

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042652.D
 Acq On : 08 Nov 2023 16:46
 Operator : MA/JU
 Sample : 04848-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 22:55:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

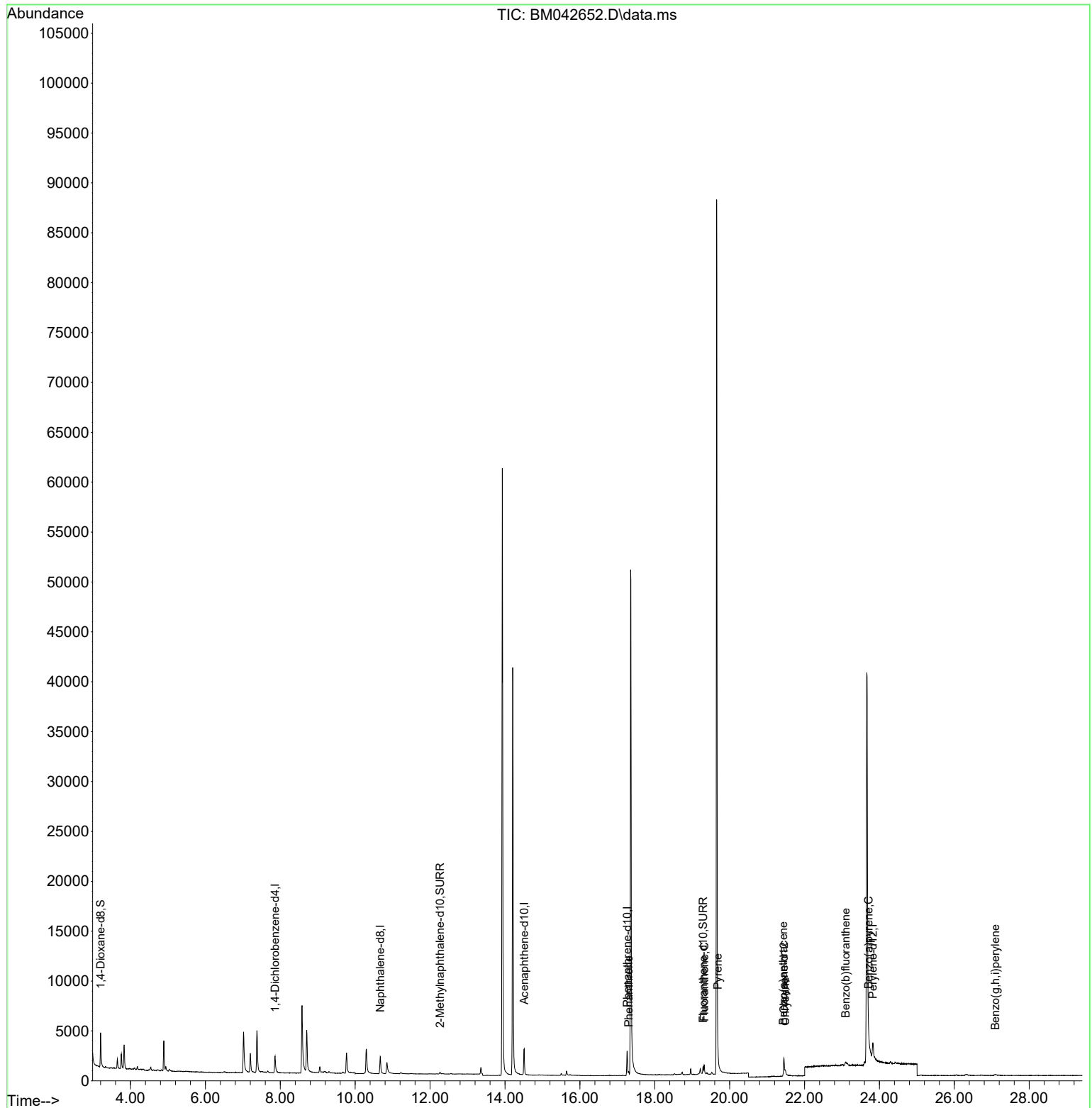
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	1113	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.667	136	2576	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.511	164	1445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	3104	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	2243	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	2769	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	2105	1.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	308	0.086	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	793	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.302	178	352	0.029	ng/ul#	63
19) Fluoranthene	19.323	202	905	0.065	ng/ul#	83
20) Pyrene	19.681	202	1042	0.068	ng/ul#	66
21) Benzo(a)anthracene	21.435	228	438	0.044	ng/ul#	64
22) Chrysene	21.485	228	403	0.039	ng/ul#	70
24) Benzo(b)fluoranthene	23.095	252	592	0.053	ng/ul#	27
26) Benzo(a)pyrene	23.715	252	395	0.034	ng/ul#	20
29) Benzo(g,h,i)perylene	27.093	276	280	0.020	ng/ul#	24

