

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045516.D
 Acq On : 23 Apr 2024 16:33
 Operator : MA/JU
 Sample : P2104-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Quant Time: Apr 24 05:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

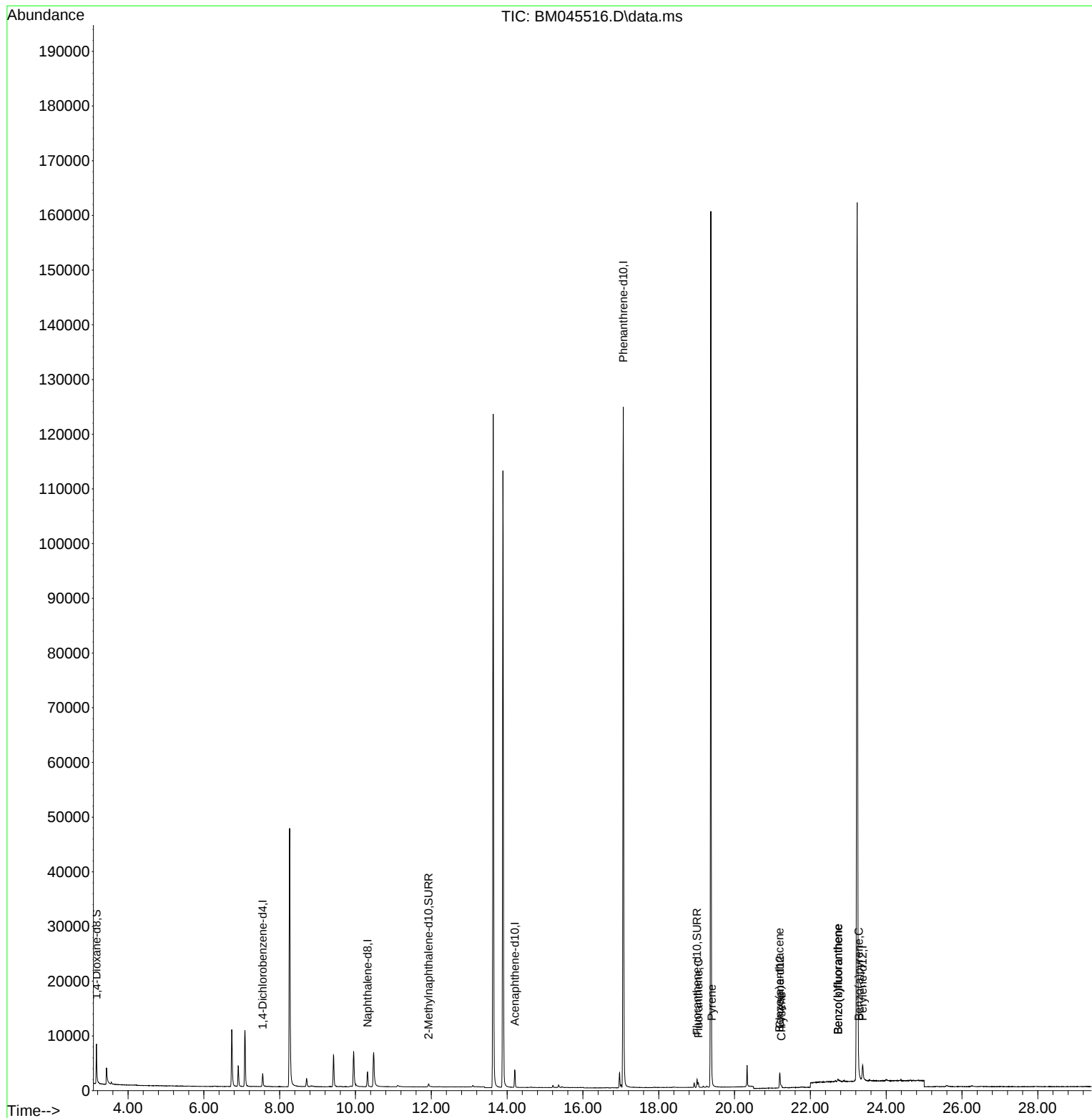
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1337	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	3805	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.206	164	1806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.065	188	151080	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.195	240	3019	0.400	ng/ul	0.00
23) Perylene-d12	23.381	264	4654	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4837	2.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	946	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1743	0.183	ng/ul	0.00
Target Compounds						Qvalue
19) Fluoranthene	19.044	202	827	0.059	ng/ul#	89
20) Pyrene	19.401	202	636	0.044	ng/ul#	74
21) Benzo(a)anthracene	21.186	228	349	0.036	ng/ul#	56
22) Chrysene	21.233	228	434	0.029	ng/ul#	67
24) Benzo(b)fluoranthene	22.729	252	656	0.042	ng/ul#	1
25) Benzo(k)fluoranthene	22.729	252	855	0.043	ng/ul#	1
26) Benzo(a)pyrene	23.279	252	383	0.024	ng/ul#	1

