

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044131.D
 Acq On : 16 Feb 2024 10:18
 Operator : MA/JU
 Sample : P1305-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP8

Quant Time: Feb 16 22:38:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

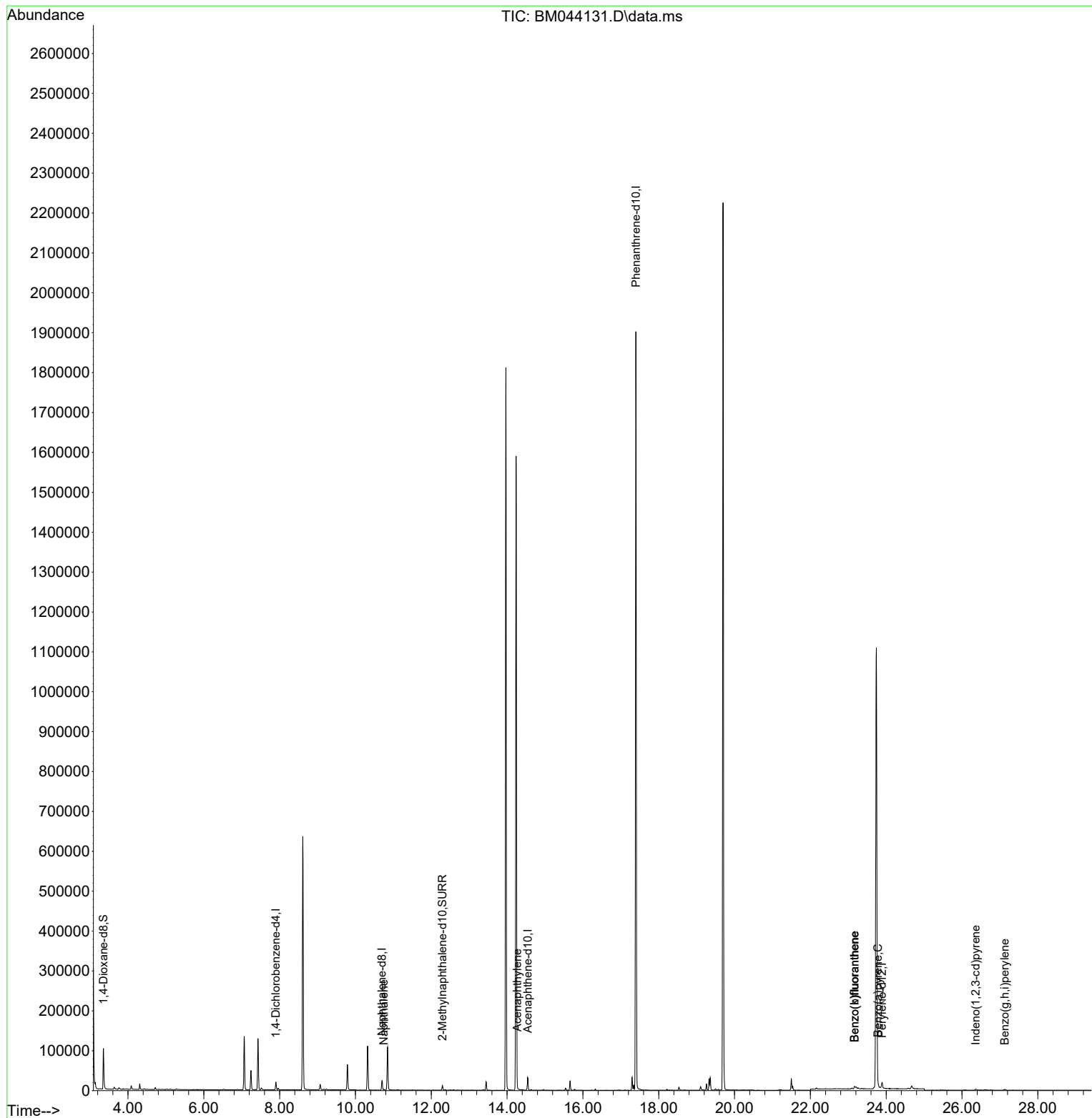
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	9312	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	32105	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	17038	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.398	188	2190093	0.400	ng/ul	# 0.10
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.50
23) Perylene-d12	23.891	264	25654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	67991	5.156	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	15098	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	28761	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	1918	0.020	ng/ul#	81
10) Acenaphthylene	14.265	152	1982	0.021	ng/ul#	80
24) Benzo(b)fluoranthene	23.163	252	10919	0.103	ng/ul#	71
25) Benzo(k)fluoranthene	23.163	252	15313	0.133	ng/ul#	72
26) Benzo(a)pyrene	23.783	252	4472	0.045	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.363	276	4339	0.035	ng/ul#	97
29) Benzo(g,h,i)perylene	27.124	276	4095	0.037	ng/ul#	74

