

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049186.D
 Acq On : 24 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5302-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 21:41:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

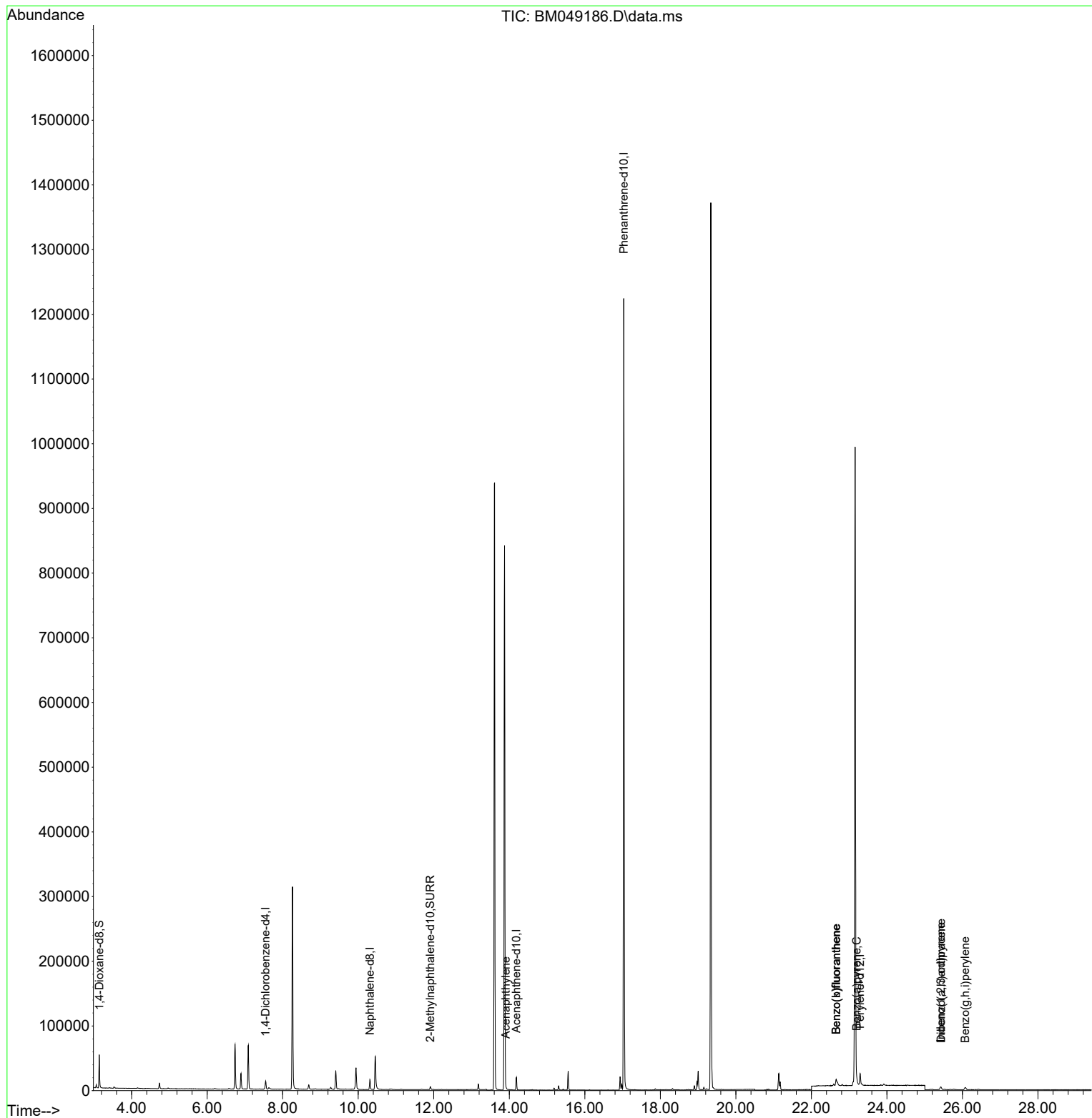
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6358	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	19603	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	10791	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.031	188	1385618	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.15
23) Perylene-d12	23.291	264	25075	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30549	4.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7152	0.271	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	14773	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.905	152	2110	0.047	ng/ul#	86
24) Benzo(b)fluoranthene	22.656	252	21644	0.270	ng/ul	87
25) Benzo(k)fluoranthene	22.656	252	21644	0.246	ng/ul#	87
26) Benzo(a)pyrene	23.197	252	8459	0.110	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.427	276	7780	0.072	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.433	278	1693	0.020	ng/ul#	19
29) Benzo(g,h,i)perylene	26.074	276	7521	0.086	ng/ul#	92

