

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045629.D
 Acq On : 29 Apr 2024 21:29
 Operator : MA/JU
 Sample : P2105-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 30 01:18:59 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 : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

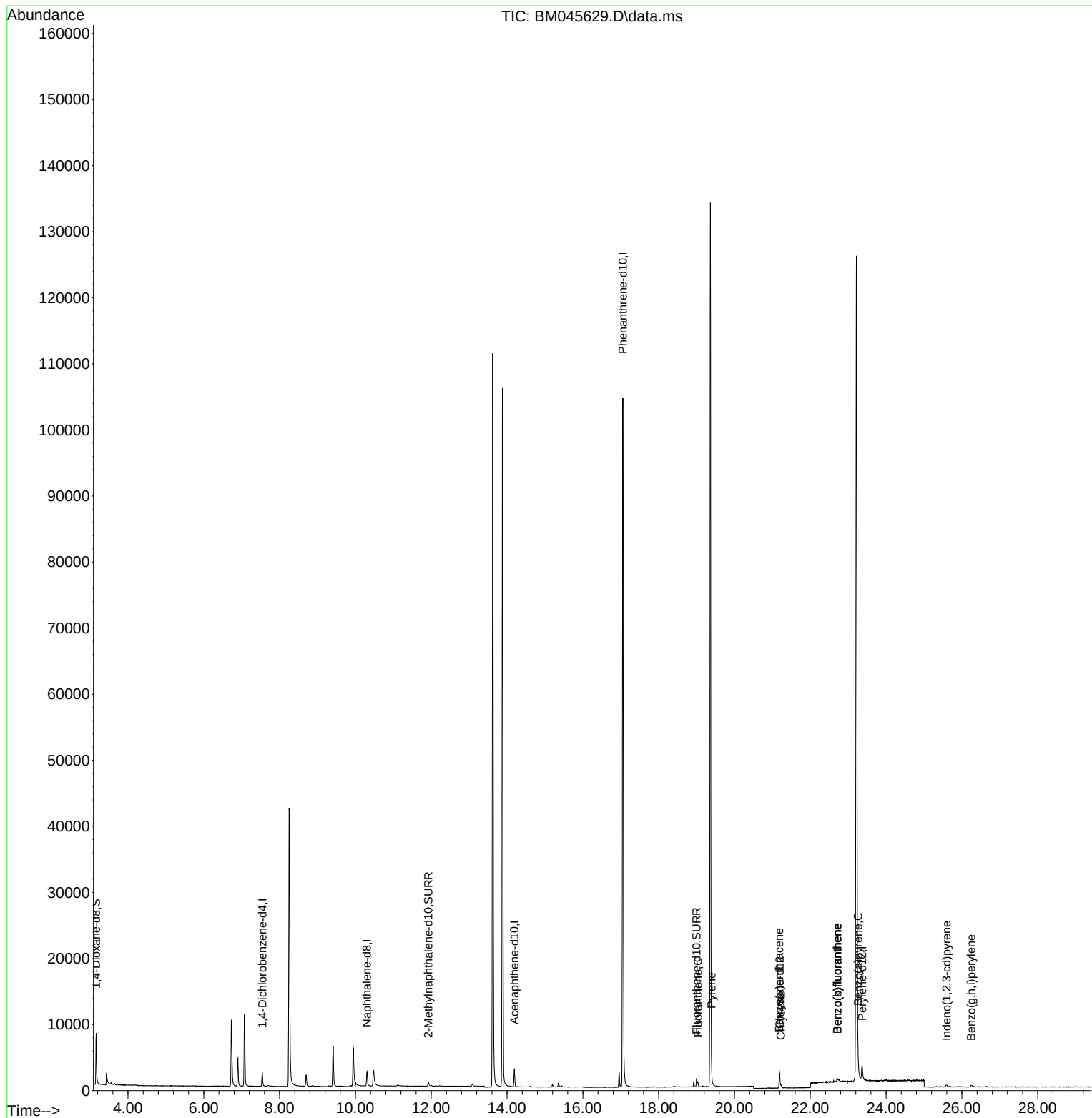
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	1155	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3167	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1531	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	134759	0.400	ng/ul	# 0.07
17) Chrysene-d12	21.190	240	2311	0.400	ng/ul	# 0.00
23) Perylene-d12	23.367	264	3920	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4909	3.171	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1001	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.001	212	1510	0.208	ng/ul	-0.02
Target Compounds				Qvalue		
19) Fluoranthene	19.033	202	770	0.072	ng/ul#	82
20) Pyrene	19.391	202	752	0.069	ng/ul#	71
21) Benzo(a)anthracene	21.181	228	408	0.055	ng/ul#	73
22) Chrysene	21.225	228	440	0.039	ng/ul#	81
24) Benzo(b)fluoranthene	22.712	252	1001	0.076	ng/ul#	40
25) Benzo(k)fluoranthene	22.712	252	1222	0.073	ng/ul#	40
26) Benzo(a)pyrene	23.259	252	496	0.036	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.595	276	572	0.029	ng/ul#	98
29) Benzo(g,h,i)perylene	26.245	276	603	0.034	ng/ul#	62

