

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:15
 Operator : MA/JU
 Sample : 05264-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Quant Time: Nov 27 02:44:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

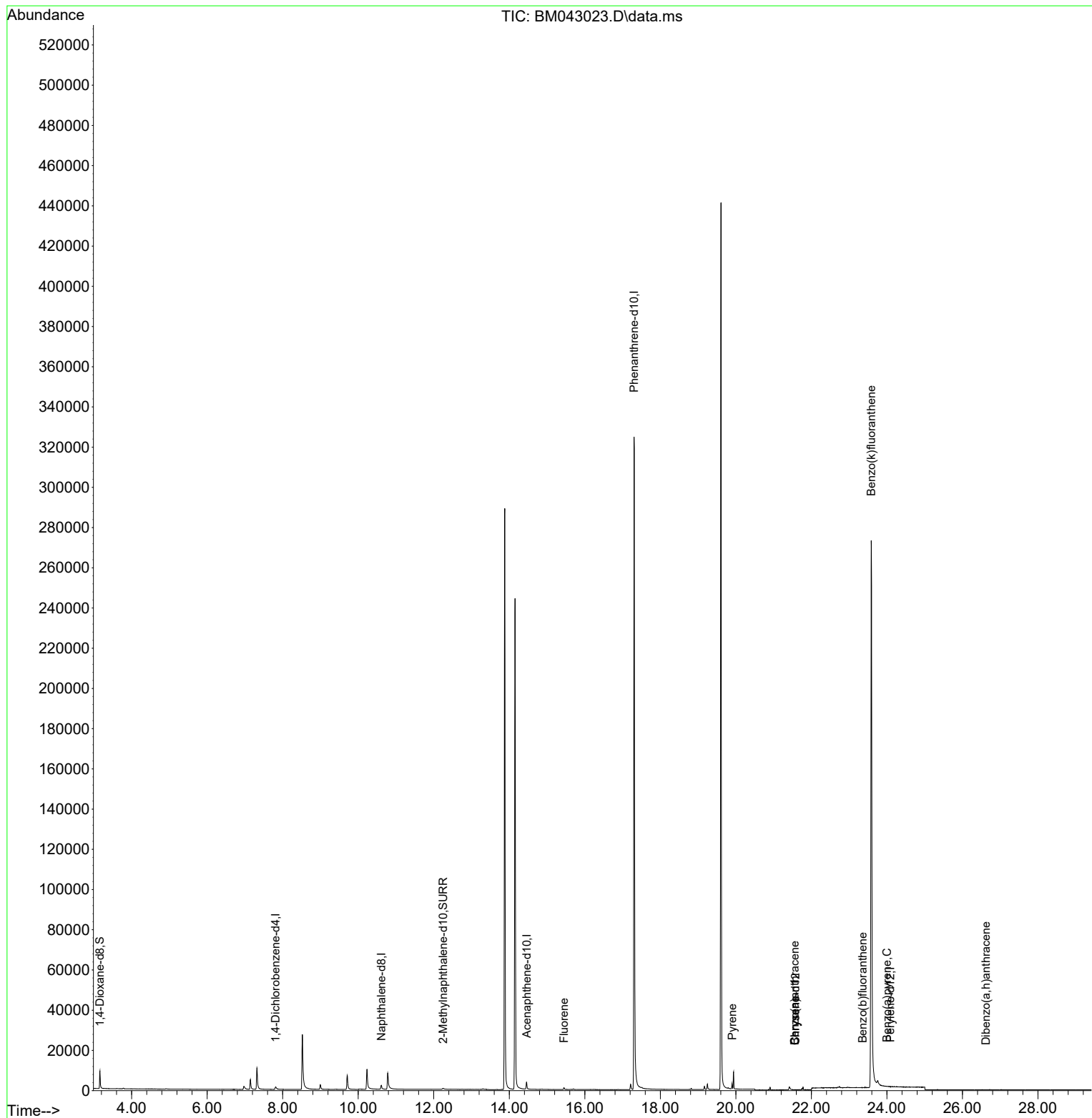
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1008	0.400	ng/ul	#-0.07
4) Naphthalene-d8	10.611	136	3338	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.459	164	1893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	393661	0.400	ng/ul	# 0.07
17) Chrysene-d12	21.578	240	69	0.400	ng/ul	# 0.15
23) Perylene-d12	24.092	264	28	0.400	ng/ul	# 0.31
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	5572	3.603	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	1341	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.451	212	3	0.012	ng/ul	0.19
Target Compounds						
					Qvalue	
12) Fluorene	15.449	166	769	0.102	ng/ul#	20
20) Pyrene	19.902	202	27	0.065	ng/ul#	1
21) Benzo(a)anthracene	21.560	228	15	0.067	ng/ul#	1
22) Chrysene	21.560	228	16	0.038	ng/ul#	1
24) Benzo(b)fluoranthene	23.355	252	5	0.053	ng/ul#	1
25) Benzo(k)fluoranthene	23.586	252	1275	9.798	ng/ul#	59
26) Benzo(a)pyrene	24.001	252	8	0.078	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.621	278	4	0.037	ng/ul#	1