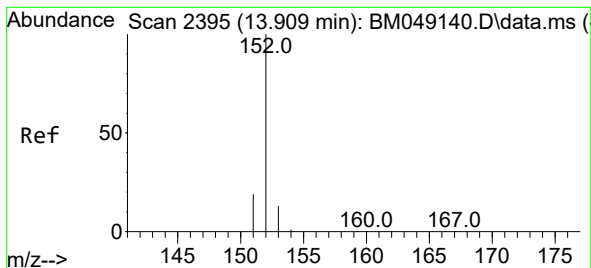
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.905 min Scan# 2110

Delta R.T. -0.013 min

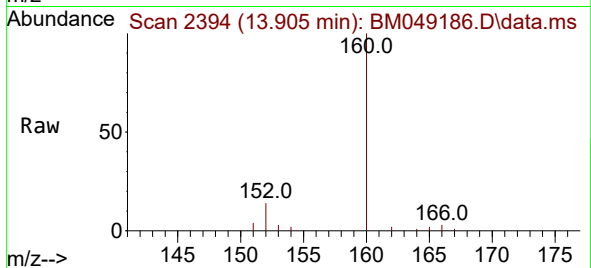
Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

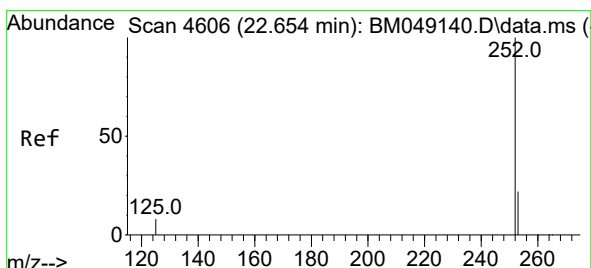
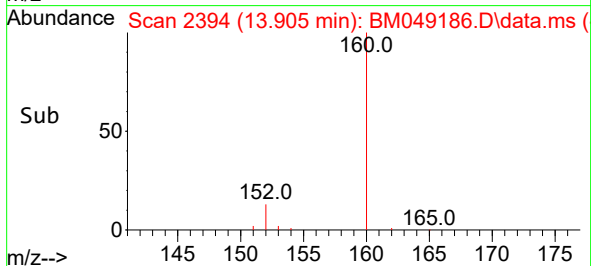
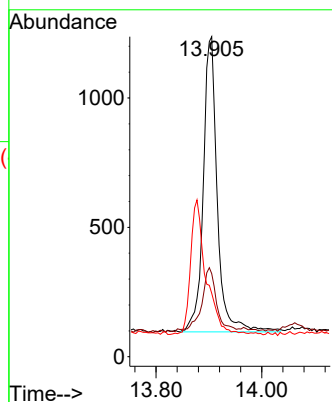
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	152	151	153
Ratio	100	25.9	19.8
Lower		16.0	11.0
Upper		24.0#	16.6#