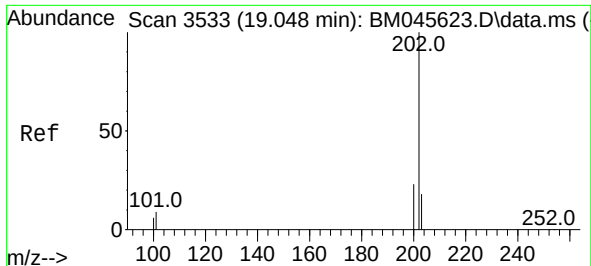
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Fluoranthene

Concen: 0.072 ng/ul

RT: 19.033 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM045629.D

Acq: 29 Apr 2024 21:29

Instrument :

BNA_M

ClientSampleId :

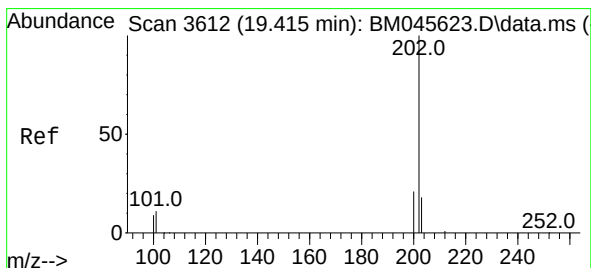
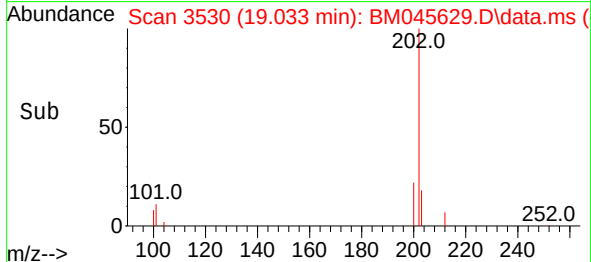
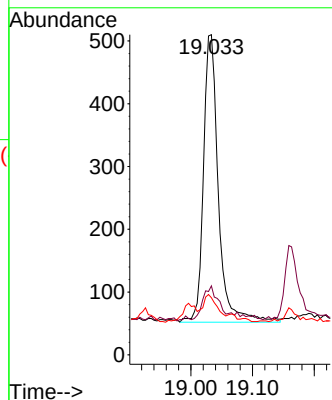
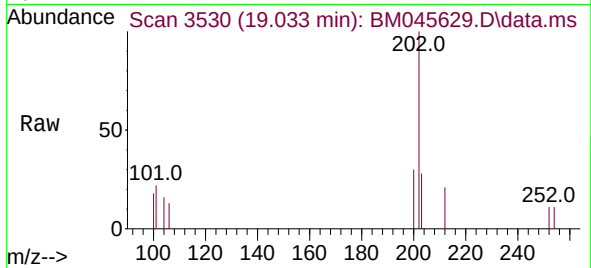
Tgt Ion:202 Resp: 770

