

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045625.D
 Acq On : 29 Apr 2024 18:53
 Operator : MA/JU
 Sample : P2105-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 30 01:18:02 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)

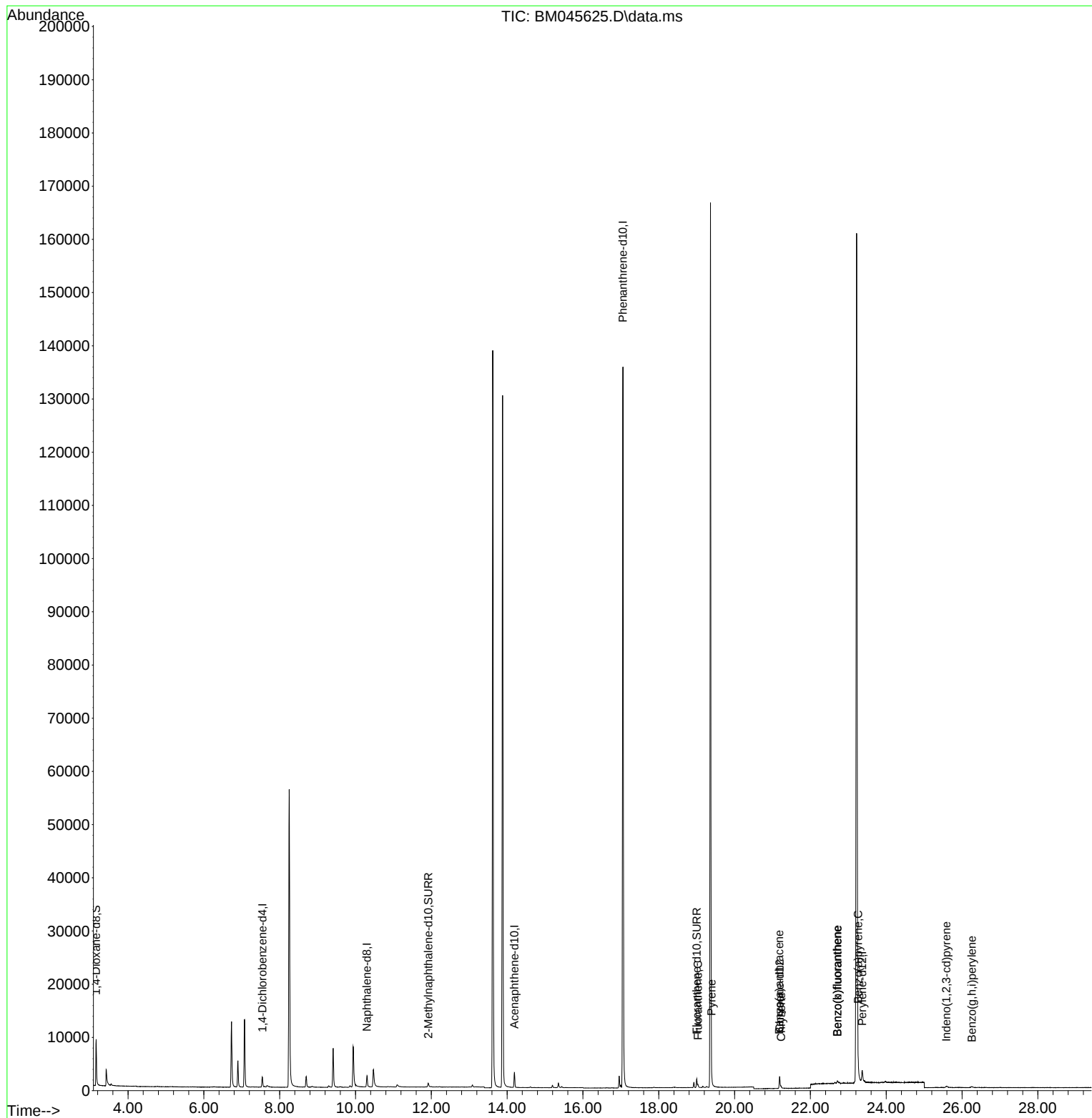
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1065	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3024	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1538	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	169807	0.400	ng/ul	# 0.07
17) Chrysene-d12	21.187	240	2266	0.400	ng/ul	# 0.00
23) Perylene-d12	23.364	264	3897	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5414	3.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1208	0.303	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1946	0.273	ng/ul	-0.02
Target Compounds						Qvalue
19) Fluoranthene	19.033	202	532	0.051	ng/ul#	72
20) Pyrene	19.391	202	521	0.048	ng/ul#	48
21) Benzo(a)anthracene	21.181	228	329	0.045	ng/ul#	65
22) Chrysene	21.225	228	390	0.035	ng/ul#	76
24) Benzo(b)fluoranthene	22.712	252	733	0.056	ng/ul#	17
25) Benzo(k)fluoranthene	22.712	252	895	0.054	ng/ul#	17
26) Benzo(a)pyrene	23.256	252	343	0.025	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	25.585	276	423	0.021	ng/ul#	51
29) Benzo(g,h,i)perylene	26.256	276	399	0.022	ng/ul#	30