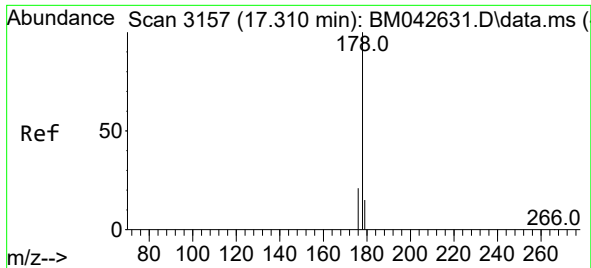
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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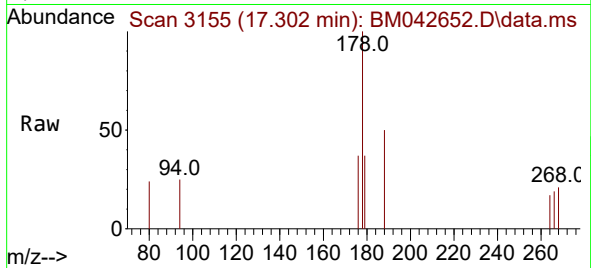
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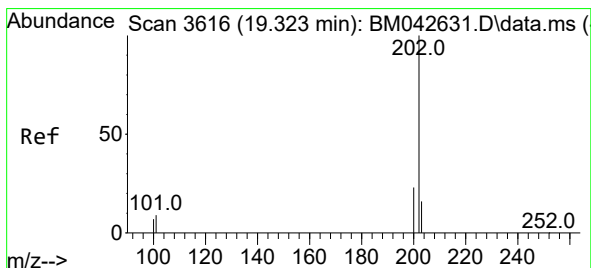
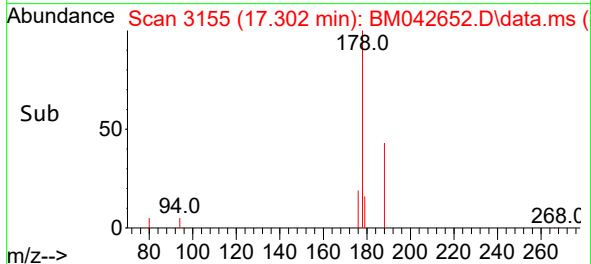
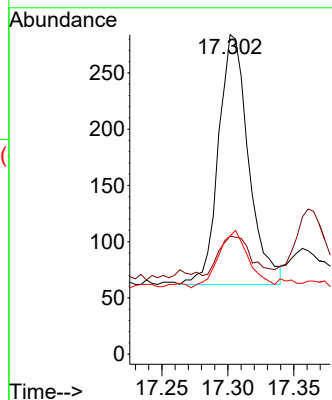


#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.302 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BM042652.D
Acq: 08 Nov 2023 16:46

Instrument :
BNA_M
ClientSampleId :

