

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040843.D
 Acq On : 12 Jul 2023 19:15
 Operator : MA/JU
 Sample : 03414-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G0RE

Quant Time: Jul 13 00:13:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

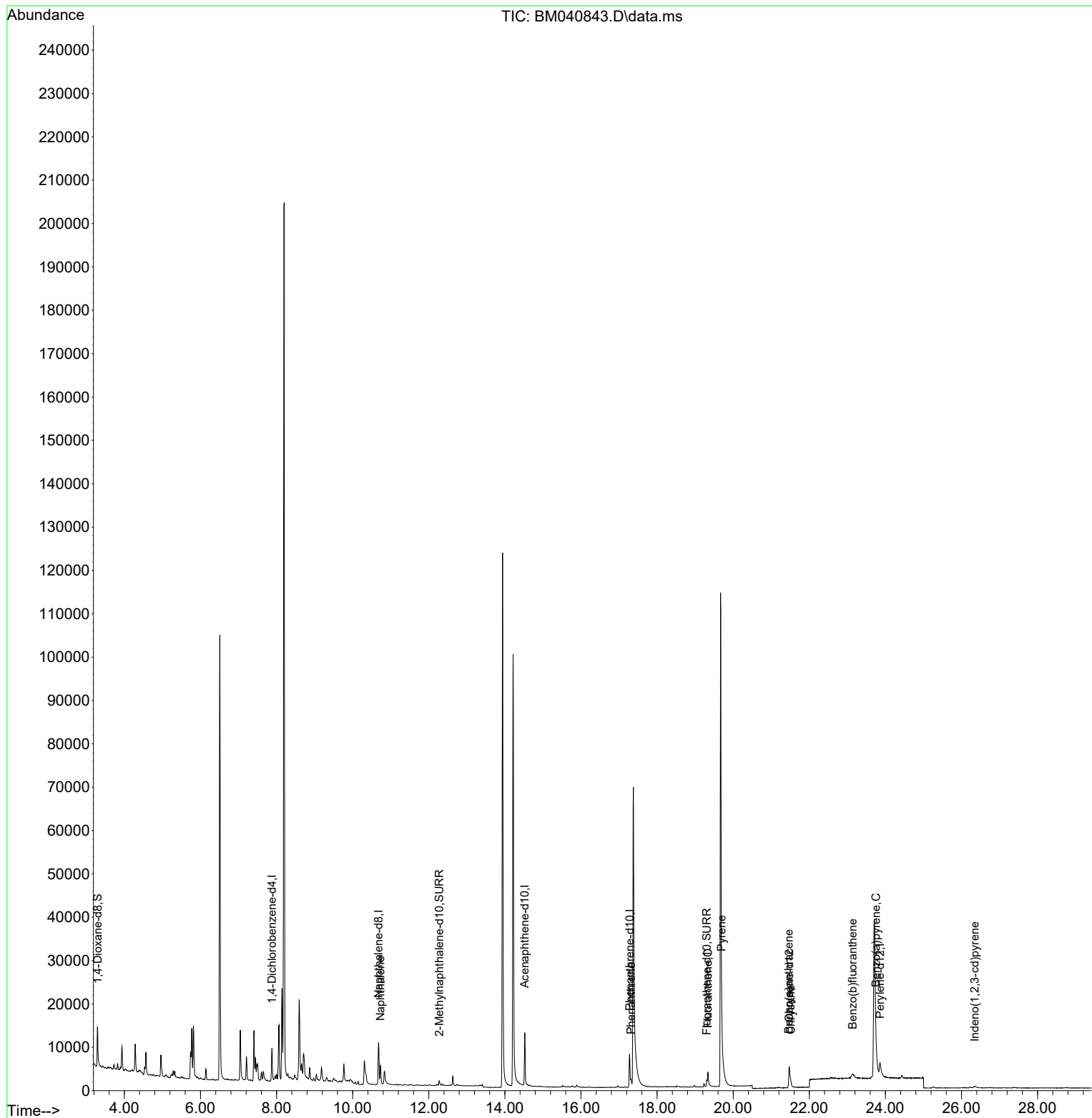
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	14969	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	7064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	11229	0.400	ng/ul	-0.01
17) Chrysene-d12	21.474	240	7072	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	5284	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	5884	0.964	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	1869	0.089	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	2304	0.102	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	6419	0.155	ng/ul	95
15) Phenanthrene	17.316	178	1499	0.043	ng/ul#	79
19) Fluoranthene	19.338	202	3703	0.123	ng/ul#	93
20) Pyrene	19.696	202	3360	0.104	ng/ul#	67
21) Benzo(a)anthracene	21.457	228	1212	0.051	ng/ul#	78
22) Chrysene	21.509	228	1506	0.055	ng/ul#	82
24) Benzo(b)fluoranthene	23.137	252	1913	0.094	ng/ul#	28
26) Benzo(a)pyrene	23.751	252	834	0.045	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.344	276	1016	0.040	ng/ul#	89