#24

Benzo(b)fluoranthene

Concen: 0.270 ng/ul

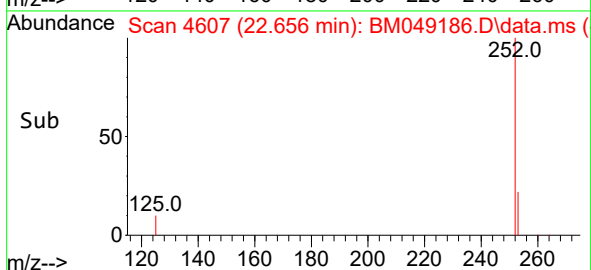
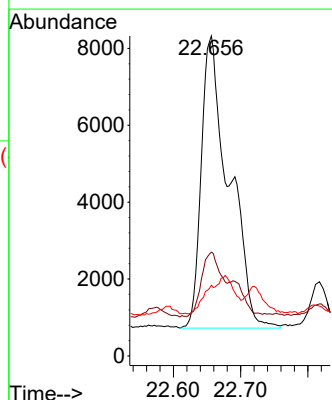
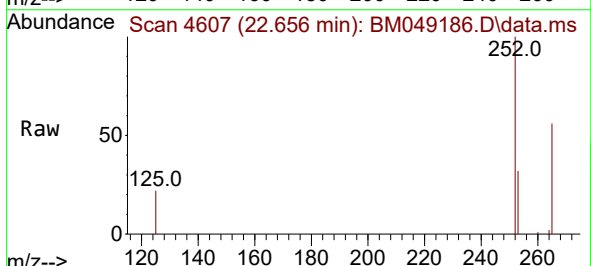
RT: 22.656 min Scan# 4607

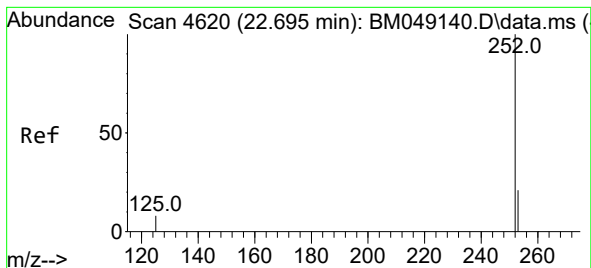
Delta R.T. -0.006 min

Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

Tgt Ion:	252	253	125
Ratio	100	32.5	22.1
Lower		0.0	0.0
Upper		52.6	30.8





#25

Benzo(k)fluoranthene

Concen: 0.246 ng/ul

RT: 22.656 min Scan# 4607

Delta R.T. -0.050 min

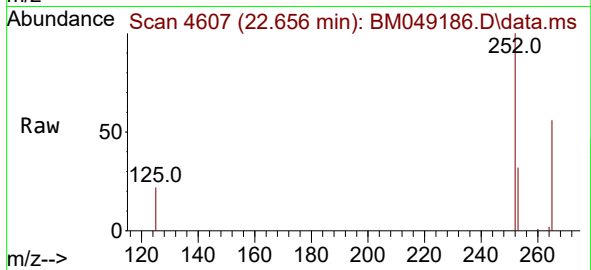
Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

Instrument :

BNA_M

ClientSampleId :



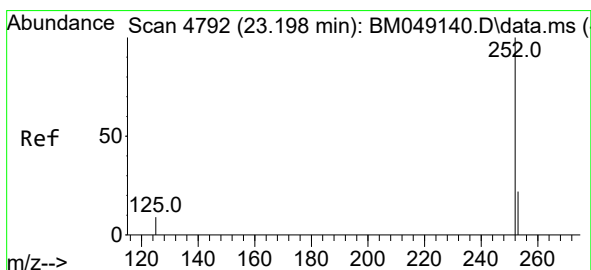
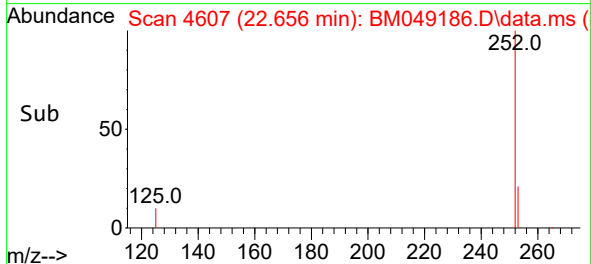
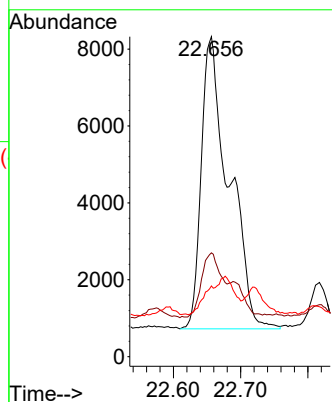
Tgt Ion:252 Resp: 21644