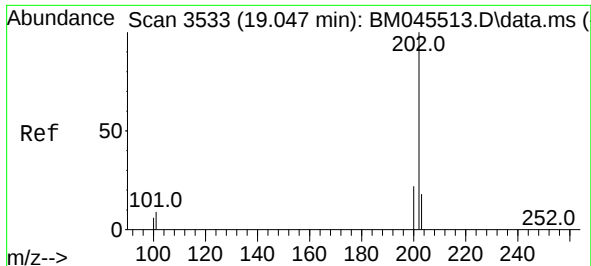
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Fluoranthene

Concen: 0.059 ng/ul

RT: 19.044 min Scan# 3

Delta R.T. -0.004 min

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ClientSampleId :

C0AC5

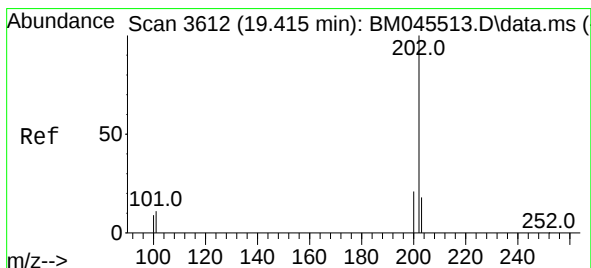
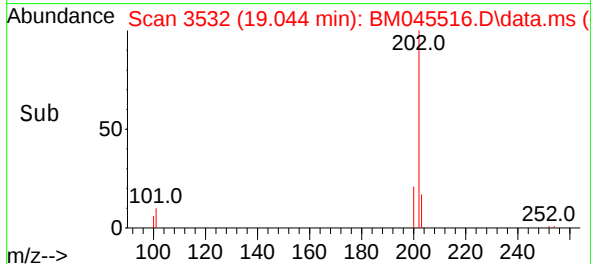
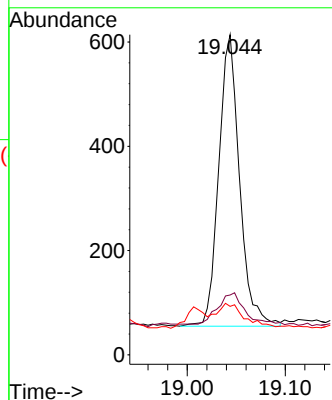
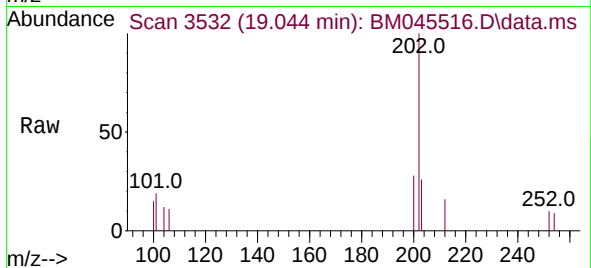
Tgt Ion:202 Resp: 827