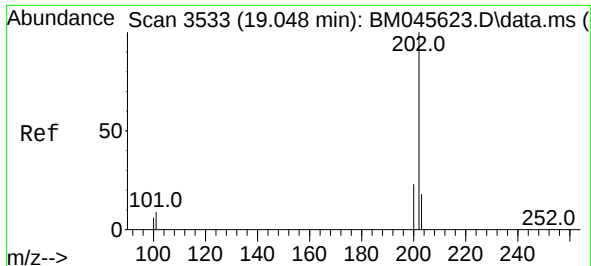
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Fluoranthene

Concen: 0.051 ng/ul

RT: 19.033 min Scan# 3

Delta R.T. -0.014 min

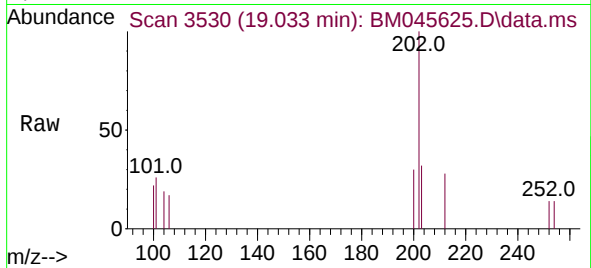
Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

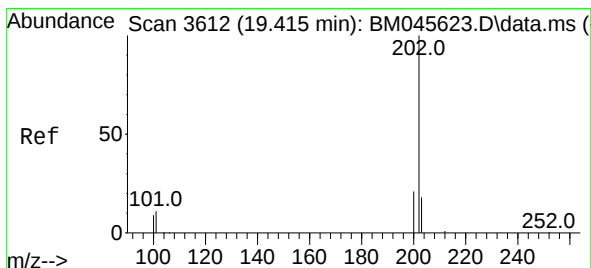
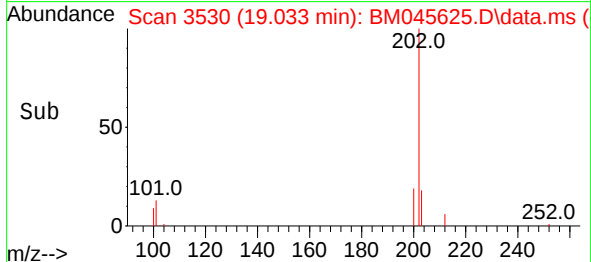
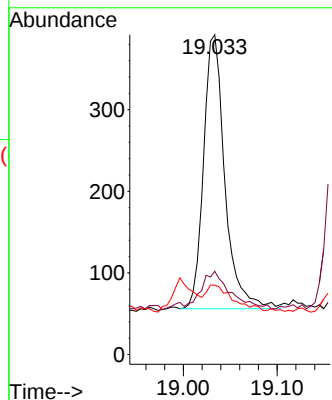
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	532
Ion	Ratio	Lower	Upper
202	100		
101	26.0	11.2	16.8#
100	21.7	9.1	13.7#



