

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043951.D
 Acq On : 01 Feb 2024 17:37
 Operator : MA/JU
 Sample : P1239-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FC4

Quant Time: Feb 01 23:54:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

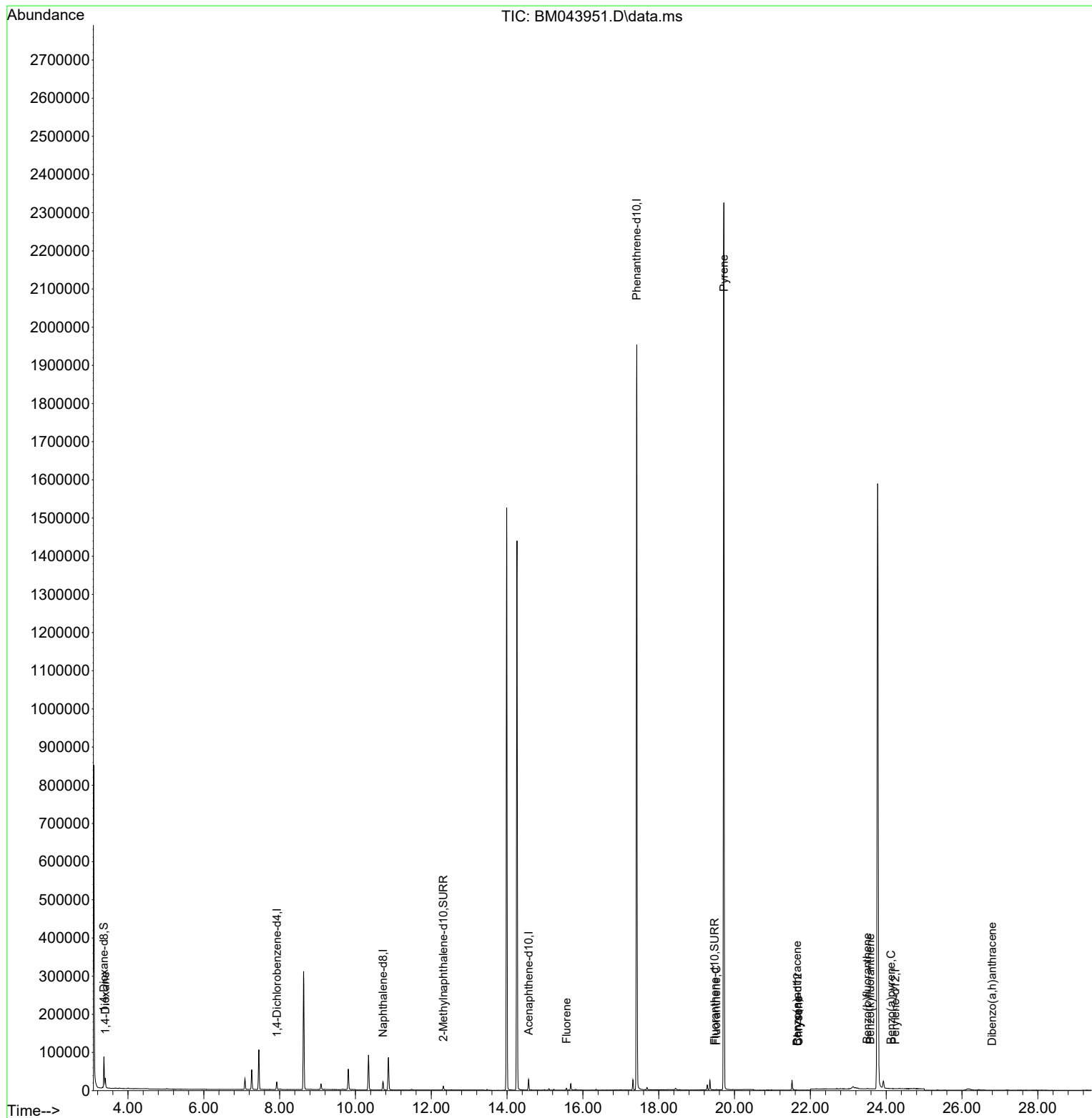
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	10090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	29575	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	14867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.419	188	2198974	0.400	ng/ul	0.10
17) Chrysene-d12	21.663	240	12	0.400	ng/ul	# 0.15
23) Perylene-d12	24.242	264	70	0.400	ng/ul	# 0.31
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	48890	3.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12866	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.470	212	40	1.061	ng/ul	0.12
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	15182	1.115	ng/ul	92
12) Fluorene	15.565	166	4201	0.068	ng/ul#	16
19) Fluoranthene	19.517	202	22	0.398	ng/ul#	1
20) Pyrene	19.717	202	4291	75.497	ng/ul#	1
21) Benzo(a)anthracene	21.652	228	6	0.120	ng/ul#	1
22) Chrysene	21.687	228	21	0.400	ng/ul#	1
24) Benzo(b)fluoranthene	23.499	252	52	0.194	ng/ul#	1
25) Benzo(k)fluoranthene	23.584	252	32	0.115	ng/ul#	1
26) Benzo(a)pyrene	24.125	252	13	0.053	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.792	278	10	0.040	ng/ul#	1