Ion Ratio Lower Upper

202 100

101 18.7 11.2 16.8#

100 15.1 9.1 13.7#



#20

Pyrene

Concen: 0.044 ng/ul

RT: 19.401 min Scan# 3609

Delta R.T. -0.013 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

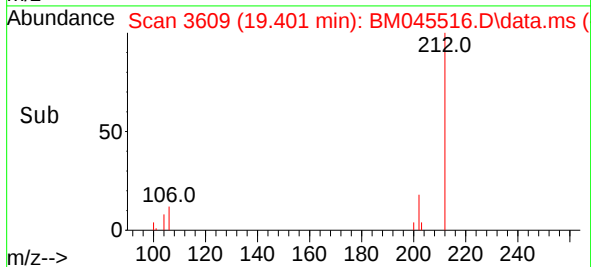
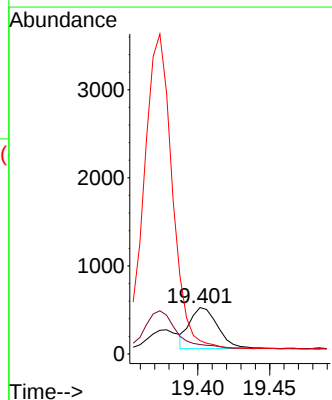
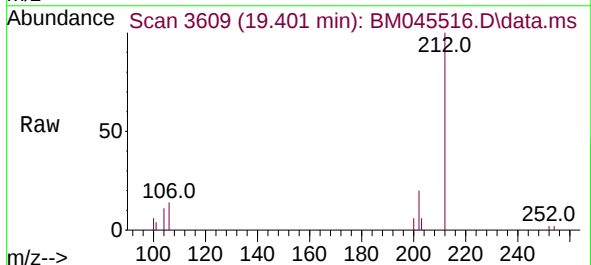
Tgt Ion:202 Resp: 636

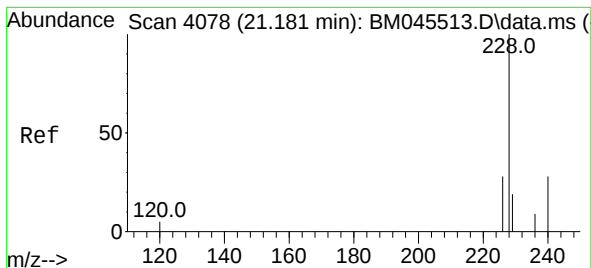
Ion Ratio Lower Upper

202 100

101 20.3 11.5 17.3#

100 28.5 10.6 15.8#





#21

Benzo(a)anthracene

Concen: 0.036 ng/ul

RT: 21.186 min Scan# 4078

Delta R.T. 0.005 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

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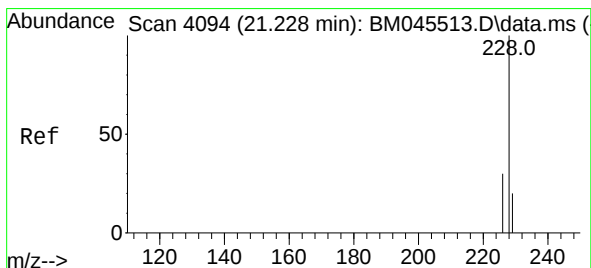
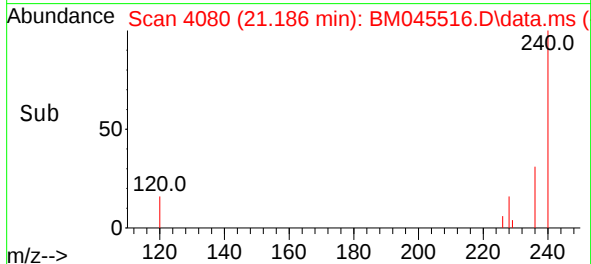
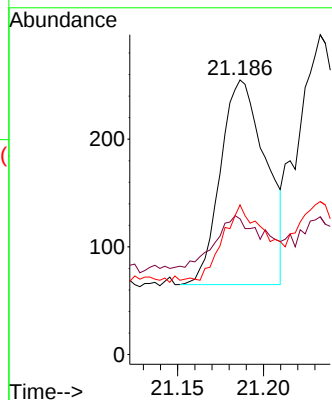
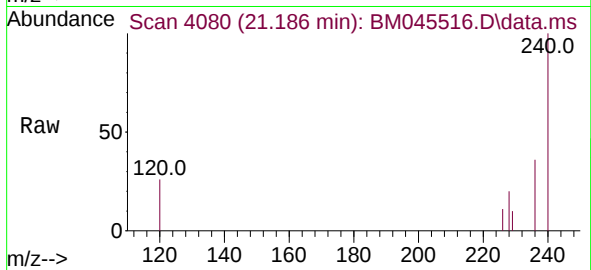
Tgt Ion:228 Resp: 349

