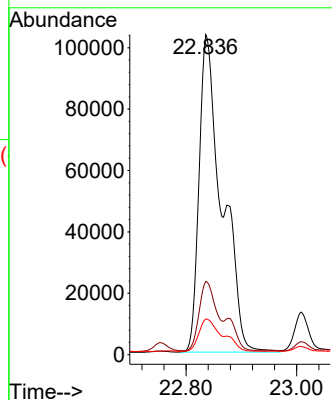


#24
Benzo(b)fluoranthene
Concen: 4.541 ng/ul
RT: 22.836 min Scan# 41
Delta R.T. -0.026 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Instrument :
BNA_M
ClientSampleId :
F7H39

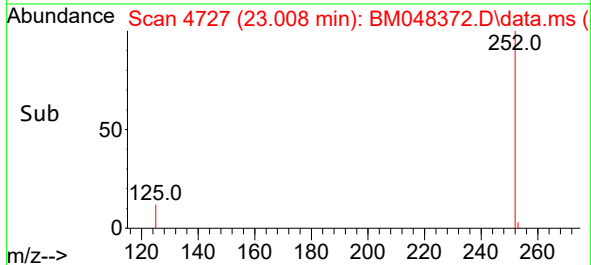
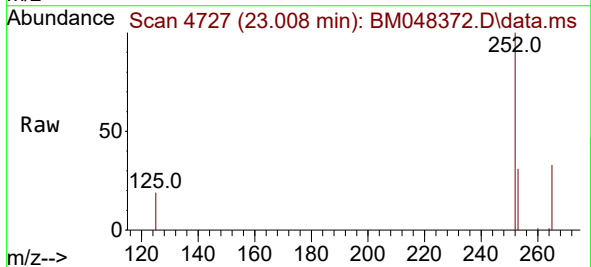
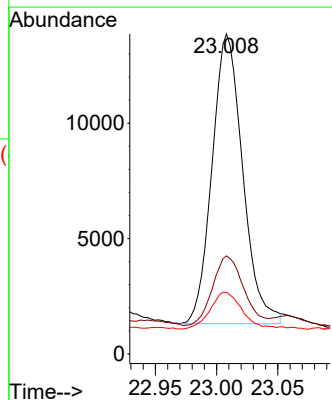


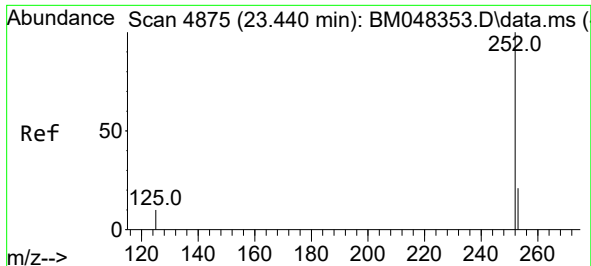
Tgt Ion:252 Resp: 297066
Ion Ratio Lower Upper
252 100
253 22.9 0.0 59.4
125 11.2 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul
RT: 23.008 min Scan# 4727
Delta R.T. 0.103 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

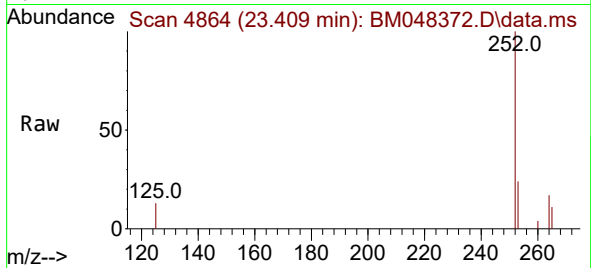
Tgt Ion:252 Resp: 21835
Ion Ratio Lower Upper
252 100
253 30.6 23.4 35.0
125 19.2 15.3 22.9



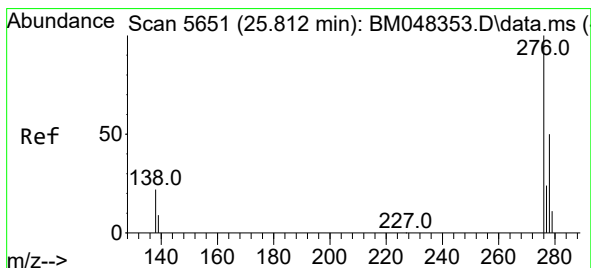
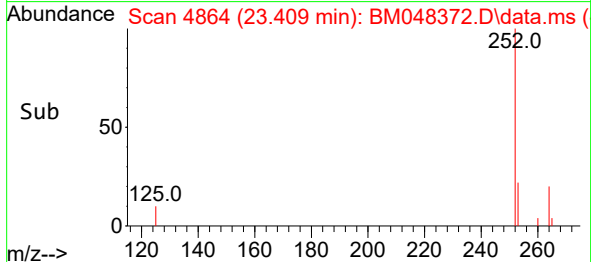
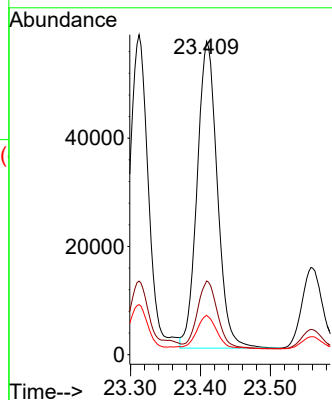