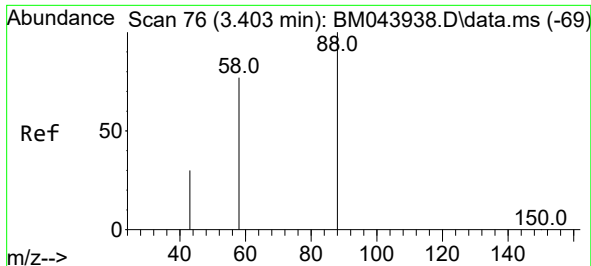
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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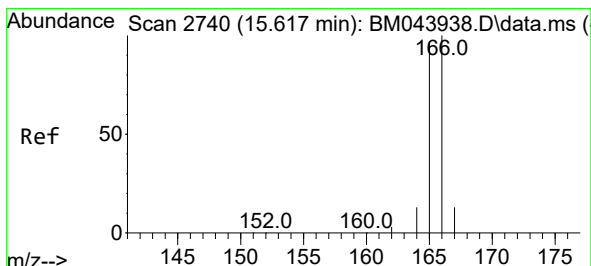
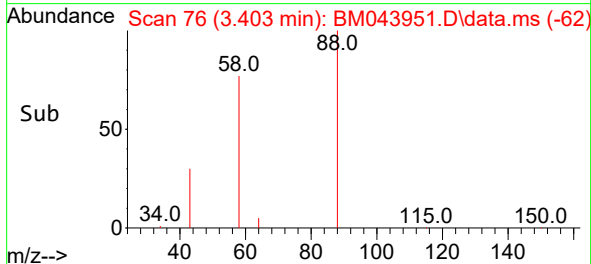
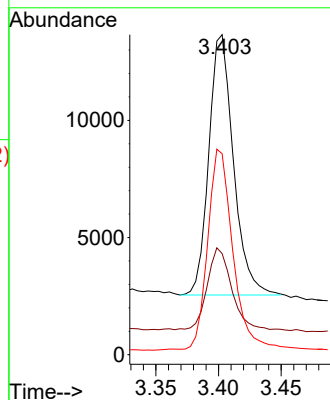
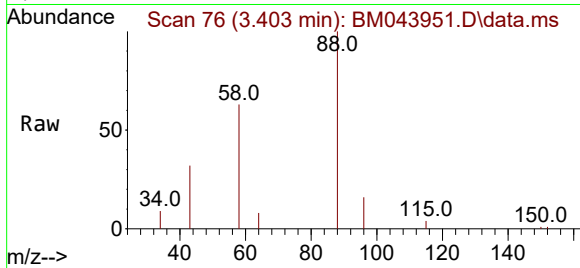




#2
1,4-Dioxane
Concen: 1.115 ng/ul
RT: 3.403 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