Ion Ratio Lower Upper

202 100

101 21.6 11.2 16.8#

100 17.8 9.1 13.7#



#20

Pyrene

Concen: 0.069 ng/ul

RT: 19.391 min Scan# 3607

Delta R.T. -0.024 min

Lab File: BM045629.D

Acq: 29 Apr 2024 21:29

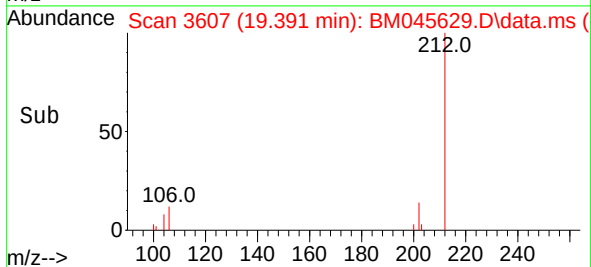
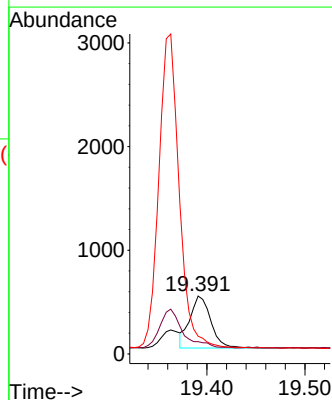
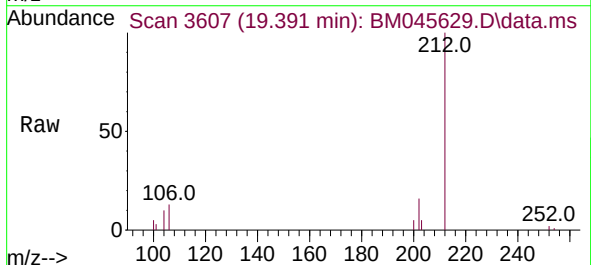
Tgt Ion:202 Resp: 752

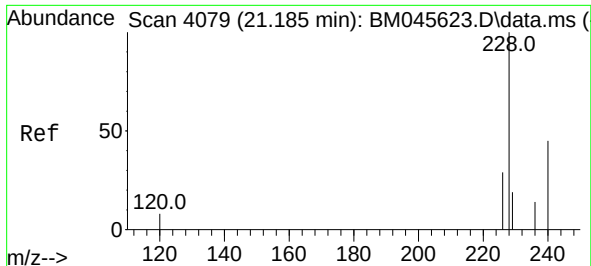
Ion Ratio Lower Upper

202 100

101 21.1 11.5 17.3#

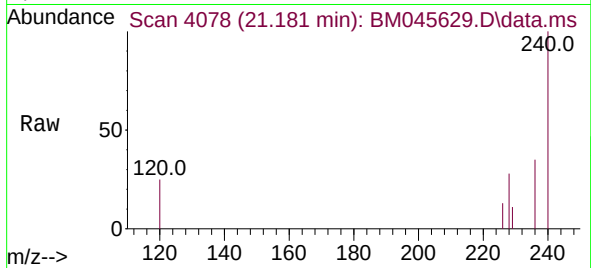
100 30.6 10.6 15.8#



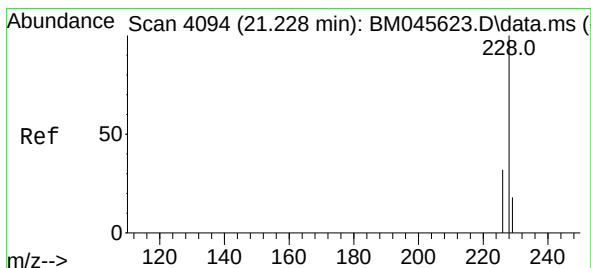
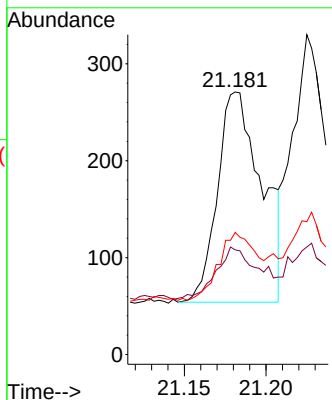


#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.181 min Scan# 4078
Delta R.T. -0.003 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

Instrument :
BNA_M
ClientSampleId :