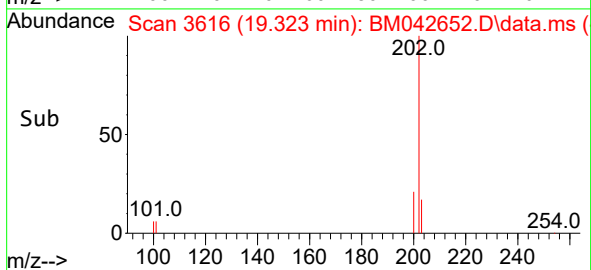
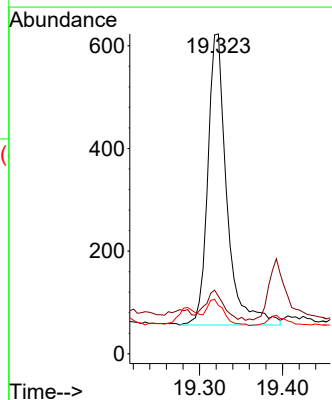
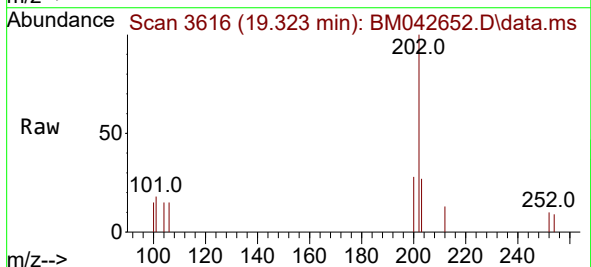


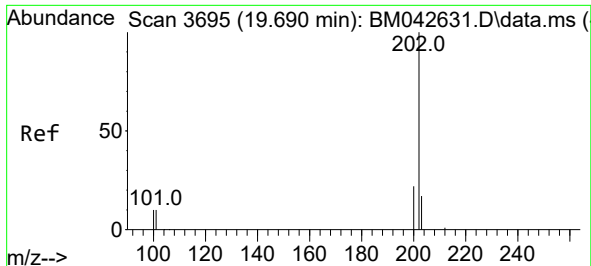
Tgt Ion:178 Resp: 352
Ion Ratio Lower Upper
178 100
179 37.0 13.7 20.5#
176 37.0 18.2 27.2#



#19
Fluoranthene
Concen: 0.065 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042652.D
Acq: 08 Nov 2023 16:46

Tgt Ion:202 Resp: 905
Ion Ratio Lower Upper
202 100
101 18.0 9.0 13.6#
100 15.1 7.3 10.9#

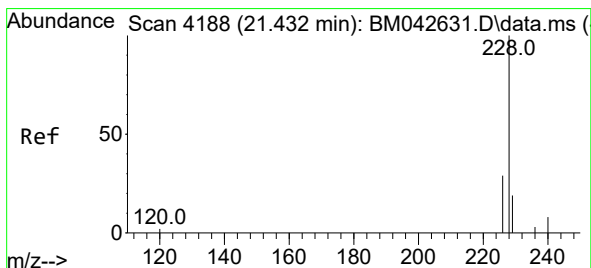
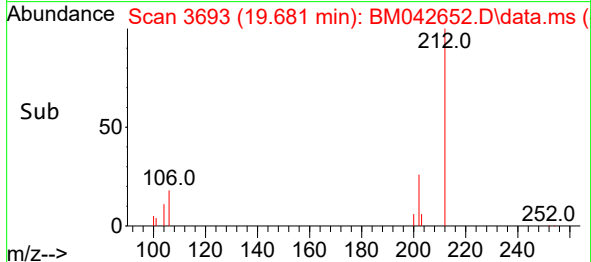
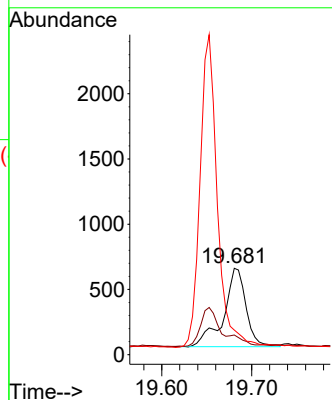
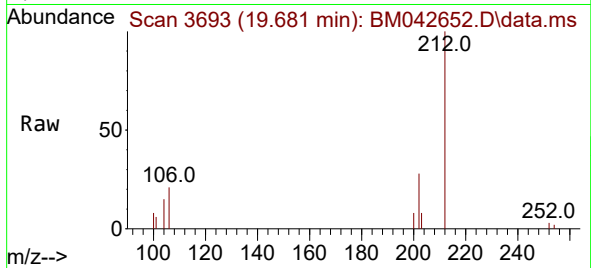




