

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040046.D
 Acq On : 26 May 2023 20:51
 Operator : CG/JU
 Sample : 02851-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FK3

Quant Time: May 27 00:12:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

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

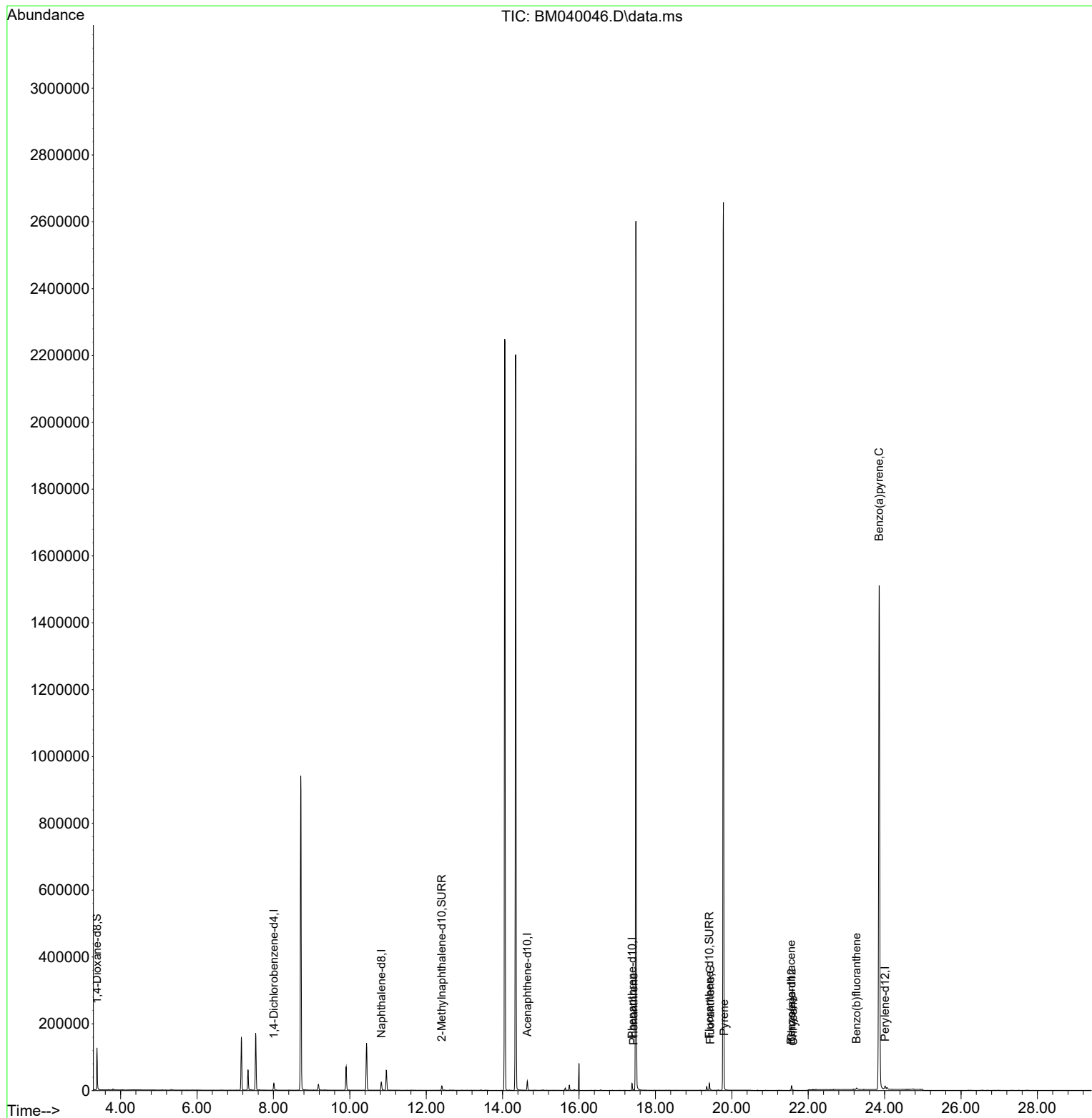
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	10058	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	33231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	14809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	23403	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	11993	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	14564	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	75450	6.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	17247	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	19851	0.550	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.429	178	2365	0.036	ng/ul#	89
19) Fluoranthene	19.440	202	2785	0.052	ng/ul#	90
20) Pyrene	19.802	202	2535	0.046	ng/ul#	81
21) Benzo(a)anthracene	21.550	228	925	0.023	ng/ul#	75
22) Chrysene	21.602	228	1265	0.029	ng/ul#	84
24) Benzo(b)fluoranthene	23.263	252	1974	0.034	ng/ul#	1
26) Benzo(a)pyrene	23.856	252	9390	0.194	ng/ul#	76