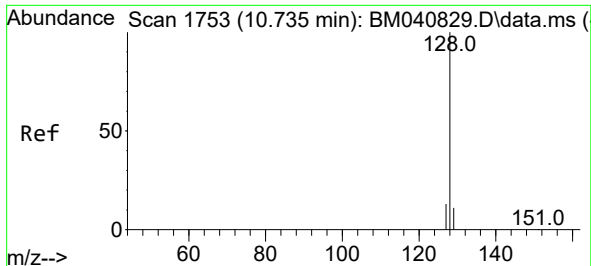
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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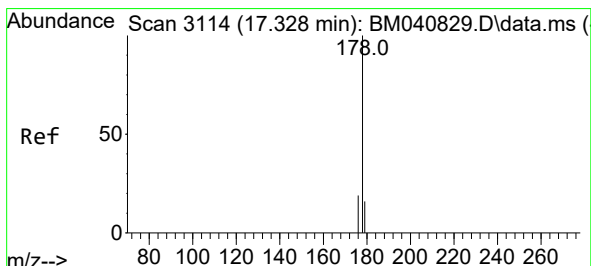
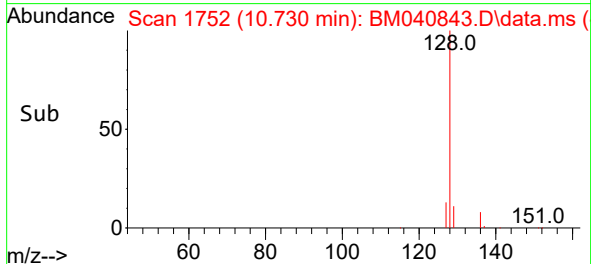
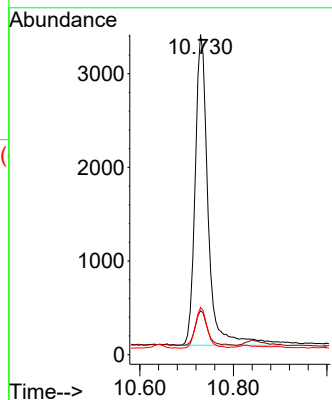
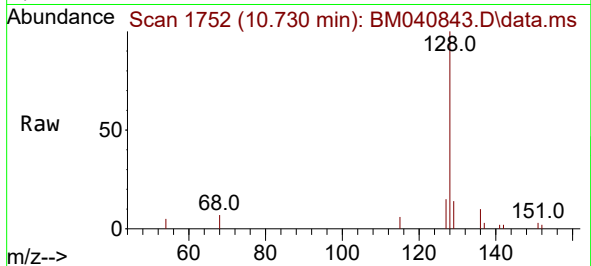




#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.730 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

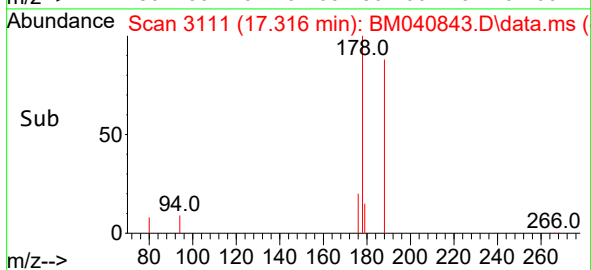
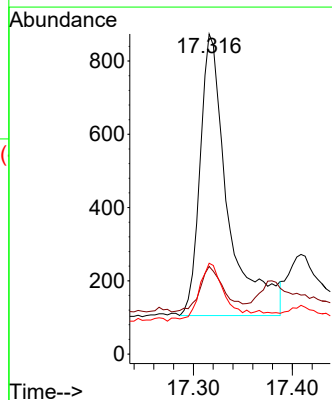
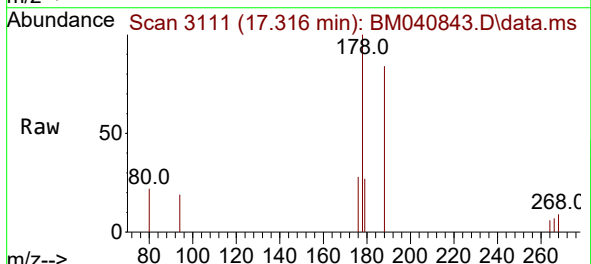
Instrument :
BNA_M
ClientSampleId :
A46G0RE