Ion Ratio Lower Upper

252 100

253 32.5 21.3 31.9#

125 22.1 12.6 18.8#



#26

Benzo(a)pyrene

Concen: 0.110 ng/ul

RT: 23.197 min Scan# 4792

Delta R.T. -0.012 min

Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

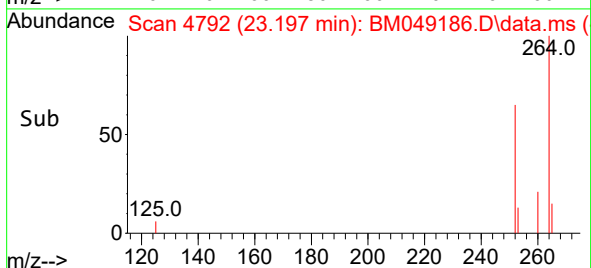
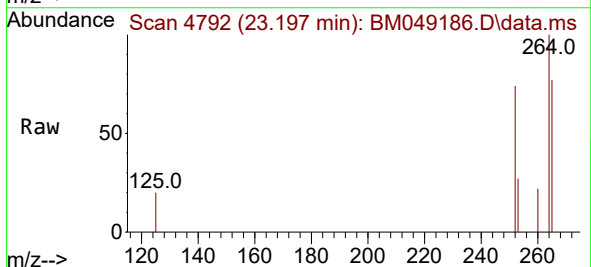
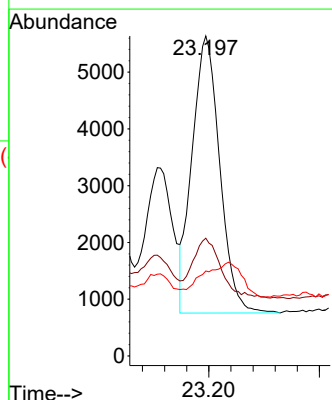
Tgt Ion:252 Resp: 8459

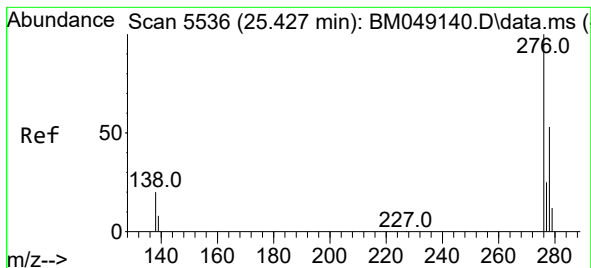
Ion Ratio Lower Upper

252 100

253 36.8 22.4 33.6#

125 26.6 14.8 22.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.072 ng/ul

RT: 25.427 min Scan# 5

Delta R.T. -0.021 min

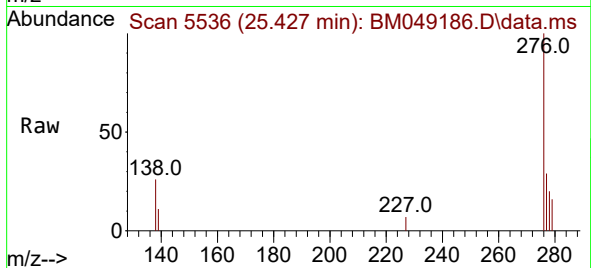
Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

Instrument :

BNA_M

ClientSampleId :



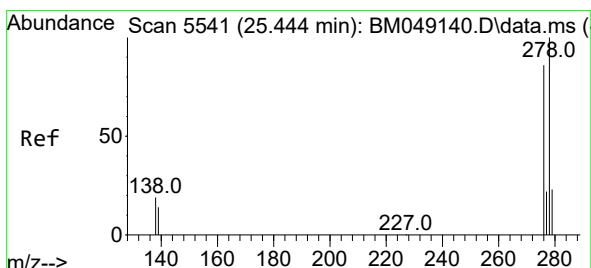
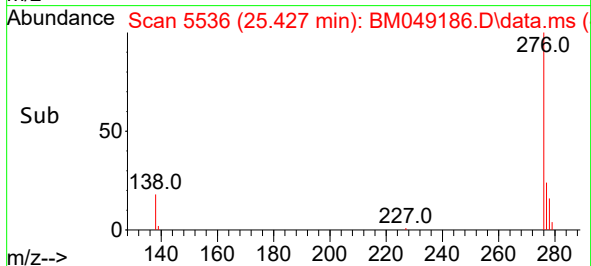
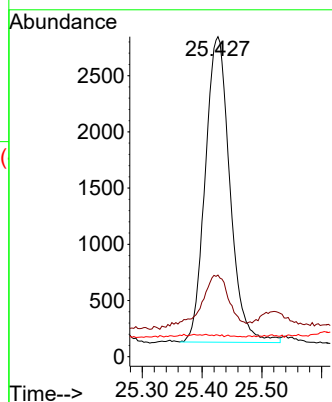
Tgt Ion:276 Resp: 7780