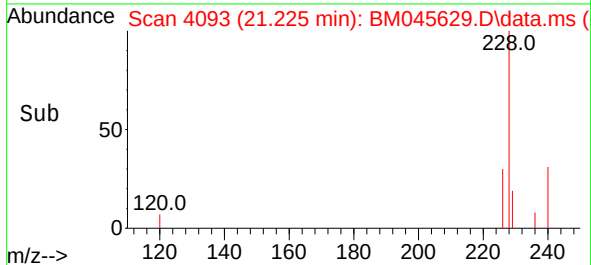
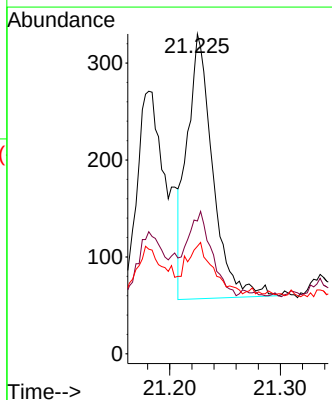
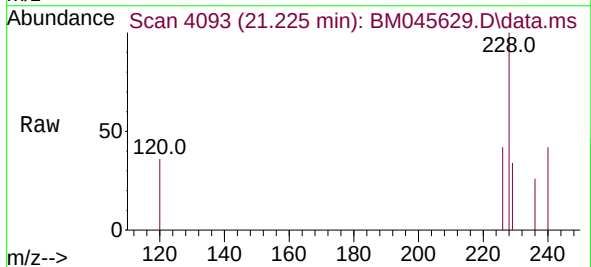


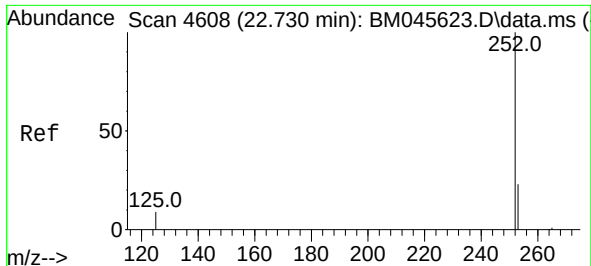
Tgt Ion:228 Resp: 408
Ion Ratio Lower Upper
228 100
229 39.9 19.4 29.2#
226 46.5 26.3 39.5#



#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

Tgt Ion:228 Resp: 440
Ion Ratio Lower Upper
228 100
226 41.5 26.3 39.5#
229 33.6 17.8 26.8#

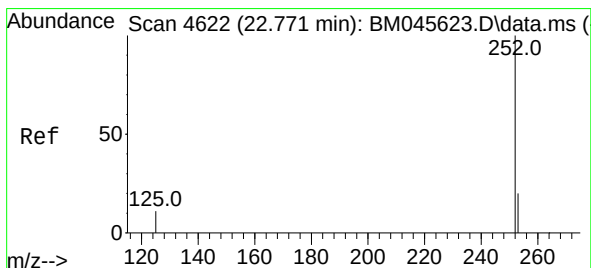
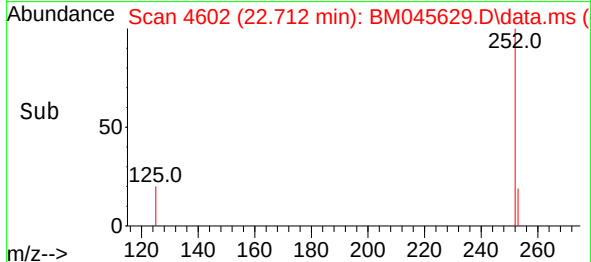
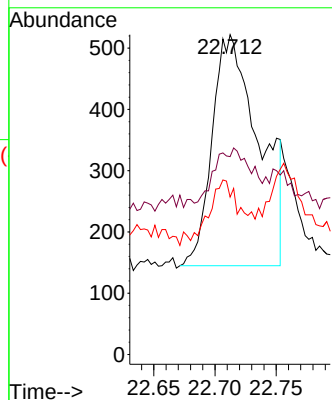
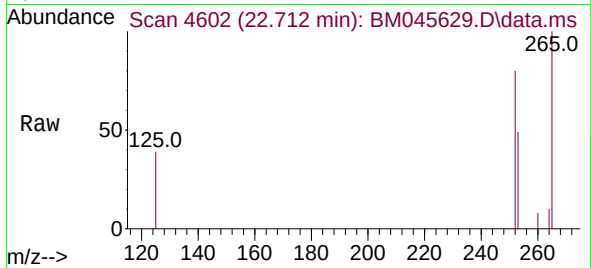