#20
Pyrene
Concen: 0.068 ng/ul
RT: 19.681 min Scan# 3693
Delta R.T. -0.016 min
Lab File: BM042652.D
Acq: 08 Nov 2023 16:46

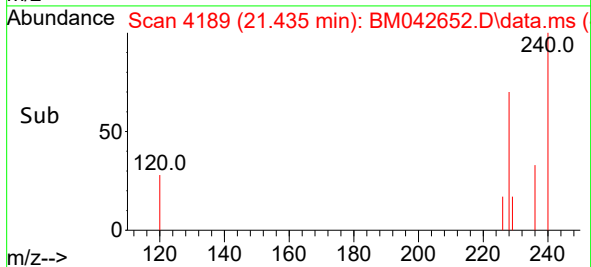
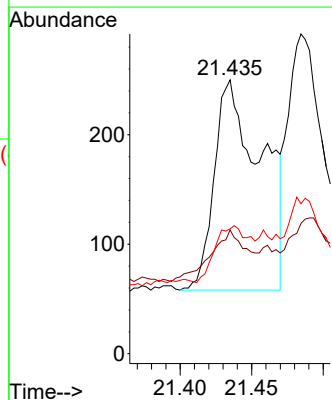
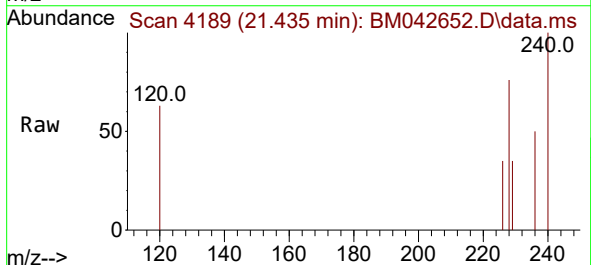
Instrument :
BNA_M
ClientSampleId :

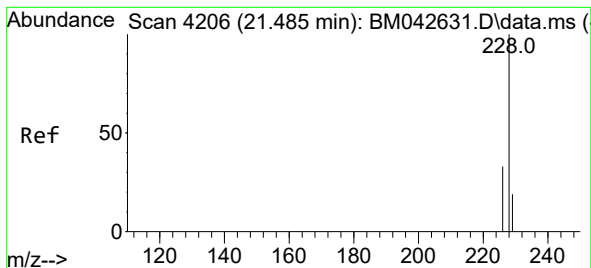
Tgt Ion:202 Resp: 1042
Ion Ratio Lower Upper
202 100
101 22.7 10.6 16.0#
100 28.4 8.6 13.0#



#21
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.435 min Scan# 4189
Delta R.T. -0.002 min
Lab File: BM042652.D
Acq: 08 Nov 2023 16:46

Tgt Ion:228 Resp: 438
Ion Ratio Lower Upper
228 100
229 45.2 17.0 25.4#
226 45.6 25.2 37.8#