Ion Ratio Lower Upper

228 100

229 49.4 19.4 29.2#

226 54.5 26.3 39.5#



#22

Chrysene

Concen: 0.029 ng/ul

RT: 21.233 min Scan# 4096

Delta R.T. 0.005 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

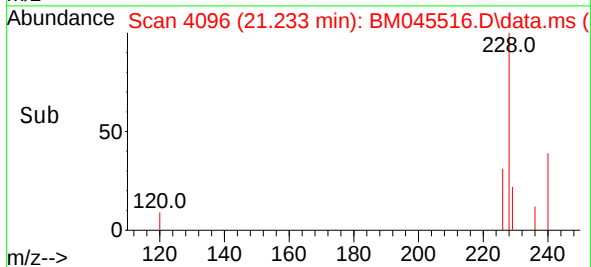
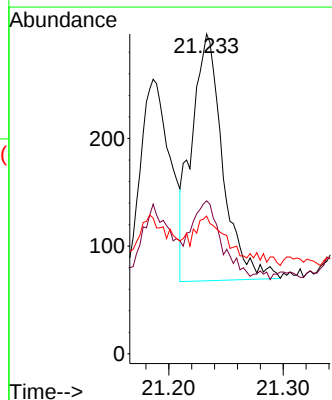
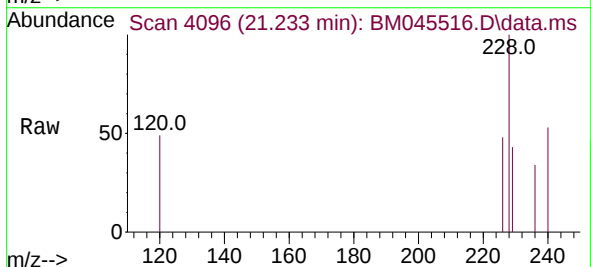
Tgt Ion:228 Resp: 434

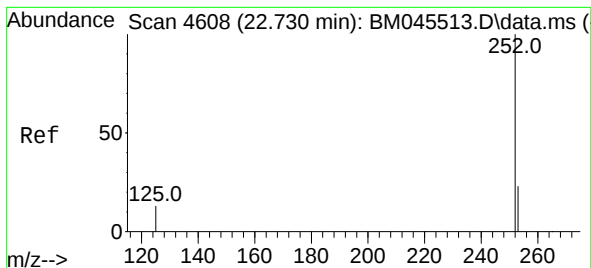
Ion Ratio Lower Upper

228 100

226 47.8 26.3 39.5#

229 43.1 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 0.042 ng/ul

RT: 22.729 min Scan# 4608

Delta R.T. -0.001 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

Instrument :

BNA_M

ClientSampleId :

C0AC5

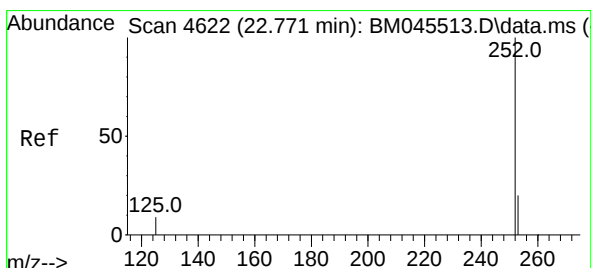
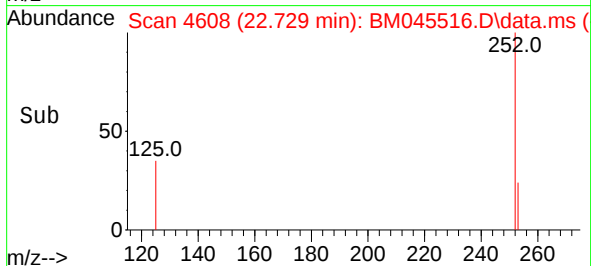
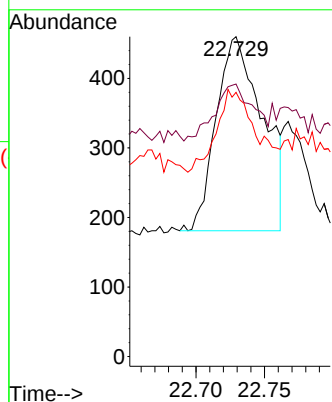
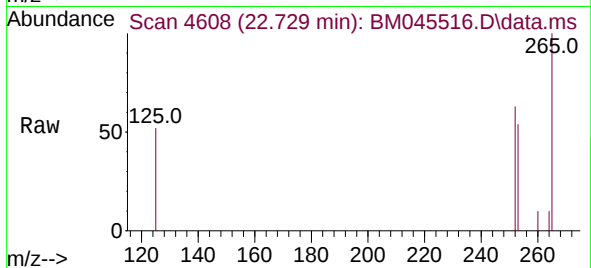
Tgt Ion:252 Resp: 656