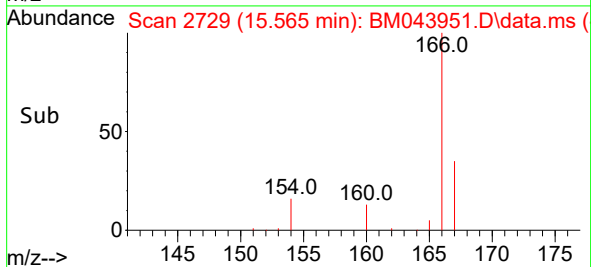
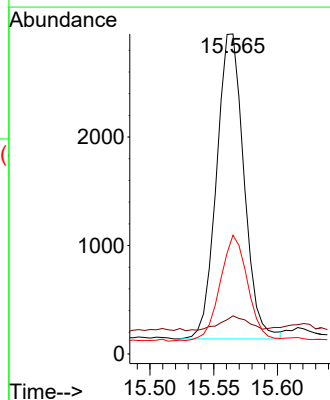
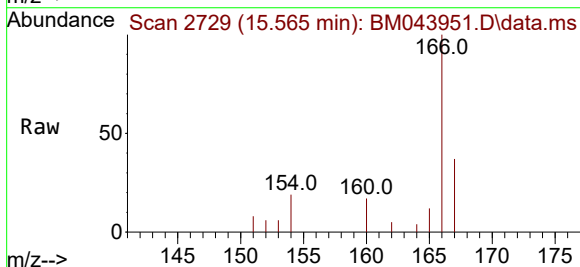
Instrument :
BNA_M
ClientSampleId :
C0FC4

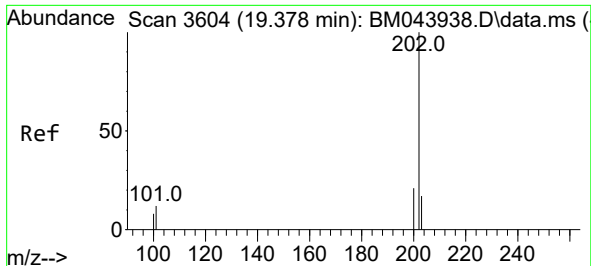
Tgt Ion: 88 Resp: 15182
Ion Ratio Lower Upper
88 100
43 31.6 27.1 40.7
58 62.8 44.6 67.0



#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.565 min Scan# 2729
Delta R.T. -0.051 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

Tgt Ion: 166 Resp: 4201
Ion Ratio Lower Upper
166 100
165 11.9 79.5 119.3#
167 37.1 10.9 16.3#

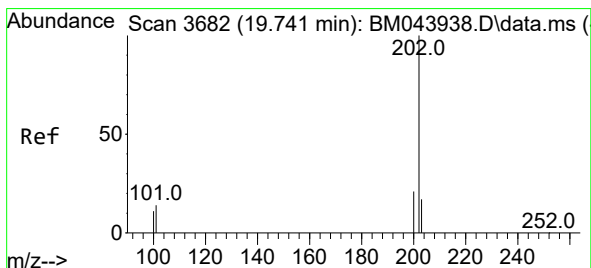
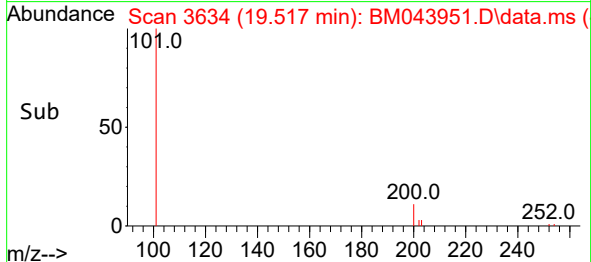
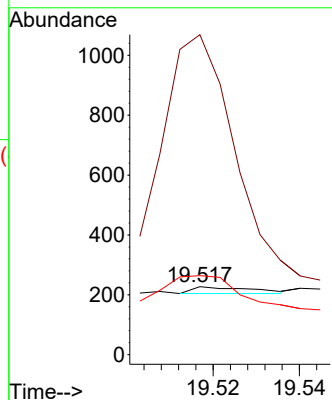
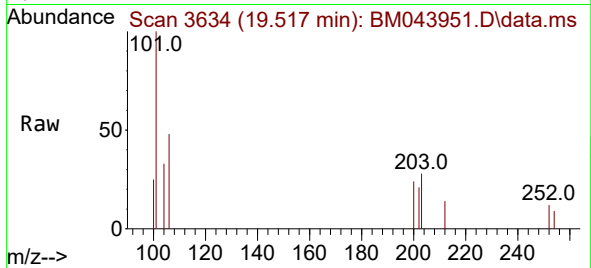