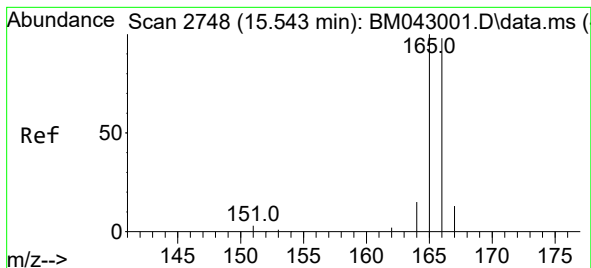
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Fluorene

Concen: 0.102 ng/ul

RT: 15.449 min Scan# 21

Delta R.T. -0.088 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

Instrument :

BNA_M

ClientSampleId :

DCKP8

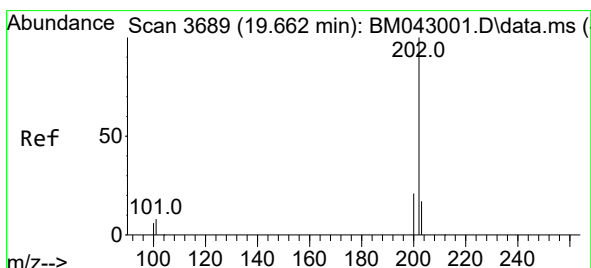
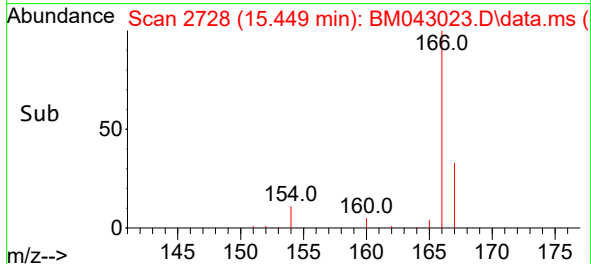
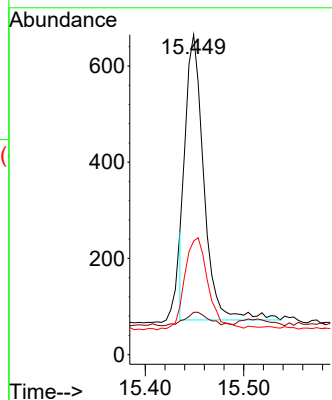
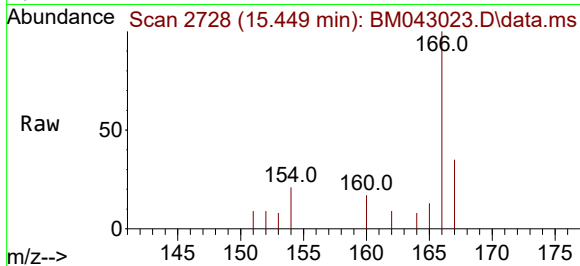
Tgt Ion:166 Resp: 769