Ion Ratio Lower Upper

252 100

253 85.2 0.0 63.4#

125 82.6 0.0 36.8#



#25

Benzo(k)fluoranthene

Concen: 0.043 ng/ul

RT: 22.729 min Scan# 4608

Delta R.T. -0.042 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

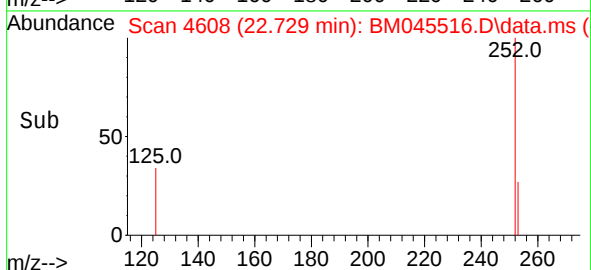
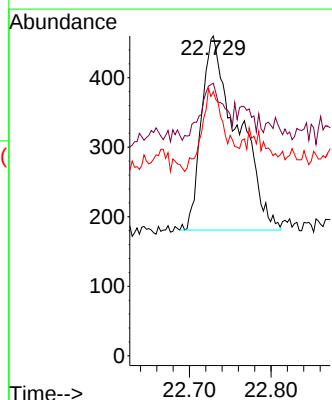
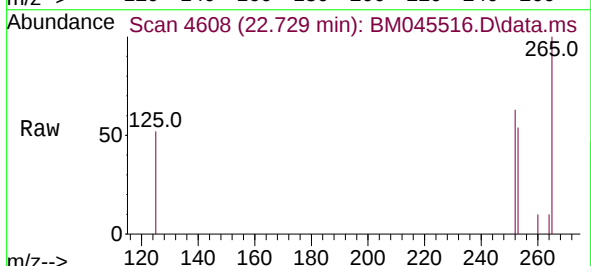
Tgt Ion:252 Resp: 855

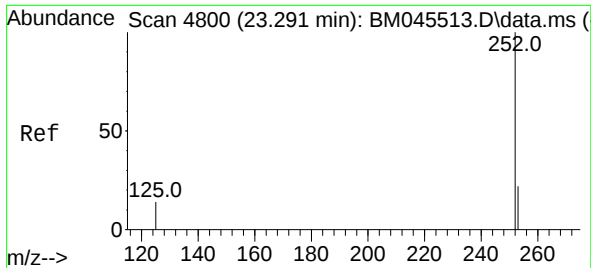
Ion Ratio Lower Upper

252 100

253 85.2 25.4 38.0#

125 82.6 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.024 ng/ul

RT: 23.279 min Scan# 41

Delta R.T. -0.013 min

Lab File: BM045516.D

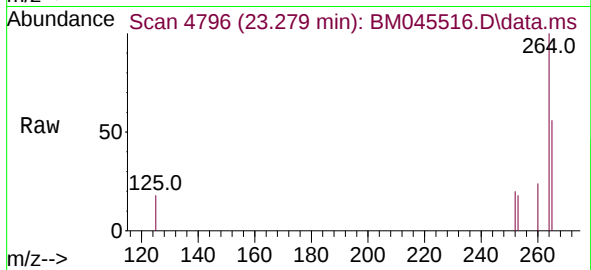
Acq: 23 Apr 2024 16:33

Instrument :

BNA_M

ClientSampleId :

C0AC5



Tgt Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

253 91.6 31.6 47.4#

125 90.5 19.5 29.3#