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.517 min Scan# 3634
Delta R.T. 0.135 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

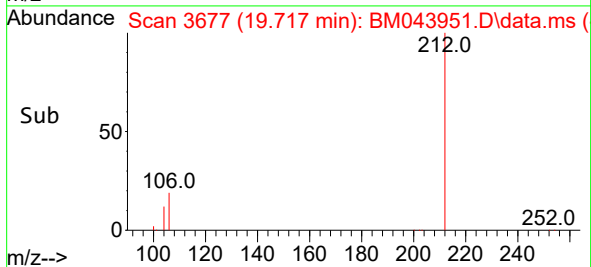
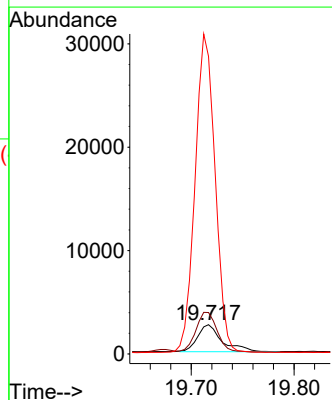
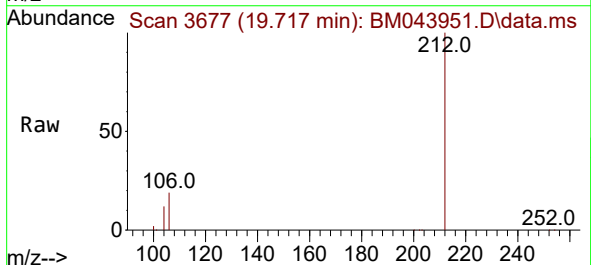
Instrument :
BNA_M
ClientSampleId :
C0FC4

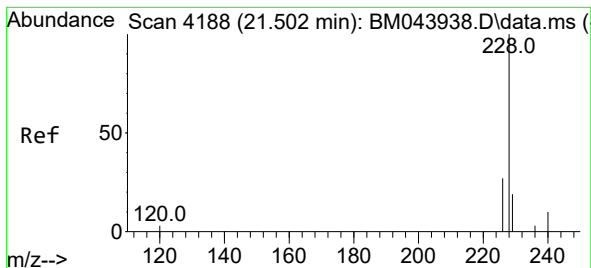
Tgt Ion:202 Resp: 22
Ion Ratio Lower Upper
202 100
101 470.9 8.6 13.0#
100 116.3 6.4 9.6#



#20
Pyrene
Concen: 75.497 ng/ul
RT: 19.717 min Scan# 3677
Delta R.T. -0.028 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

Tgt Ion:202 Resp: 4291
Ion Ratio Lower Upper
202 100
101 141.9 10.3 15.5#
100 1019.2 8.1 12.1#





#21

Benzo(a)anthracene

Concen: 0.120 ng/ul

RT: 21.652 min Scan# 41

Delta R.T. 0.152 min

Lab File: BM043951.D

Acq: 01 Feb 2024 17:37

Instrument :

BNA_M

ClientSampleId :