#20

Pyrene

Concen: 0.048 ng/ul

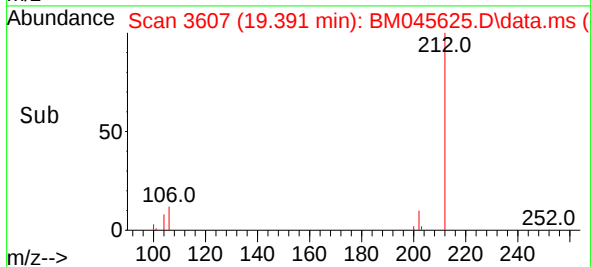
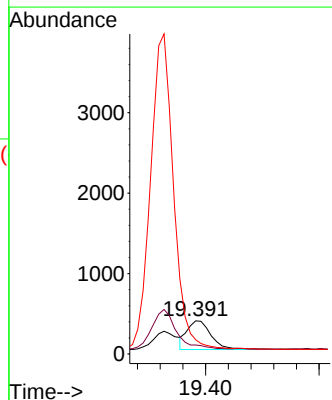
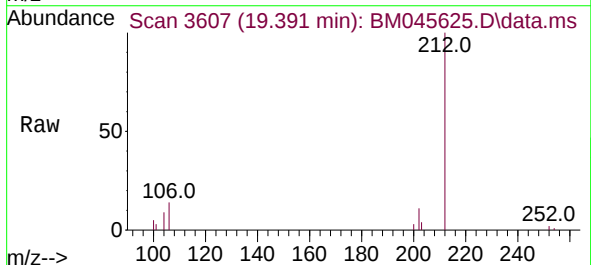
RT: 19.391 min Scan# 3607

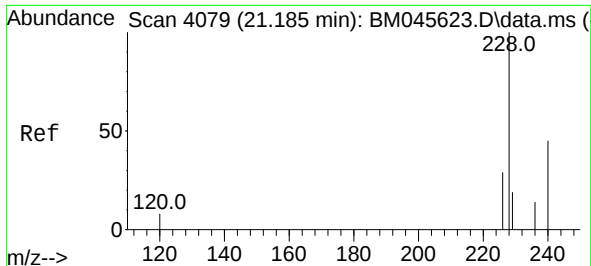
Delta R.T. -0.023 min

Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

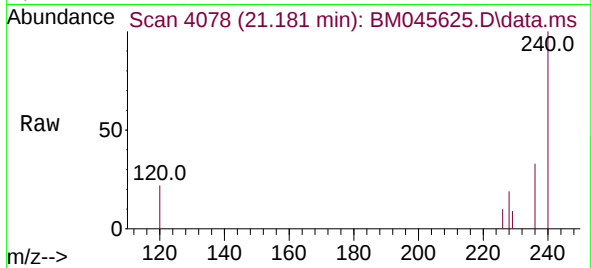
Tgt Ion:	202	Resp:	521
Ion	Ratio	Lower	Upper
202	100		
101	26.9	11.5	17.3#
100	43.0	10.6	15.8#



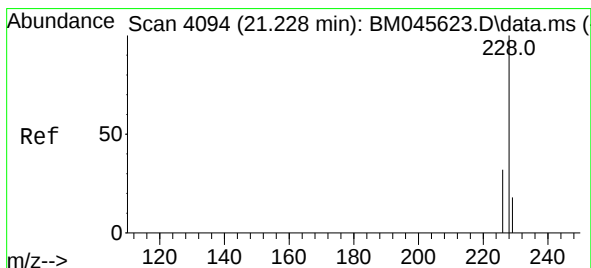
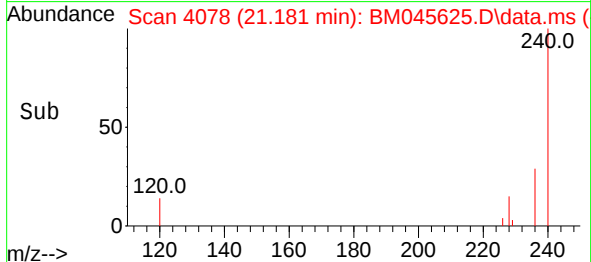
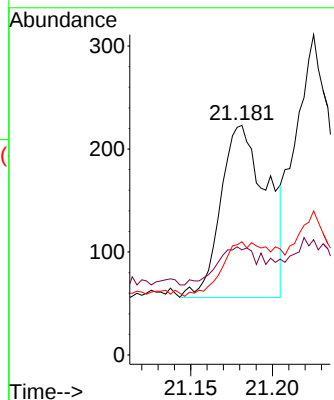


#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.181 min Scan# 4078
Delta R.T. -0.003 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

Instrument :
BNA_M
ClientSampleId :