#22

Chrysene

Concen: 0.039 ng/ul

RT: 21.485 min Scan# 41

Delta R.T. -0.008 min

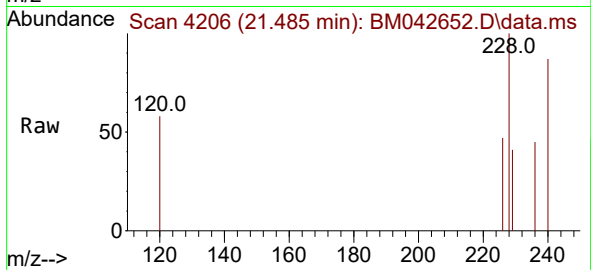
Lab File: BM042652.D

Acq: 08 Nov 2023 16:46

Instrument :

BNA_M

ClientSampleId :



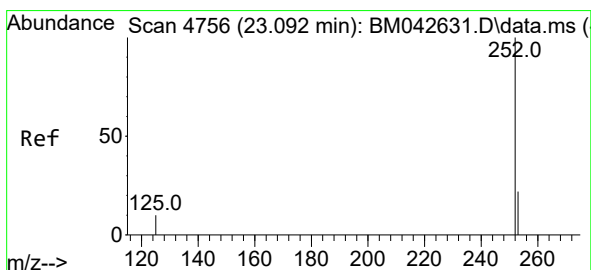
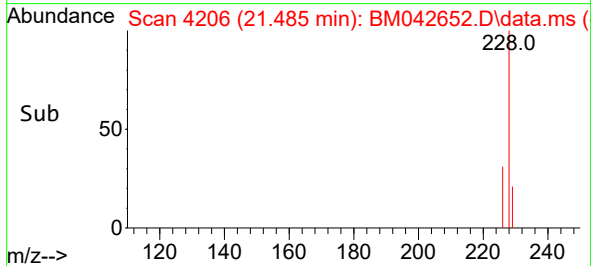
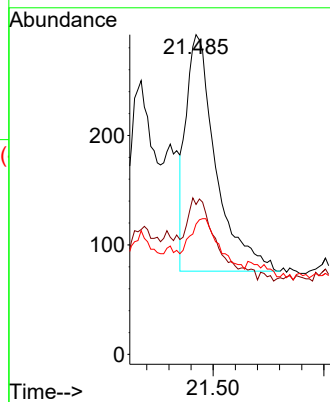
Tgt Ion:228 Resp: 403

Ion Ratio Lower Upper

228 100

226 46.9 27.4 41.0#

229 40.8 17.0 25.6#



#24

Benzo(b)fluoranthene

Concen: 0.053 ng/ul

RT: 23.095 min Scan# 4757

Delta R.T. -0.005 min

Lab File: BM042652.D

Acq: 08 Nov 2023 16:46

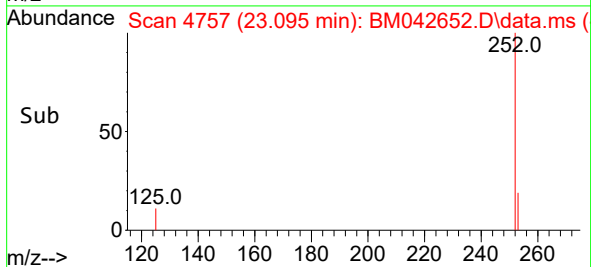
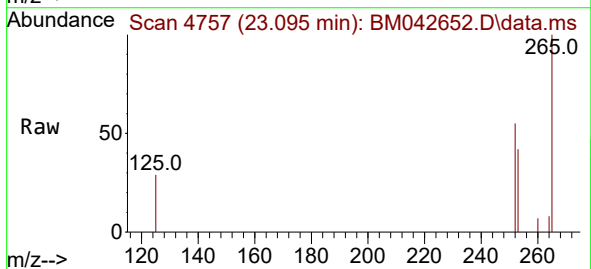
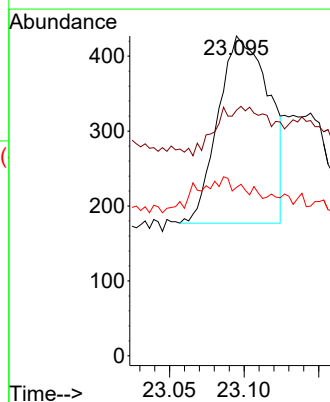
Tgt Ion:252 Resp: 592