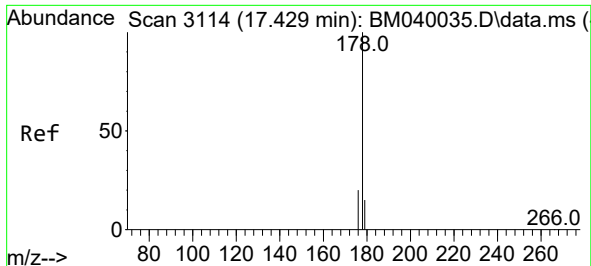
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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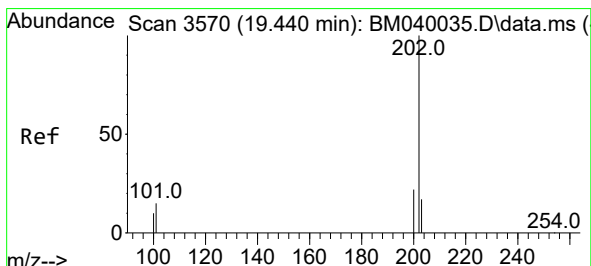
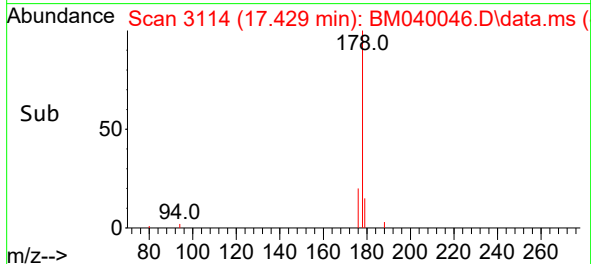
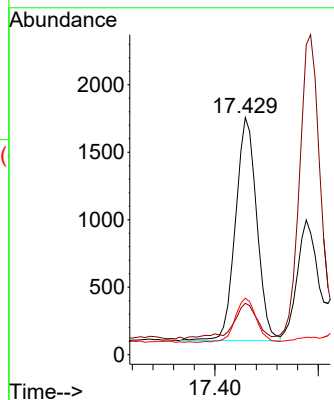
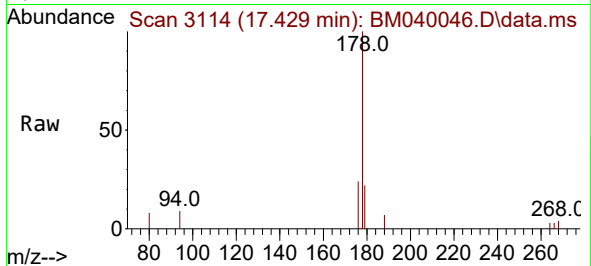




#15
Phenanthrene
Concen: 0.036 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040046.D
Acq: 26 May 2023 20:51

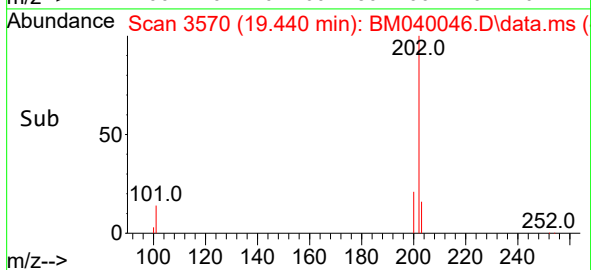
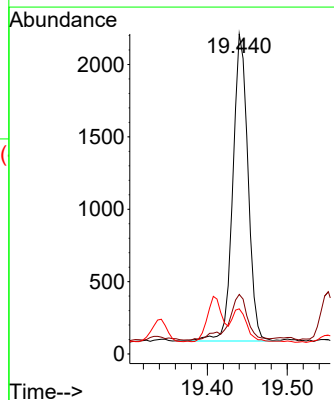
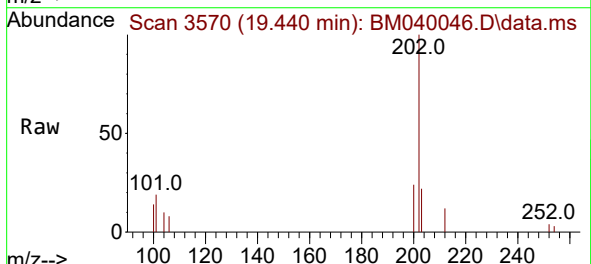
Instrument :
BNA_M
ClientSampleId :
H0FK3