#26
Benzo(a)pyrene
Concen: 1.848 ng/ul
RT: 23.409 min Scan# 41
Delta R.T. -0.031 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Instrument :
BNA_M
ClientSampleId :
F7H39

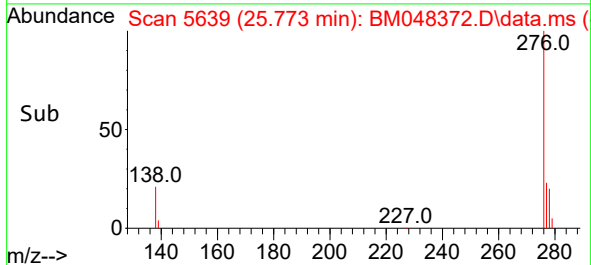
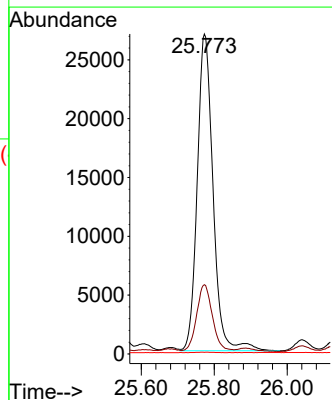
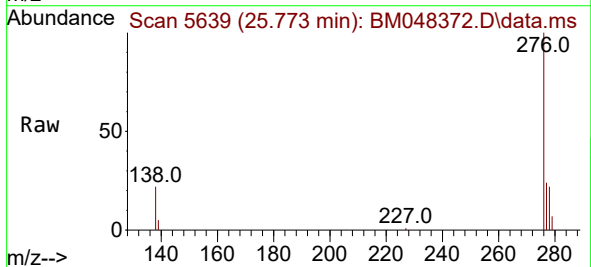


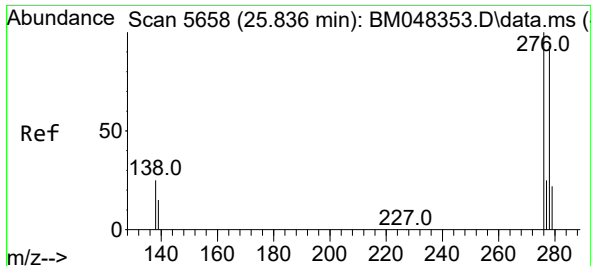
Tgt Ion:252 Resp: 113524
Ion Ratio Lower Upper
252 100
253 23.5 27.7 41.5#
125 12.6 21.1 31.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.945 ng/ul
RT: 25.773 min Scan# 5639
Delta R.T. -0.039 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Tgt Ion:276 Resp: 81180
Ion Ratio Lower Upper
276 100
138 20.7 19.6 29.4
227 0.2 0.1 0.1#

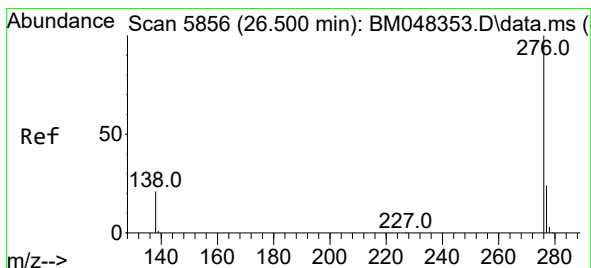
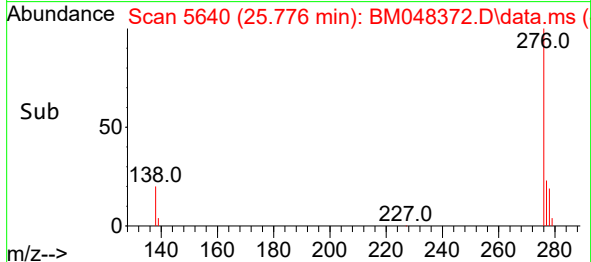
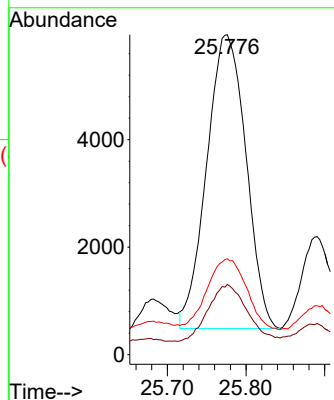
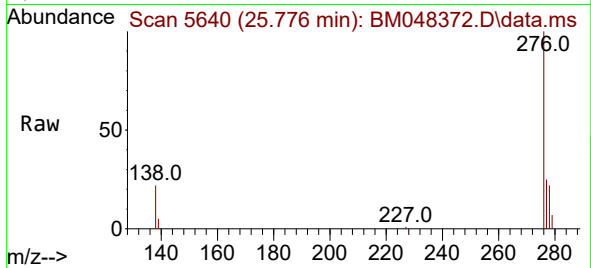




#28
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.060 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 18934
Ion Ratio Lower Upper
278 100
139 21.9 15.6 23.4
279 29.9 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 1.026 ng/ul
RT: 26.467 min Scan# 5846
Delta R.T. -0.033 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Tgt Ion:276 Resp: 74308
Ion Ratio Lower Upper
276 100
138 22.1 19.0 28.6
277 24.1 20.6 31.0