#24
Benzo(b)fluoranthene
Concen: 0.076 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

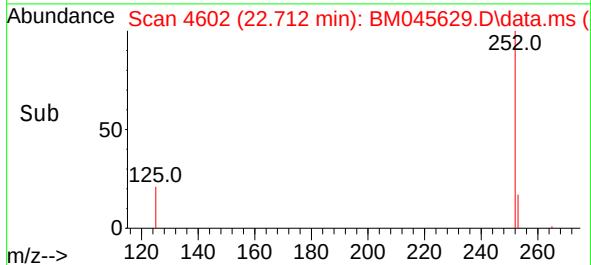
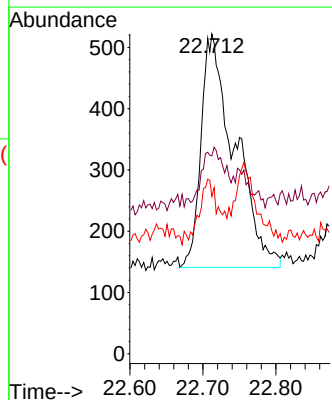
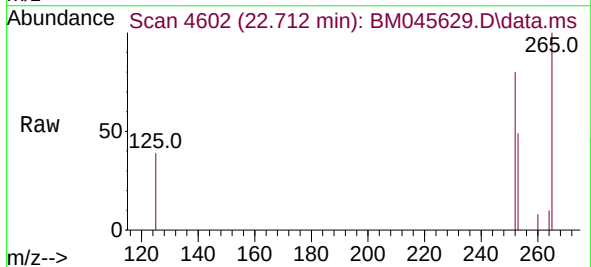
Instrument :
BNA_M
ClientSampleId :

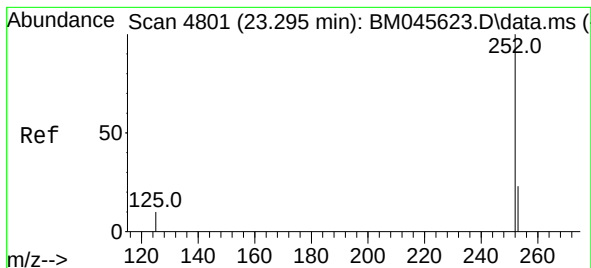
Tgt Ion:252 Resp: 1001
Ion Ratio Lower Upper
252 100
253 61.9 0.0 63.4
125 49.2 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.059 min
Lab File: BM045629.D
Acq: 29 Apr 2024 21:29

Tgt Ion:252 Resp: 1222
Ion Ratio Lower Upper
252 100
253 61.9 25.4 38.0#
125 49.2 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.036 ng/ul

RT: 23.259 min Scan# 4

Delta R.T. -0.036 min

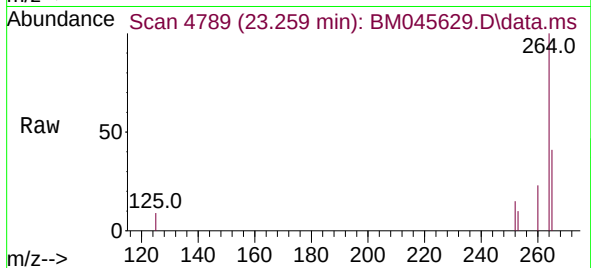
Lab File: BM045629.D

Acq: 29 Apr 2024 21:29

Instrument :

BNA_M

ClientSampleId :