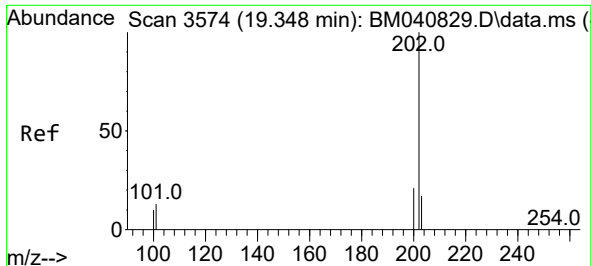
Tgt Ion:128 Resp: 6419
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.8 10.6 15.8



#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

Tgt Ion:178 Resp: 1499
Ion Ratio Lower Upper
178 100
179 27.3 12.8 19.2#
176 28.4 16.4 24.6#

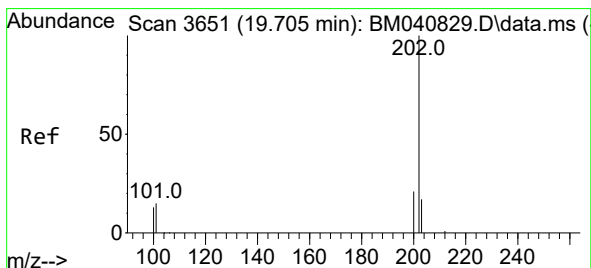
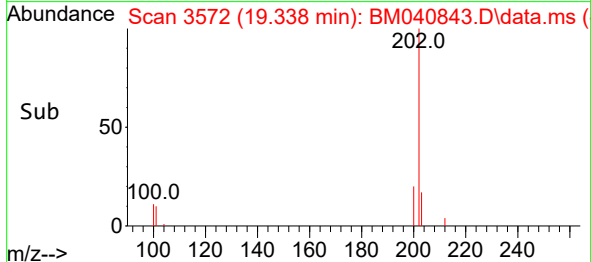
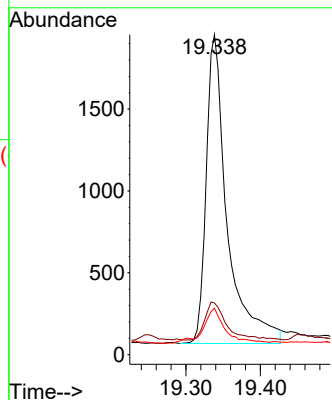
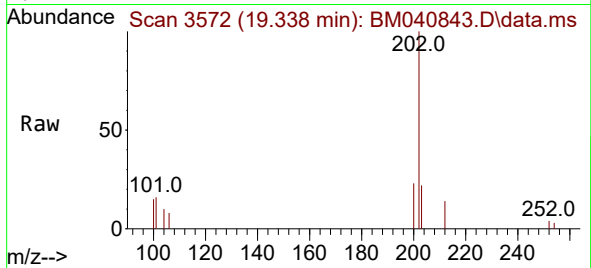




#19
Fluoranthene
Concen: 0.123 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