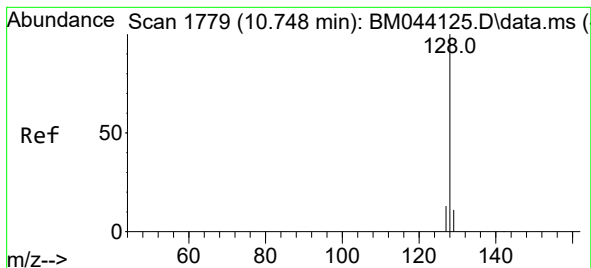
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.020 ng/ul

RT: 10.749 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM044131.D

Acq: 16 Feb 2024 10:18

Instrument :

BNA_M

ClientSampleId :

C0FP8

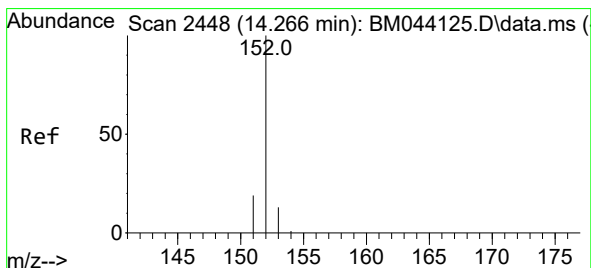
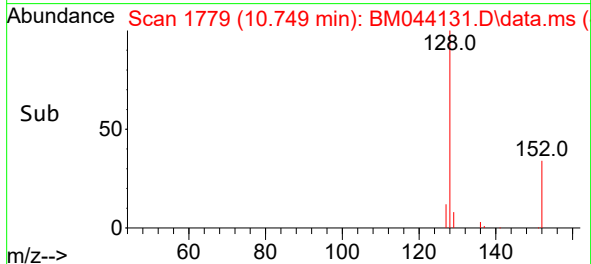
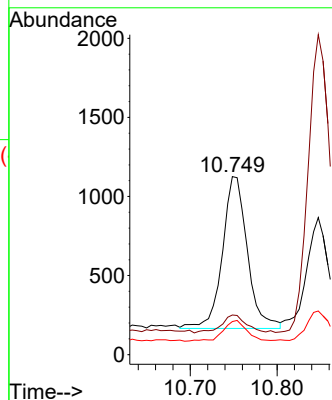
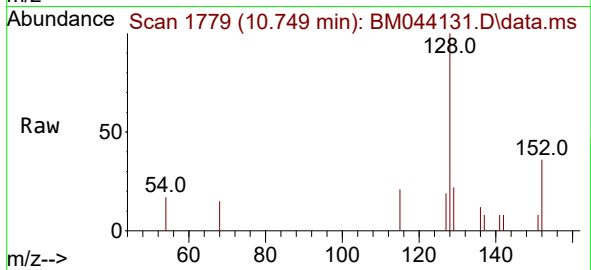
Tgt Ion:128 Resp: 1918

Ion Ratio Lower Upper

128 100

129 22.3 9.5 14.3#

127 18.6 10.7 16.1#



#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.265 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BM044131.D