Ion Ratio Lower Upper

166 100

165 13.2 79.9 119.9#

167 35.5 14.2 21.4#



#20

Pyrene

Concen: 0.065 ng/ul

RT: 19.902 min Scan# 3741

Delta R.T. 0.241 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

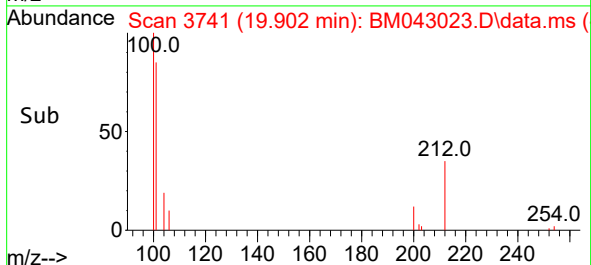
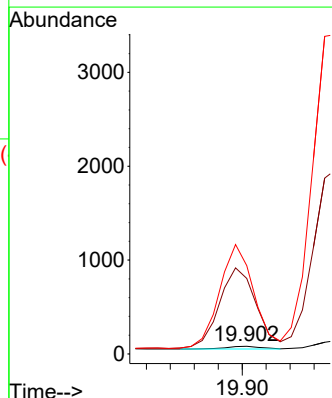
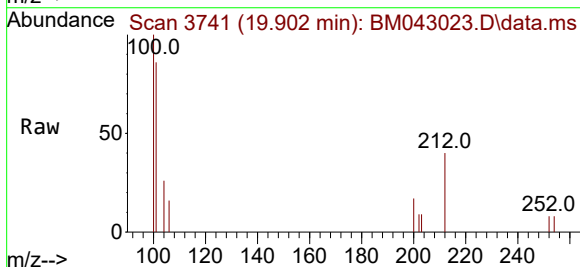
Tgt Ion:202 Resp: 27

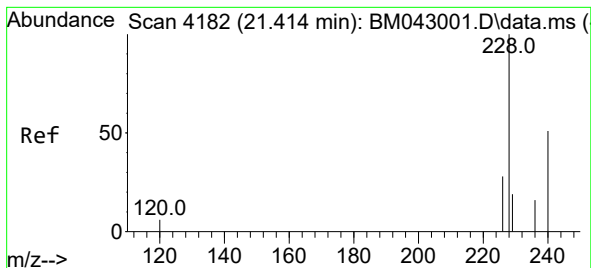
Ion Ratio Lower Upper

202 100

101 981.7 8.7 13.1#

100 1147.6 7.8 11.8#





#21

Benzo(a)anthracene

Concen: 0.067 ng/ul

RT: 21.560 min Scan# 4182

Delta R.T. 0.149 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

Instrument :

BNA_M

ClientSampleId :