C0FC4

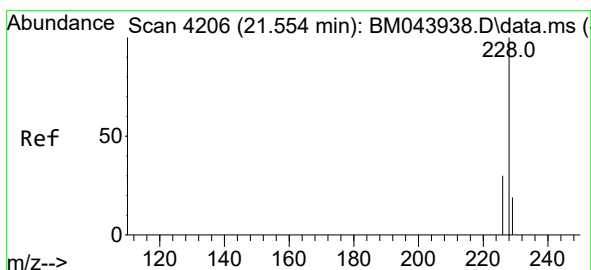
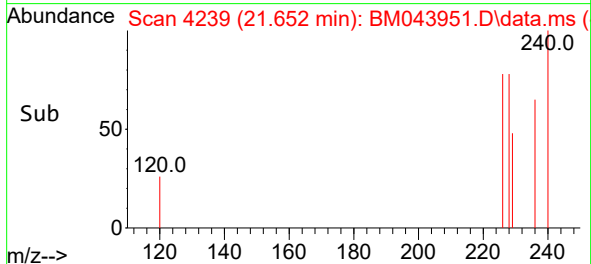
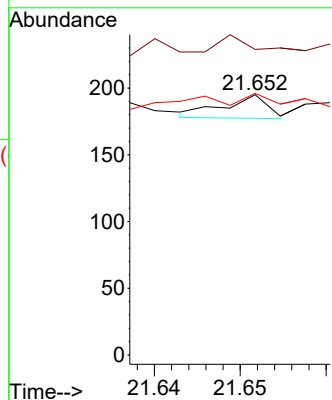
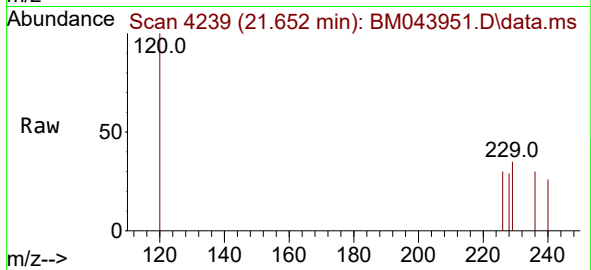
Tgt Ion:228 Resp: 6

Ion Ratio Lower Upper

228 100

229 117.4 15.5 23.3#

226 100.5 22.3 33.5#



#22

Chrysene

Concen: 0.400 ng/ul

RT: 21.687 min Scan# 4251

Delta R.T. 0.134 min

Lab File: BM043951.D

Acq: 01 Feb 2024 17:37

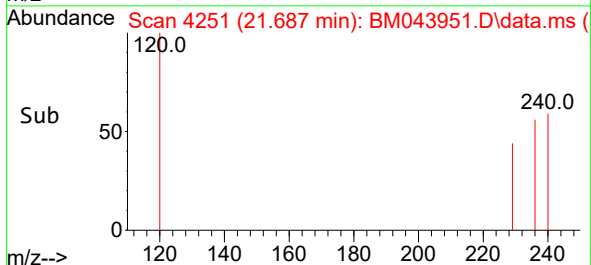
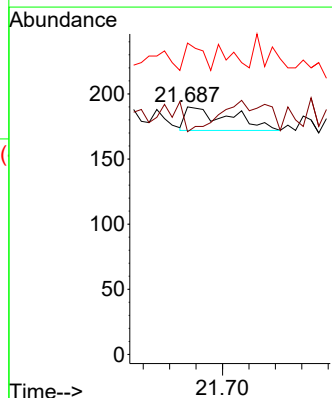
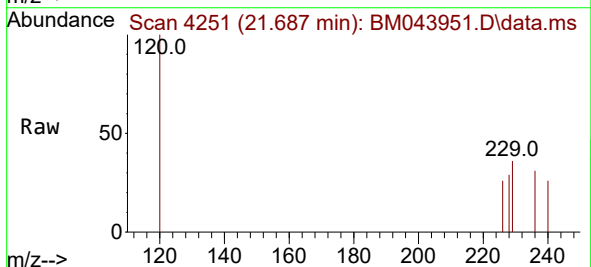
Tgt Ion:228 Resp: 21