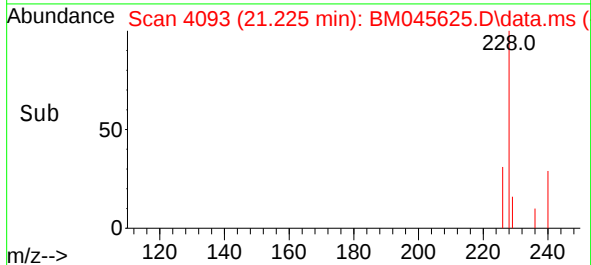
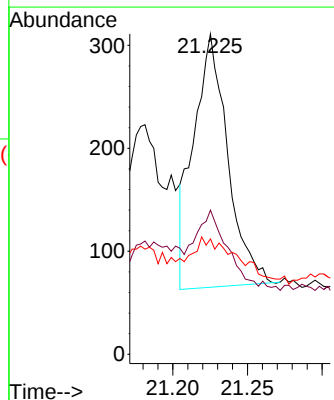
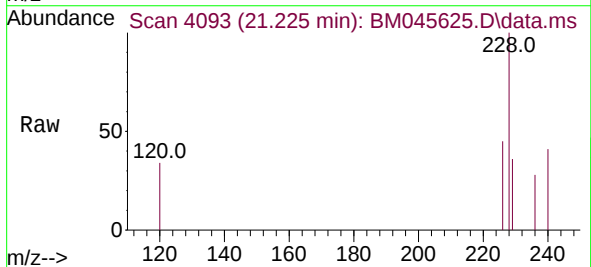


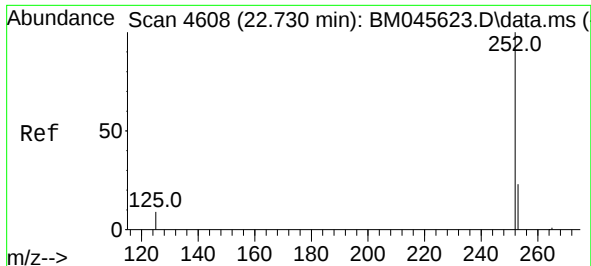
Tgt Ion:228 Resp: 329
Ion Ratio Lower Upper
228 100
229 45.7 19.4 29.2#
226 49.3 26.3 39.5#



#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

Tgt Ion:228 Resp: 390
Ion Ratio Lower Upper
228 100
226 45.0 26.3 39.5#
229 36.0 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 0.056 ng/ul

RT: 22.712 min Scan# 4

Delta R.T. -0.018 min

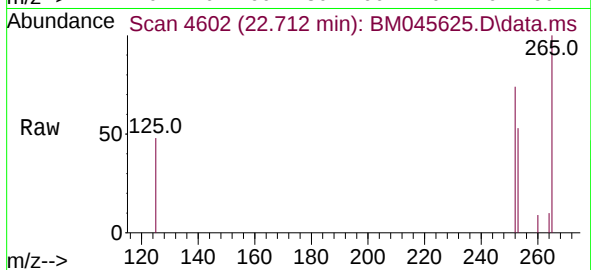
Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

Instrument :

BNA_M

ClientSampleId :



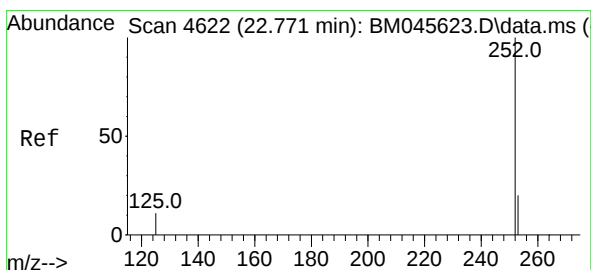
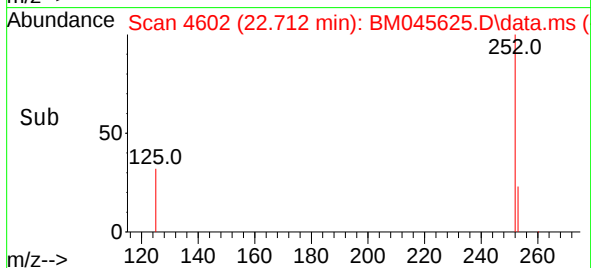
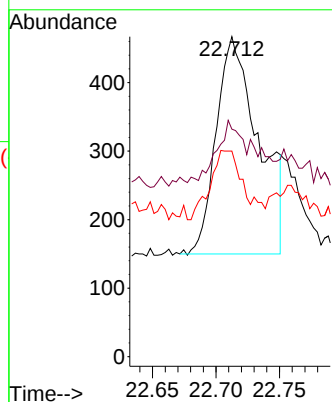
Tgt Ion:252 Resp: 733