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.2

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.020 ng/ul

RT: 25.433 min Scan# 5538

Delta R.T. -0.034 min

Lab File: BM049186.D

Acq: 24 Dec 2024 15:55

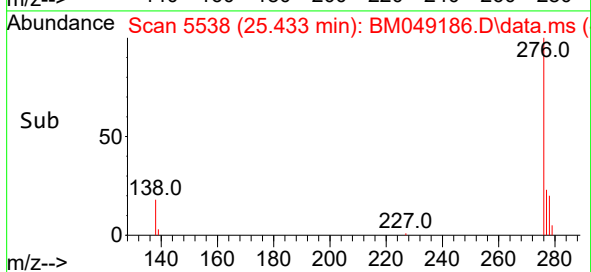
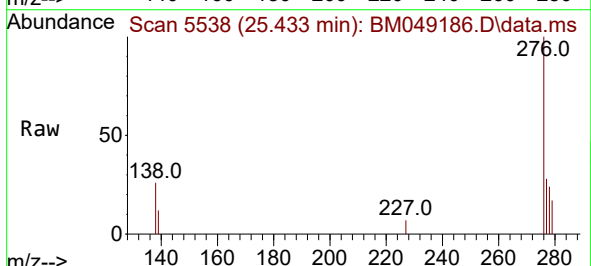
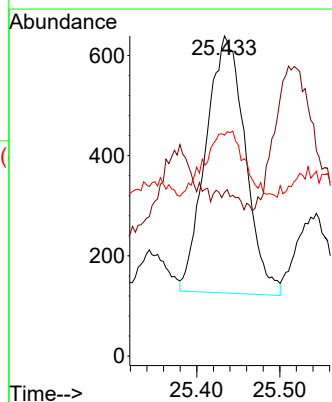
Tgt Ion:278 Resp: 1693

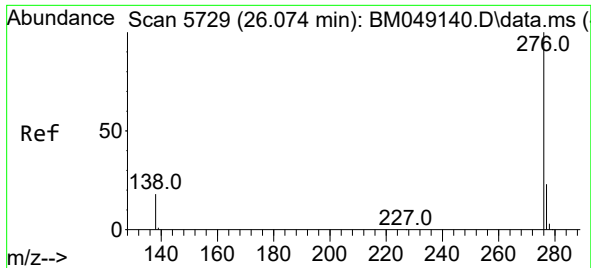
Ion Ratio Lower Upper

278 100

139 51.2 13.5 20.3#

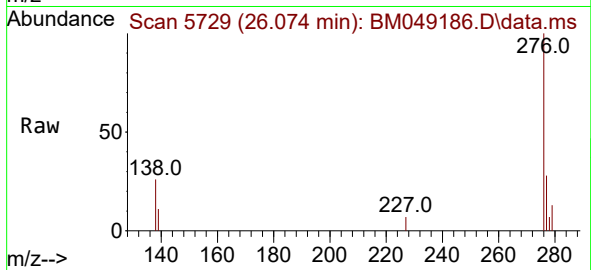
279 69.0 21.5 32.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.086 ng/ul
 RT: 26.074 min Scan# 51
 Delta R.T. -0.021 min
 Lab File: BM049186.D
 Acq: 24 Dec 2024 15:55

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 7521
 Ion Ratio Lower Upper
 276 100
 138 26.5 16.7 25.1#
 277 27.5 19.9 29.9