DCKP8

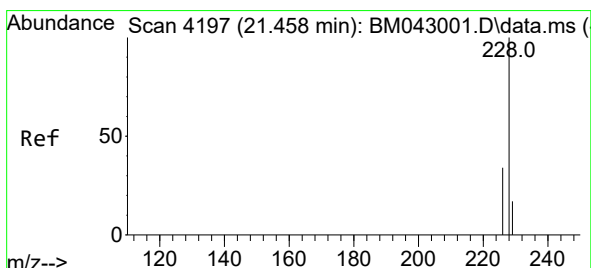
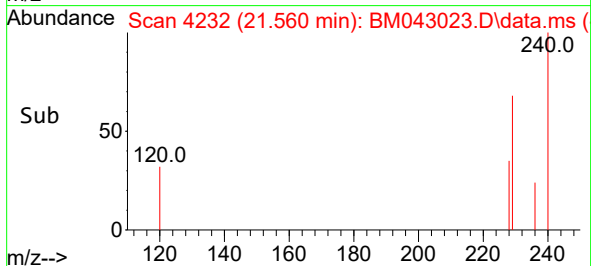
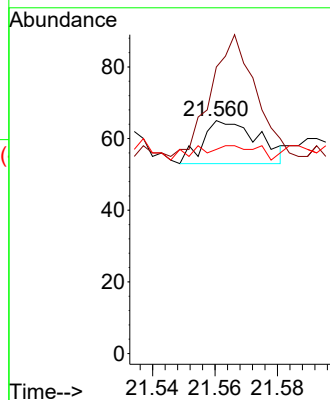
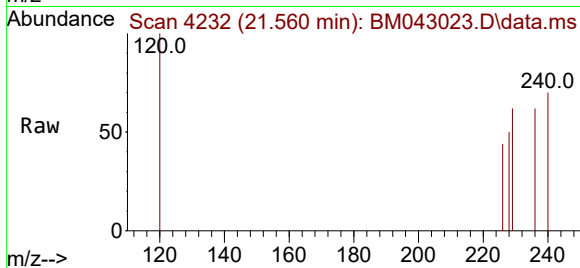
Tgt Ion:228 Resp: 15

Ion Ratio Lower Upper

228 100

229 123.1 19.4 29.0#

226 87.7 24.9 37.3#



#22

Chrysene

Concen: 0.038 ng/ul

RT: 21.560 min Scan# 4232

Delta R.T. 0.102 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

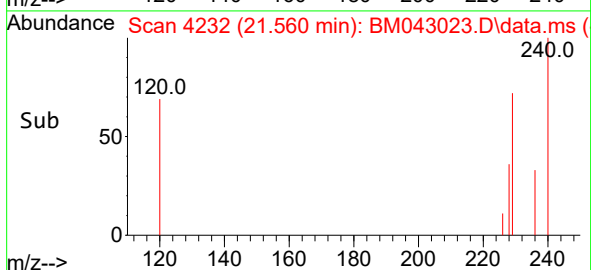
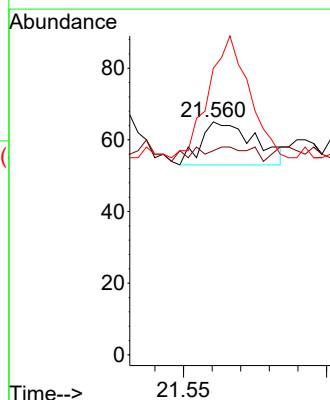
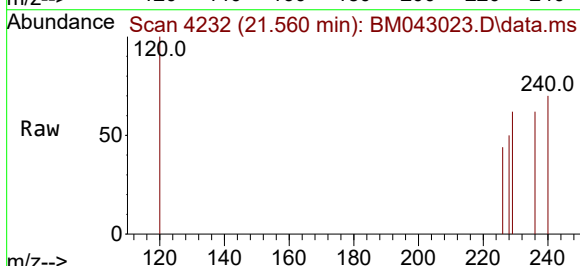
Tgt Ion:228 Resp: 16

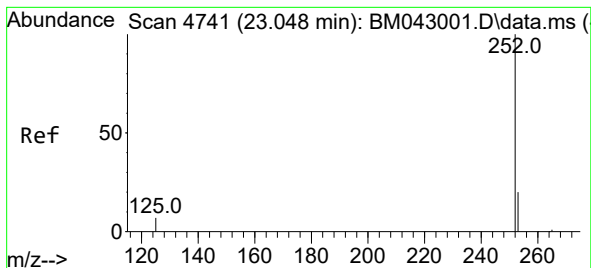
Ion Ratio Lower Upper

228 100

226 87.7 27.2 40.8#

229 123.1 18.0 27.0#





#24

Benzo(b)fluoranthene

Concen: 0.053 ng/ul

RT: 23.355 min Scan# 41

Delta R.T. 0.304 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

Instrument :