Ion Ratio Lower Upper

252 100

253 71.1 0.0 63.4#

125 64.2 0.0 36.8#



#25

Benzo(k)fluoranthene

Concen: 0.054 ng/ul

RT: 22.712 min Scan# 4602

Delta R.T. -0.059 min

Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

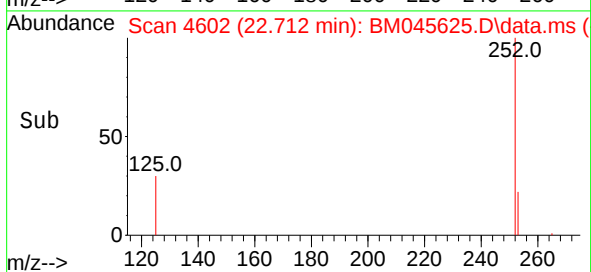
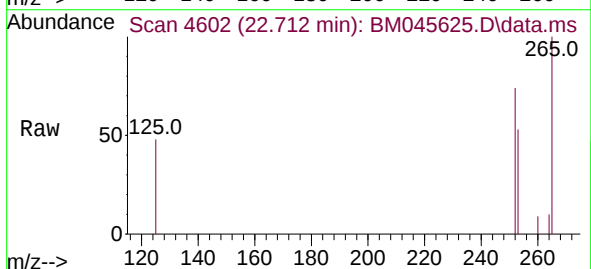
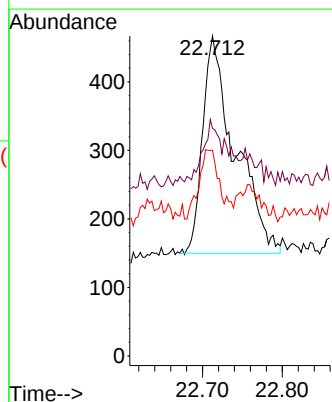
Tgt Ion:252 Resp: 895

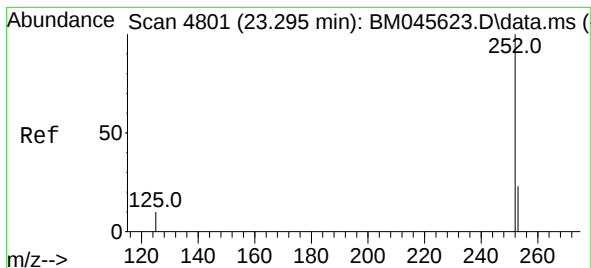
Ion Ratio Lower Upper

252 100

253 71.1 25.4 38.0#

125 64.2 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.025 ng/ul

RT: 23.256 min Scan# 4

Delta R.T. -0.038 min

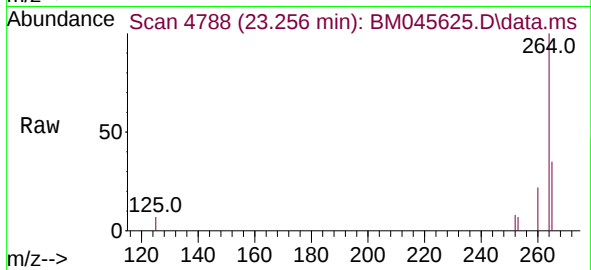
Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

Instrument :

BNA_M

ClientSampleId :