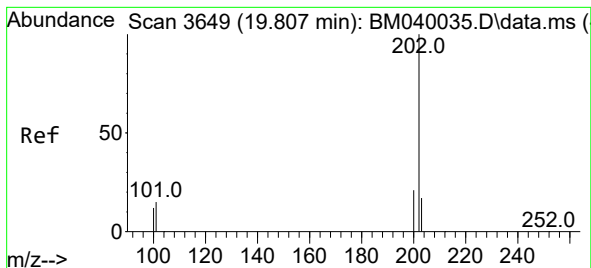
Tgt Ion:178 Resp: 2365
Ion Ratio Lower Upper
178 100
179 21.7 12.4 18.6#
176 23.8 16.3 24.5



#19
Fluoranthene
Concen: 0.052 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BM040046.D
Acq: 26 May 2023 20:51

Tgt Ion:202 Resp: 2785
Ion Ratio Lower Upper
202 100
101 18.6 11.5 17.3#
100 14.1 8.5 12.7#





#20

Pyrene

Concen: 0.046 ng/ul

RT: 19.802 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040046.D

Acq: 26 May 2023 20:51

Instrument :

BNA_M

ClientSampleId :

H0FK3

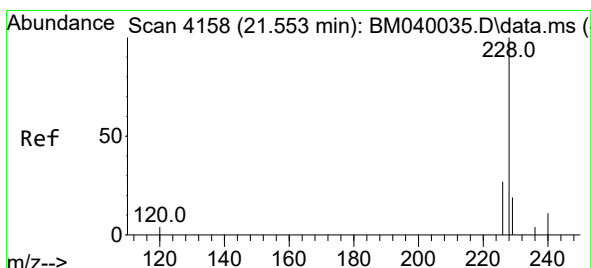
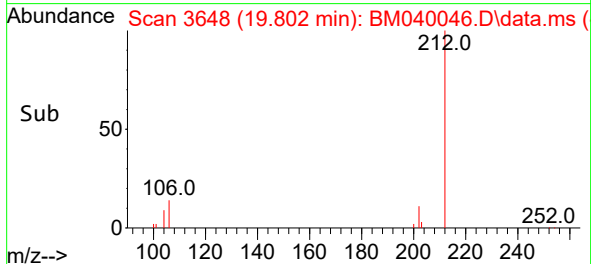
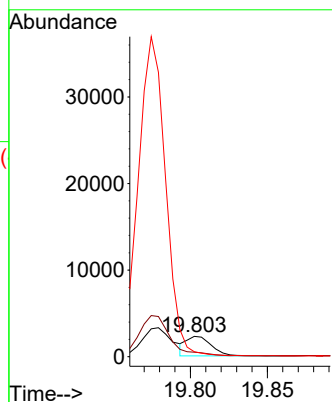
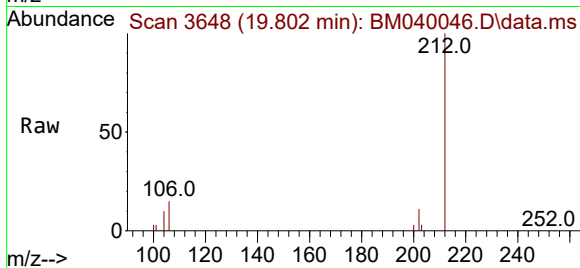
Tgt Ion:202 Resp: 2535