Acq: 16 Feb 2024 10:18

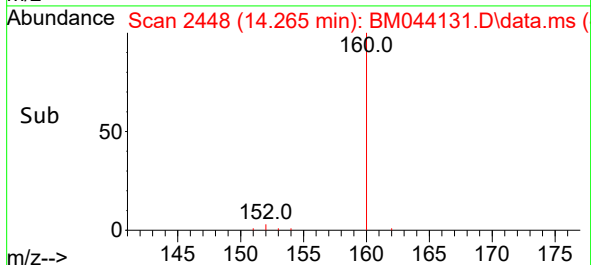
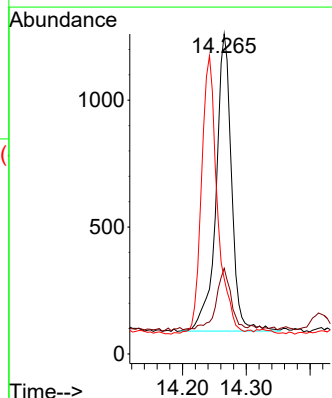
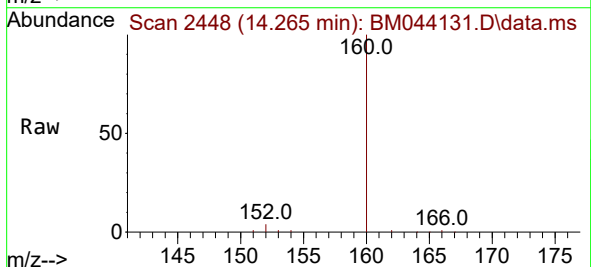
Tgt Ion:152 Resp: 1982

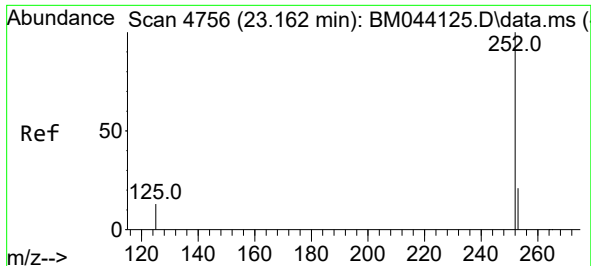
Ion Ratio Lower Upper

152 100

151 26.7 15.5 23.3#

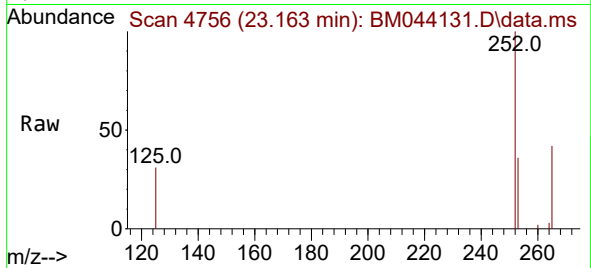
153 23.6 10.8 16.2#



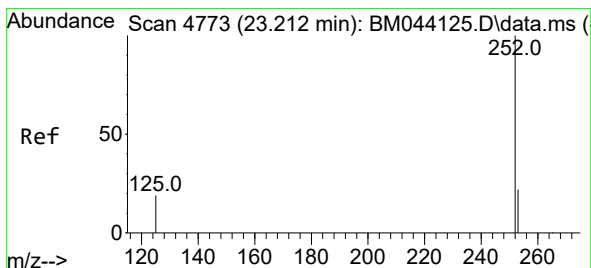
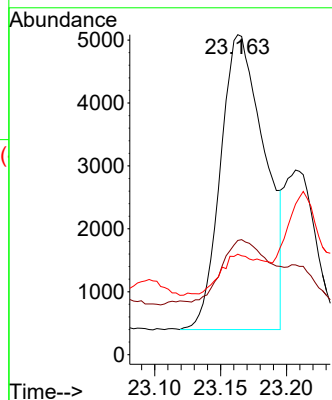