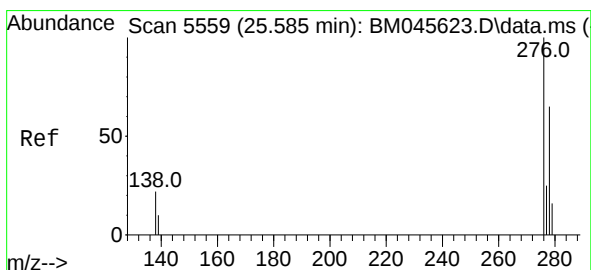
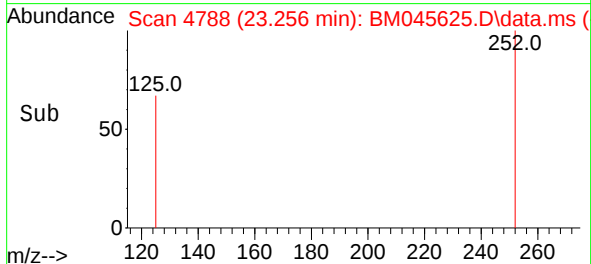
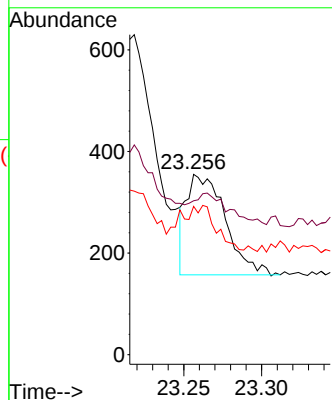
Tgt Ion:252 Resp: 343

Ion Ratio Lower Upper

252 100

253 85.4 31.6 47.4#

125 82.3 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 25.585 min Scan# 5559

Delta R.T. -0.000 min

Lab File: BM045625.D

Acq: 29 Apr 2024 18:53

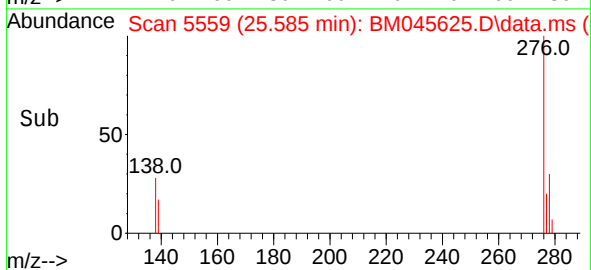
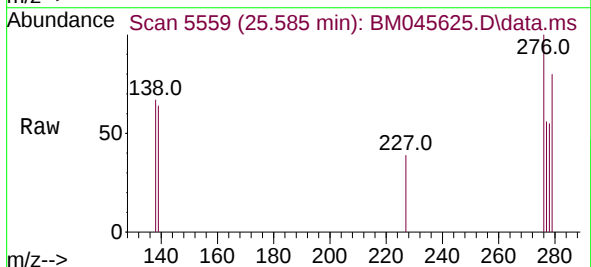
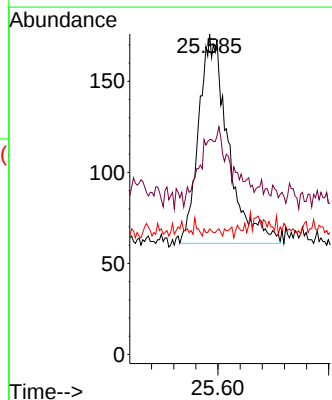
Tgt Ion:276 Resp: 423

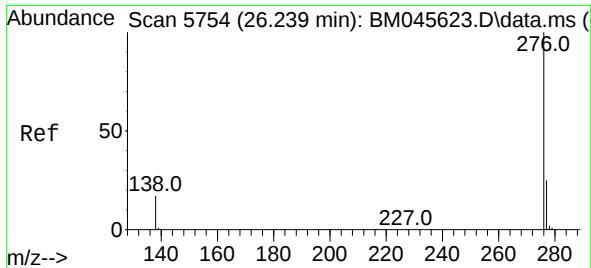
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

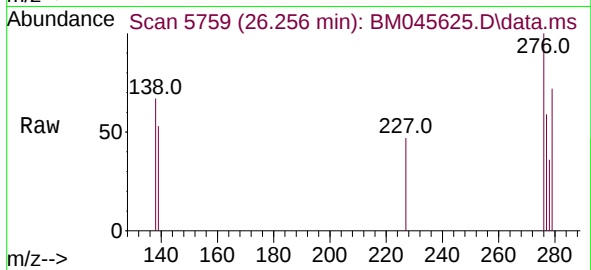
227 0.9 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.256 min Scan# 51
Delta R.T. 0.017 min
Lab File: BM045625.D
Acq: 29 Apr 2024 18:53

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 276 Resp: 399
Ion Ratio Lower Upper
276 100
138 66.7 20.8 31.2#
277 59.2 21.8 32.8#