Ion Ratio Lower Upper

202 100

101 22.5 13.3 19.9#

100 24.1 10.9 16.3#



#21

Benzo(a)anthracene

Concen: 0.023 ng/ul

RT: 21.550 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BM040046.D

Acq: 26 May 2023 20:51

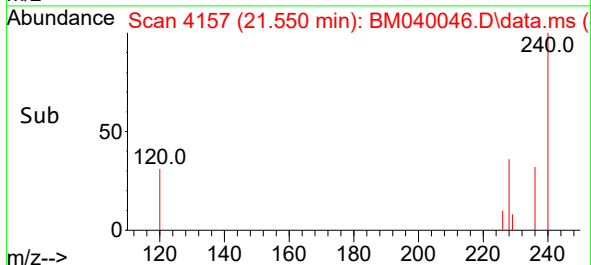
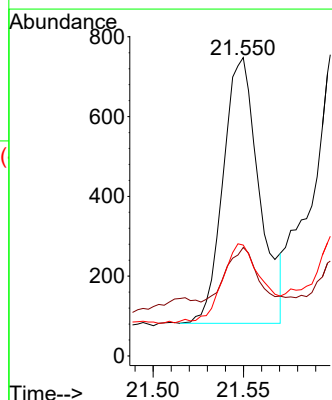
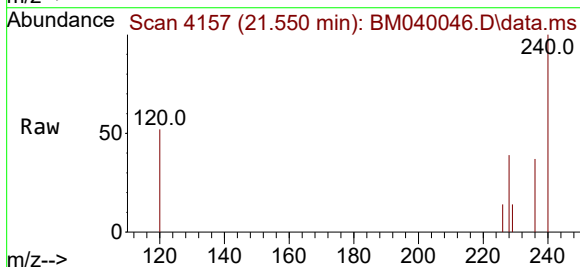
Tgt Ion:228 Resp: 925

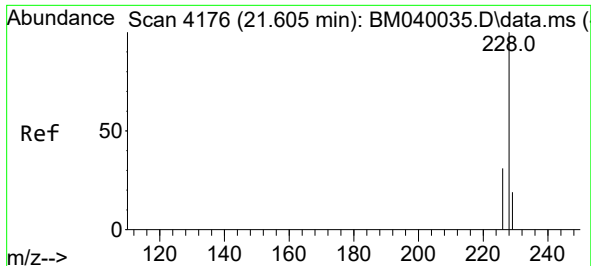
Ion Ratio Lower Upper

228 100

229 36.4 15.6 23.4#

226 37.2 22.5 33.7#





#22

Chrysene

Concen: 0.029 ng/ul

RT: 21.602 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM040046.D

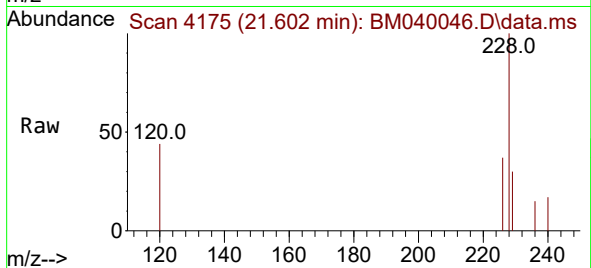
Acq: 26 May 2023 20:51

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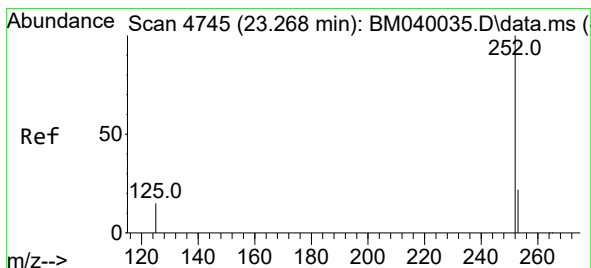
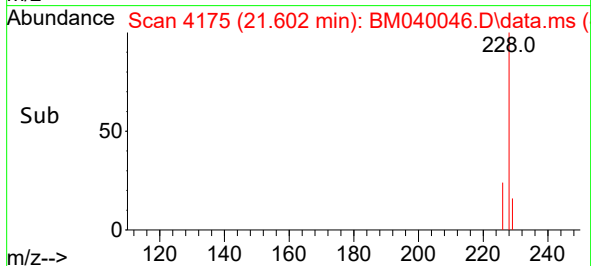
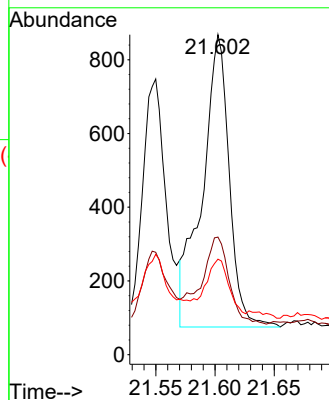
Tgt Ion:228 Resp: 1265