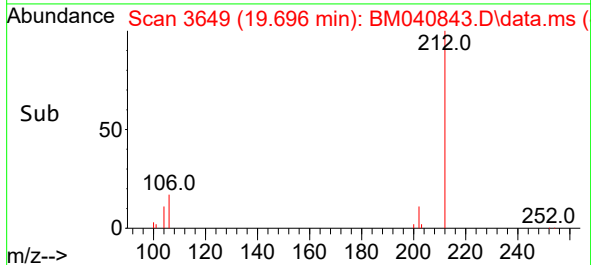
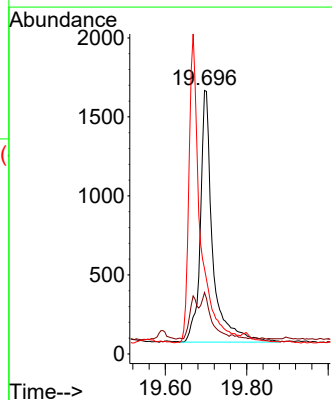
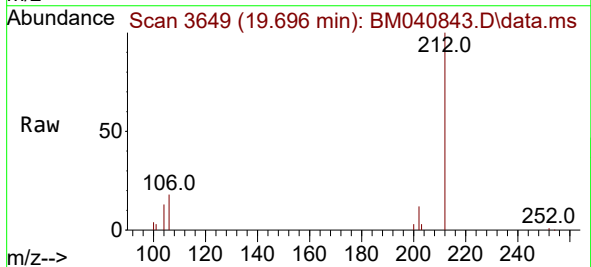
Instrument :
BNA_M
ClientSampleId :
A46G0RE

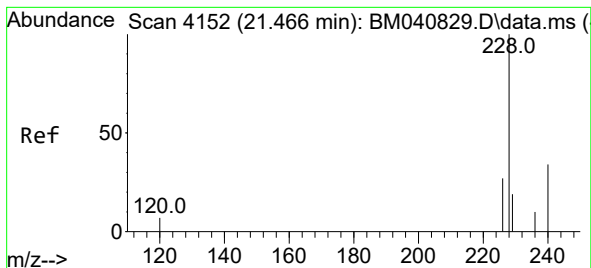
Tgt Ion:202 Resp: 3703
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.0
100 14.5 8.7 13.1#



#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.014 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

Tgt Ion:202 Resp: 3360
Ion Ratio Lower Upper
202 100
101 23.3 12.6 18.8#
100 32.3 9.8 14.6#





#21

Benzo(a)anthracene

Concen: 0.051 ng/ul

RT: 21.457 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM040843.D

Acq: 12 Jul 2023 19:15

Instrument :

BNA_M

ClientSampleId :

A46G0RE

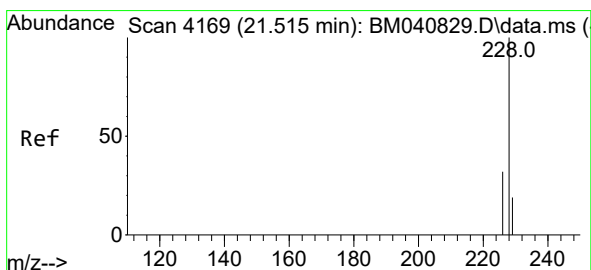
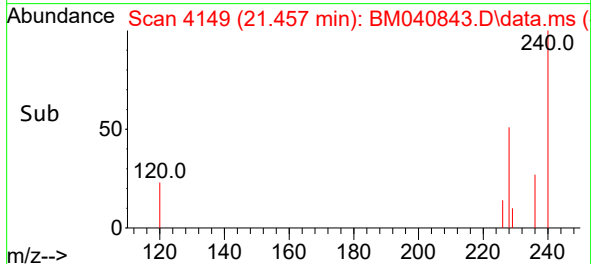
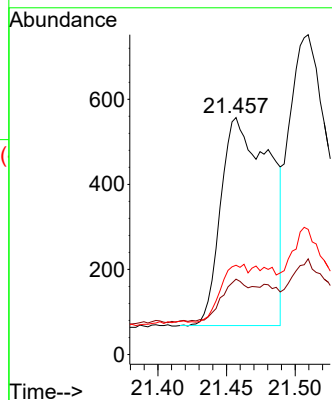
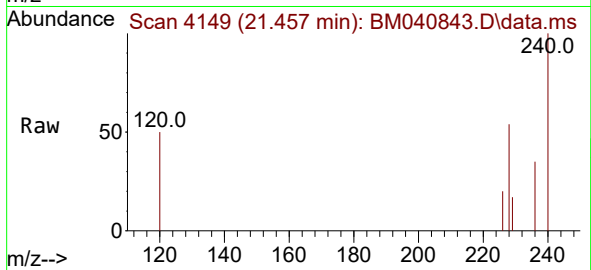
Tgt Ion:228 Resp: 1212