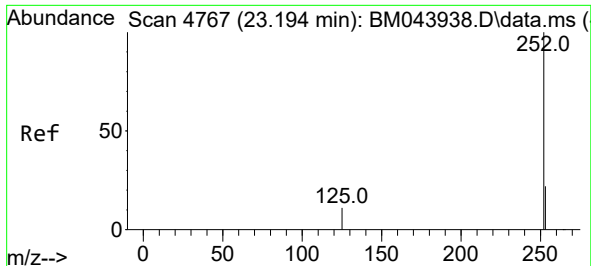
Ion Ratio Lower Upper

228 100

226 90.0 24.4 36.6#

229 125.8 15.5 23.3#

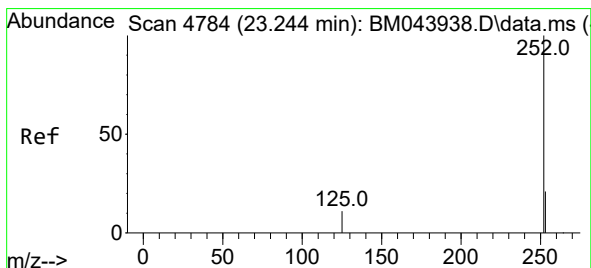
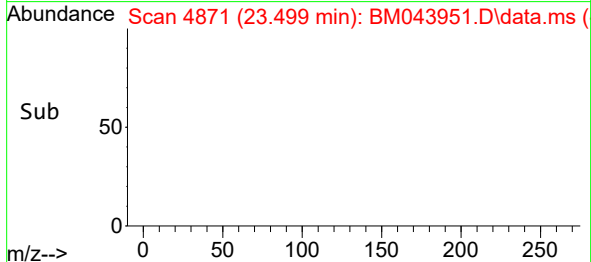
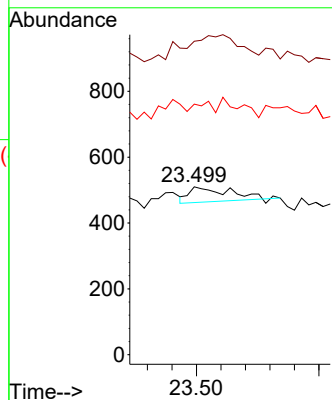
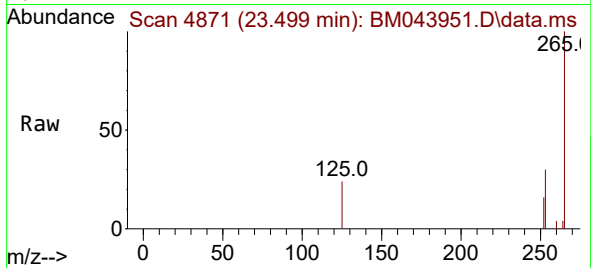




#24
Benzo(b)fluoranthene
Concen: 0.194 ng/ul
RT: 23.499 min Scan# 41
Delta R.T. 0.307 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

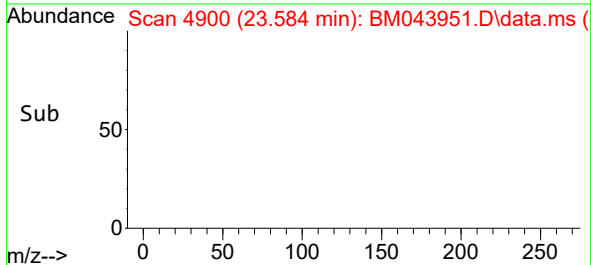
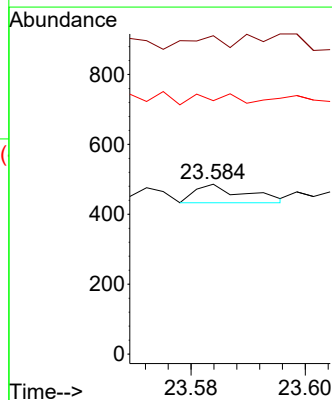
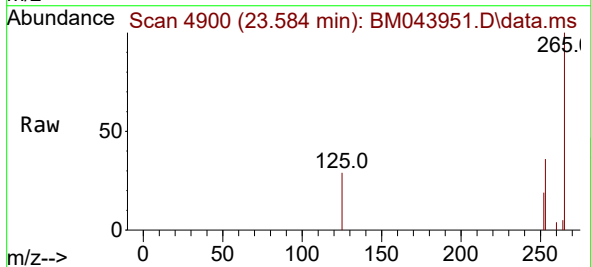
Instrument :
BNA_M
ClientSampleId :
C0FC4