BNA_M

ClientSampleId :

DCKP8

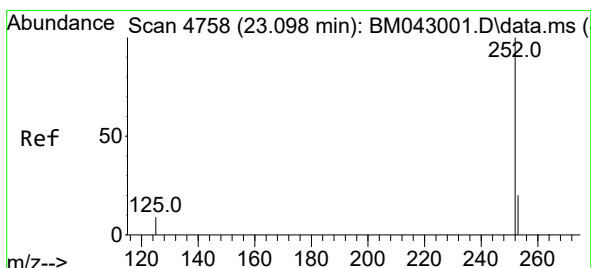
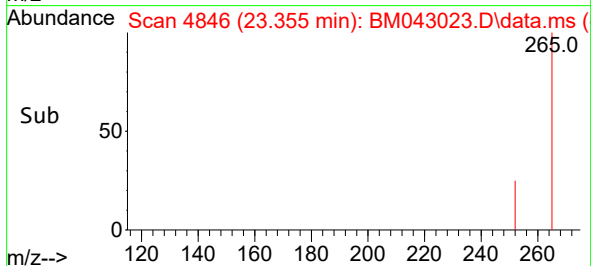
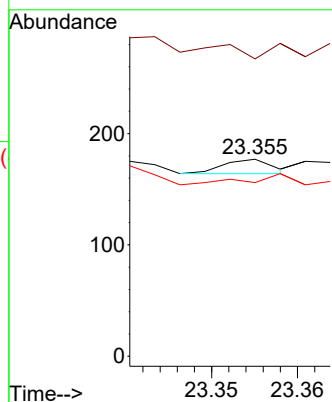
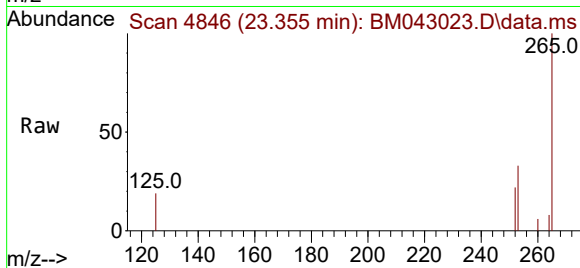
Tgt Ion:252 Resp: 5

Ion Ratio Lower Upper

252 100

253 150.8 0.0 71.8#

125 88.1 0.0 29.0#



#25

Benzo(k)fluoranthene

Concen: 9.798 ng/ul

RT: 23.586 min Scan# 4925

Delta R.T. 0.488 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

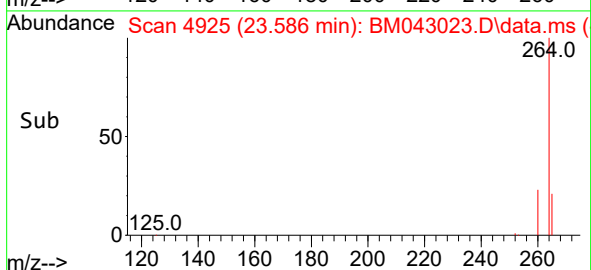
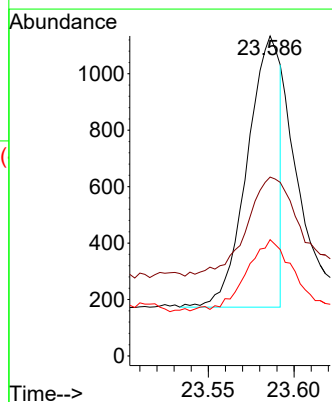
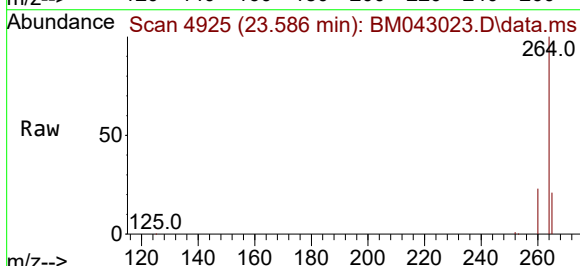
Tgt Ion:252 Resp: 1275