Ion Ratio Lower Upper

228 100

229 31.8 16.0 24.0#

226 37.7 22.3 33.5#



#22

Chrysene

Concen: 0.055 ng/ul

RT: 21.509 min Scan# 4167

Delta R.T. -0.006 min

Lab File: BM040843.D

Acq: 12 Jul 2023 19:15

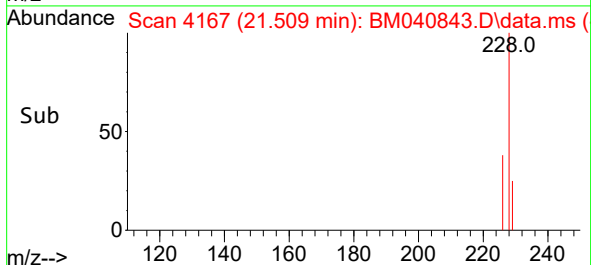
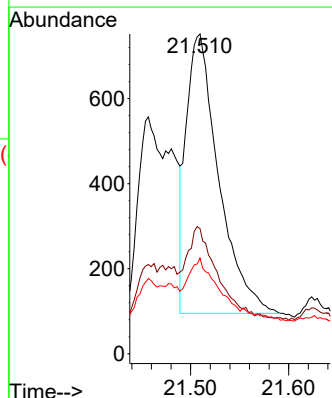
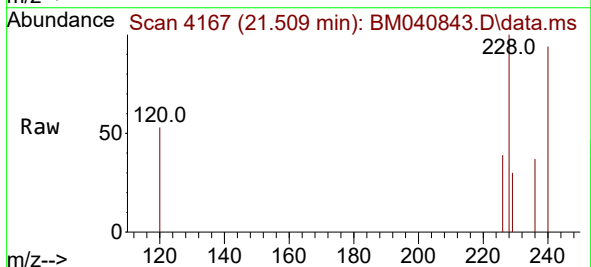
Tgt Ion:228 Resp: 1506

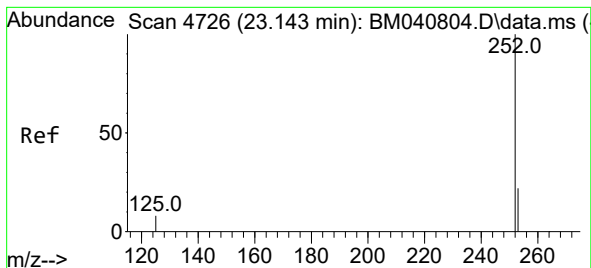
Ion Ratio Lower Upper

228 100

226 39.1 24.9 37.3#

229 29.9 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.094 ng/ul

RT: 23.137 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040843.D

Acq: 12 Jul 2023 19:15

Instrument :

BNA_M

ClientSampleId :

A46G0RE

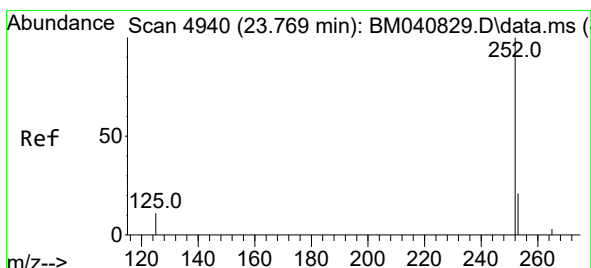
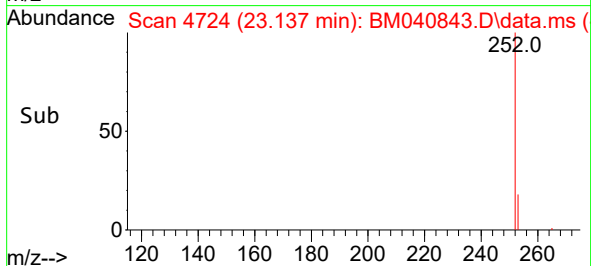
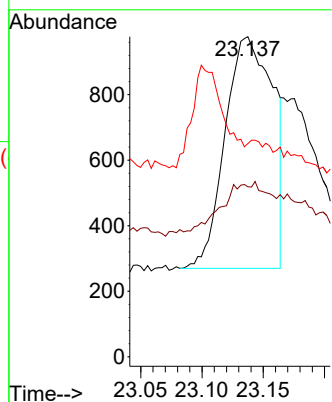
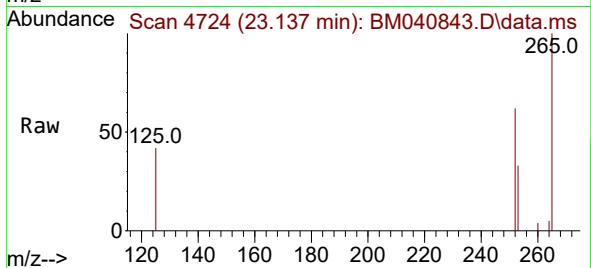
Tgt Ion:252 Resp: 1913