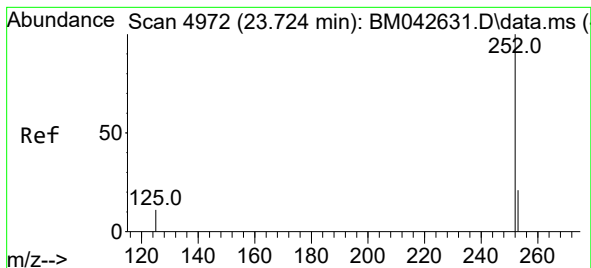
Ion Ratio Lower Upper

252 100

253 76.8 0.0 65.8#

125 52.7 0.0 43.6#





#26

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.715 min Scan# 4972

Delta R.T. -0.019 min

Lab File: BM042652.D

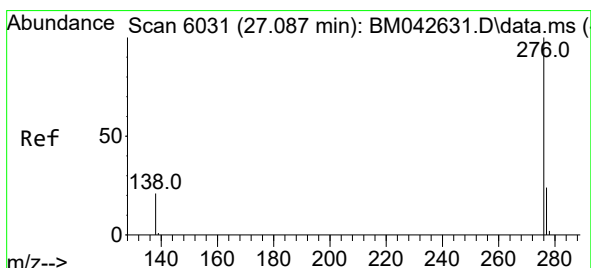
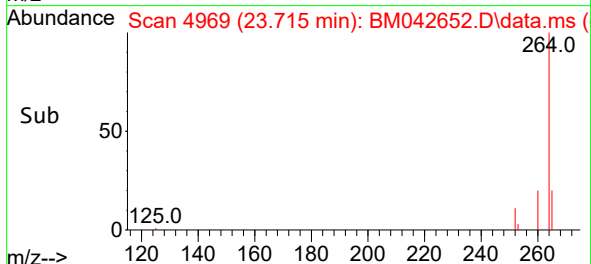
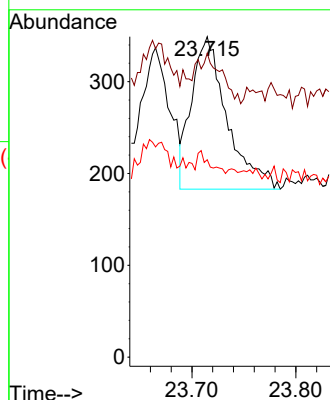
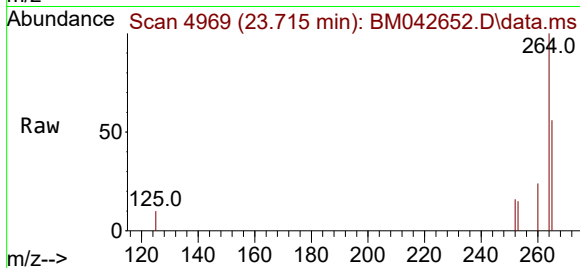
Acq: 08 Nov 2023 16:46

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	395
Ion Ratio	Lower	Upper
252	100	
253	94.8	31.7 47.5#
125	61.6	22.1 33.1#



#29

Benzo(g,h,i)perylene

Concen: 0.020 ng/ul

RT: 27.093 min Scan# 6033

Delta R.T. -0.012 min

Lab File: BM042652.D

Acq: 08 Nov 2023 16:46

Tgt Ion:276	Resp:	280
Ion Ratio	Lower	Upper
276	100	
138	68.2	22.3 33.5#
277	69.8	23.6 35.4#