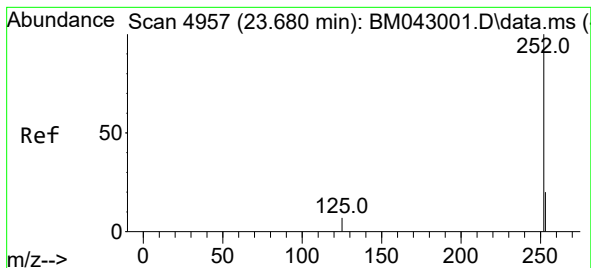
Ion Ratio Lower Upper

252 100

253 55.9 28.2 42.2#

125 36.3 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.078 ng/ul

RT: 24.001 min Scan# 5067

Delta R.T. 0.315 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

Instrument :

BNA_M

ClientSampleId :

DCKP8

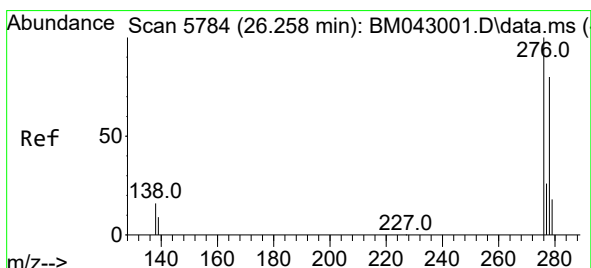
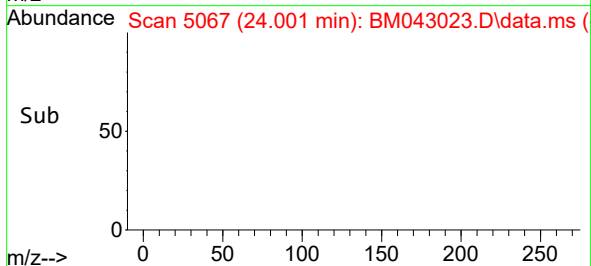
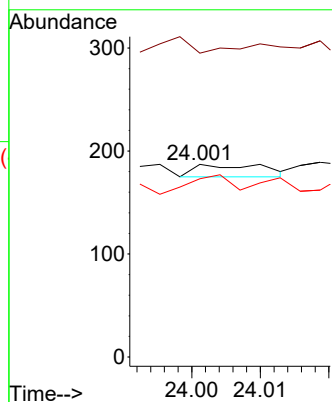
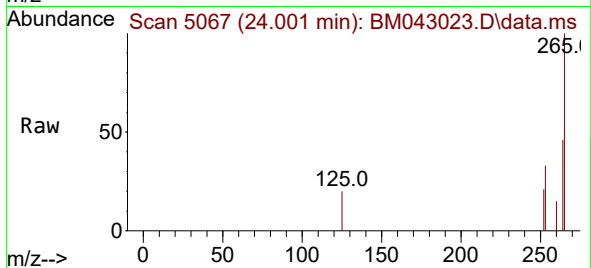
Tgt Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 157.8 36.6 55.0#

125 92.5 16.2 24.4#



#28

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul

RT: 26.621 min Scan# 5892

Delta R.T. 0.345 min

Lab File: BM043023.D

Acq: 25 Nov 2023 19:15

Tgt Ion:278 Resp: 4

Ion Ratio Lower Upper

278 100

139 100.0 18.1 27.1#

279 208.5 34.4 51.6#