Ion Ratio Lower Upper

252 100

253 53.1 0.0 52.8#

125 66.6 0.0 43.0#



#26

Benzo(a)pyrene

Concen: 0.045 ng/ul

RT: 23.751 min Scan# 4934

Delta R.T. -0.021 min

Lab File: BM040843.D

Acq: 12 Jul 2023 19:15

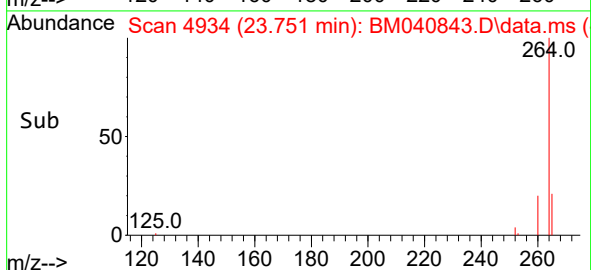
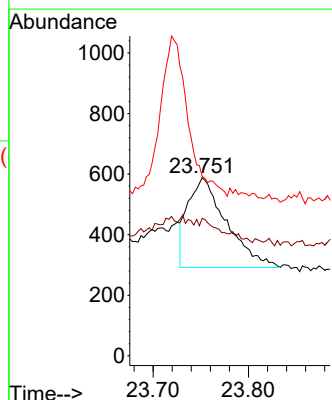
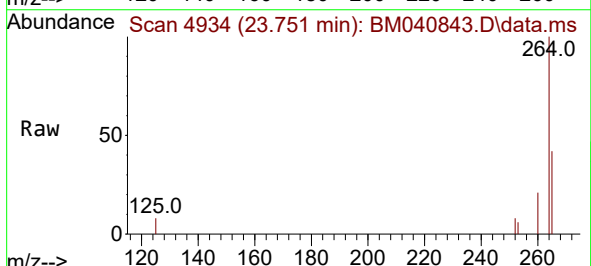
Tgt Ion:252 Resp: 834

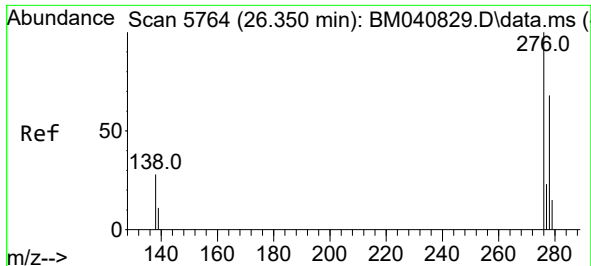
Ion Ratio Lower Upper

252 100

253 77.2 22.9 34.3#

125 100.9 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng/ul

RT: 26.344 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM040843.D

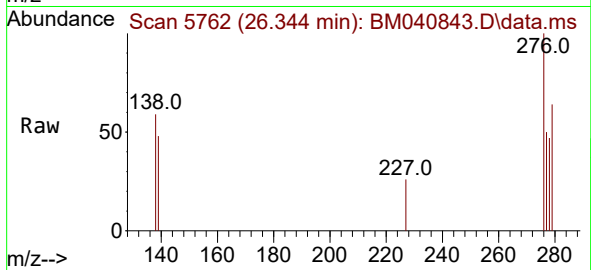
Acq: 12 Jul 2023 19:15

Instrument :

BNA_M

ClientSampleId :

A46G0RE



Tgt Ion: 276 Resp: 1016

Ion Ratio Lower Upper

276 100

138 24.6 24.5 36.7

227 0.4 0.1 0.1#