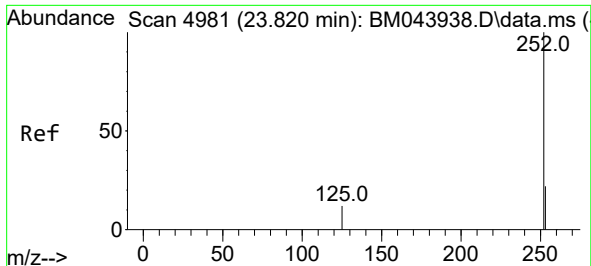
Tgt Ion:252 Resp: 52
Ion Ratio Lower Upper
252 100
253 186.7 0.0 50.0#
125 149.2 0.0 26.4#



#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul
RT: 23.584 min Scan# 4900
Delta R.T. 0.342 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

Tgt Ion:252 Resp: 32
Ion Ratio Lower Upper
252 100
253 187.4 19.7 29.5#
125 149.2 10.6 16.0#

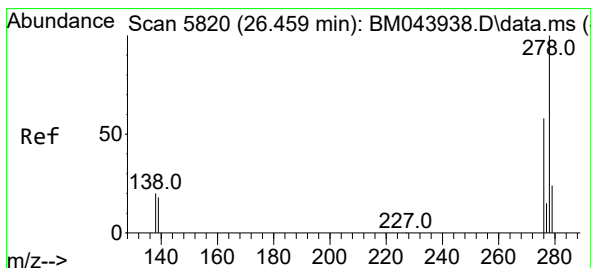
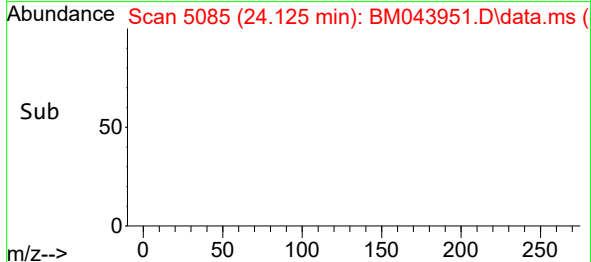
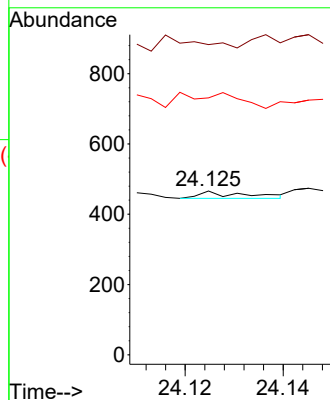
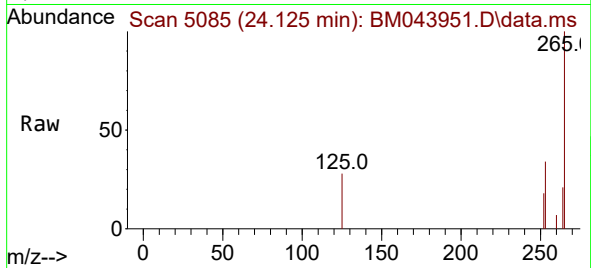




#26
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 24.125 min Scan# 5085
Delta R.T. 0.304 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

Instrument :
BNA_M
ClientSampleId :
C0FC4

Tgt Ion:252 Resp: 13
Ion Ratio Lower Upper
252 100
253 189.5 20.6 31.0#
125 156.9 12.6 18.8#



#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 26.792 min Scan# 5919
Delta R.T. 0.335 min
Lab File: BM043951.D
Acq: 01 Feb 2024 17:37

Tgt Ion:278 Resp: 10
Ion Ratio Lower Upper
278 100
139 253.0 16.2 24.2#
279 302.0 21.7 32.5#