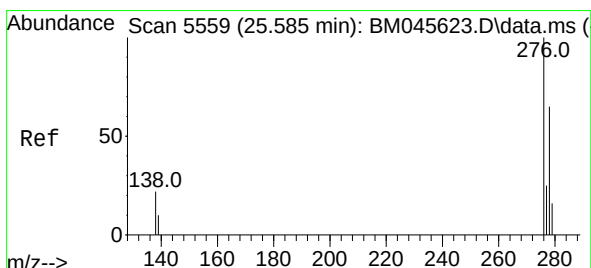
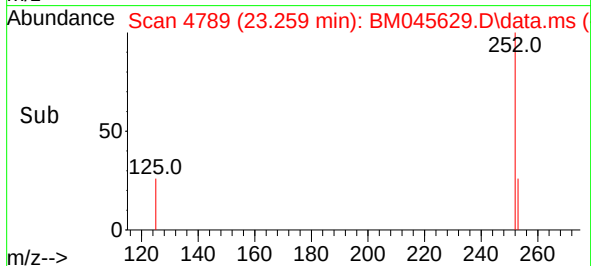
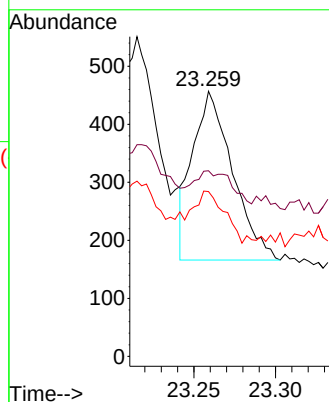
Tgt Ion:252 Resp: 496

Ion Ratio Lower Upper

252 100

253 70.0 31.6 47.4#

125 62.1 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 25.595 min Scan# 5562

Delta R.T. 0.010 min

Lab File: BM045629.D

Acq: 29 Apr 2024 21:29

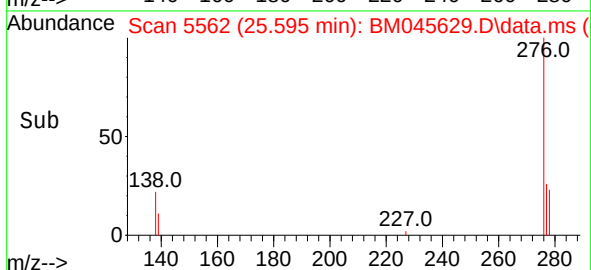
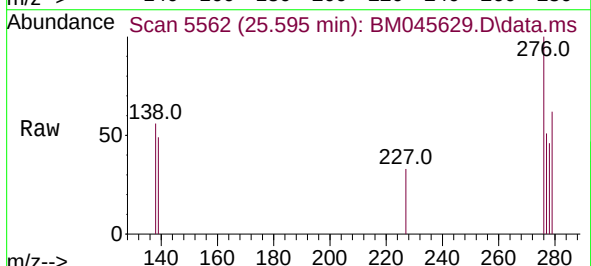
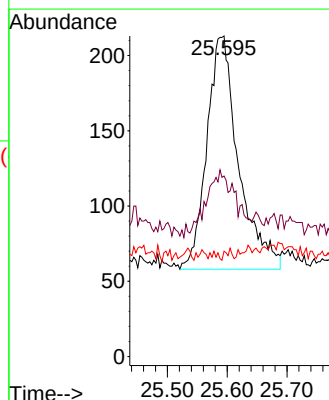
Tgt Ion:276 Resp: 572

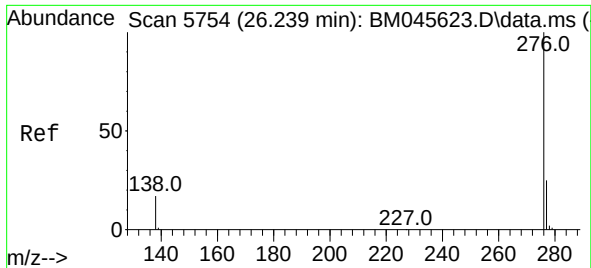
Ion Ratio Lower Upper

276 100

138 25.5 19.8 29.6

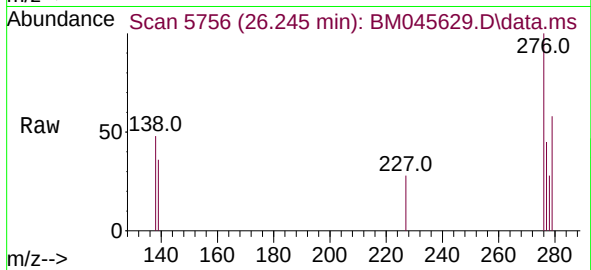
227 0.5 0.2 0.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.034 ng/ul
 RT: 26.245 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: BM045629.D
 Acq: 29 Apr 2024 21:29

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 603
 Ion Ratio Lower Upper
 276 100
 138 47.6 20.8 31.2#
 277 45.1 21.8 32.8#