Ion Ratio Lower Upper

228 100

226 36.8 24.6 36.8

229 29.8 15.6 23.4#



#24

Benzo(b)fluoranthene

Concen: 0.034 ng/ul

RT: 23.263 min Scan# 4743

Delta R.T. -0.012 min

Lab File: BM040046.D

Acq: 26 May 2023 20:51

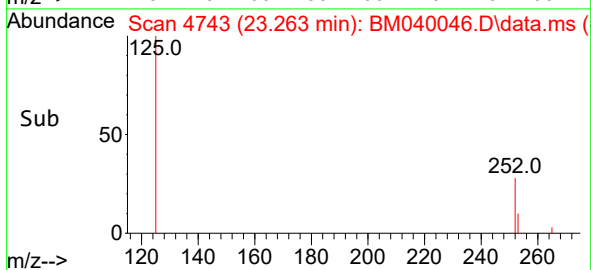
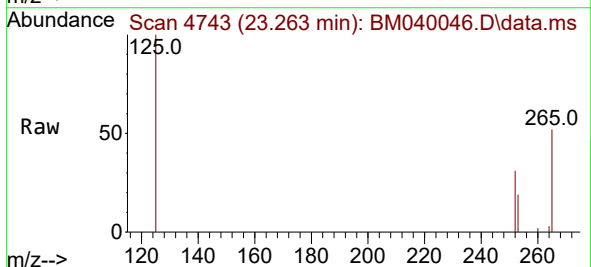
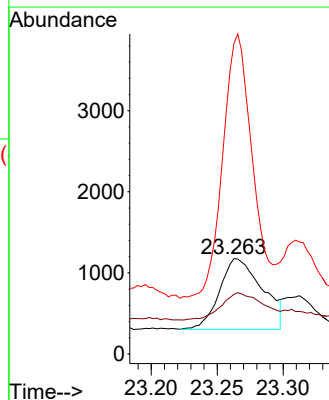
Tgt Ion:252 Resp: 1974

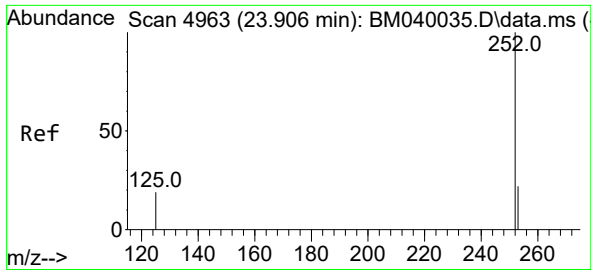
Ion Ratio Lower Upper

252 100

253 62.7 0.0 49.8#

125 325.7 0.0 39.2#





#26

Benzo(a)pyrene

Concen: 0.194 ng/ul

RT: 23.856 min Scan# 49

Delta R.T. -0.058 min

Lab File: BM040046.D

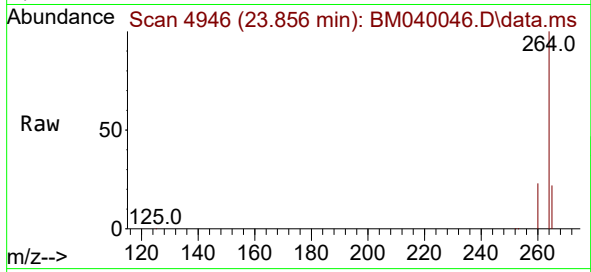
Acq: 26 May 2023 20:51

Instrument :

BNA_M

ClientSampleId :

H0FK3



Tgt Ion:252 Resp: 9390

Ion Ratio Lower Upper

252 100

253 38.2 20.6 31.0#

125 35.6 19.1 28.7#