#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

Instrument :
BNA_M
ClientSampleId :
C0FP8

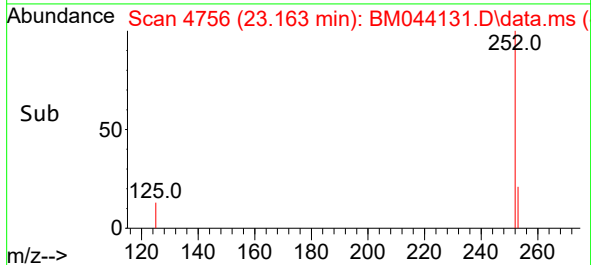
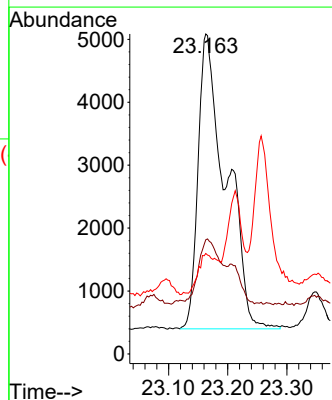
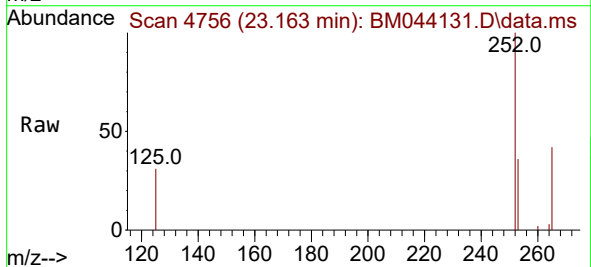


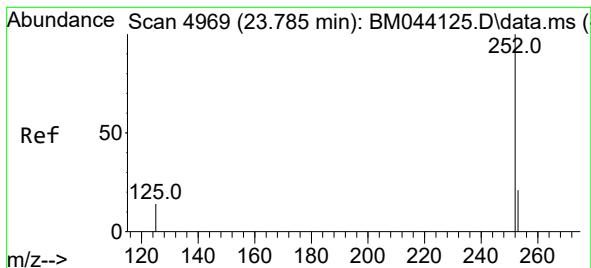
Tgt Ion:252 Resp: 10919
Ion Ratio Lower Upper
252 100
253 35.7 0.0 50.0
125 31.4 0.0 28.2#



#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.049 min
Lab File: BM044131.D
Acq: 16 Feb 2024 10:18

Tgt Ion:252 Resp: 15313
Ion Ratio Lower Upper
252 100
253 35.7 20.1 30.1#
125 31.4 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.045 ng/ul

RT: 23.783 min Scan# 4969

Delta R.T. -0.003 min

Lab File: BM044131.D

Acq: 16 Feb 2024 10:18

Instrument :

BNA_M

ClientSampleId :

C0FP8

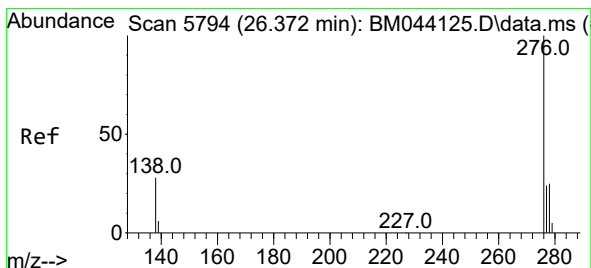
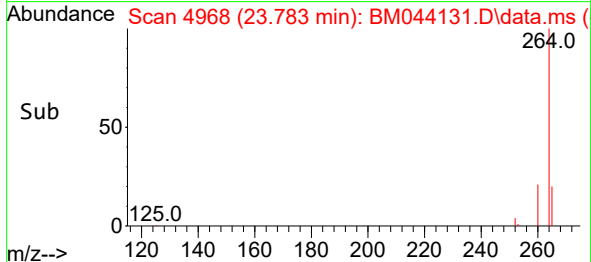
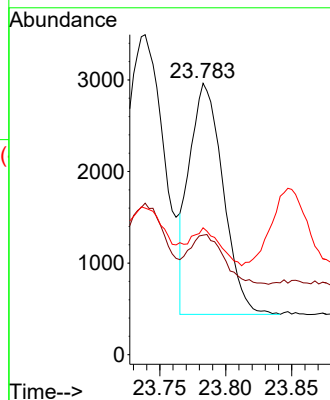
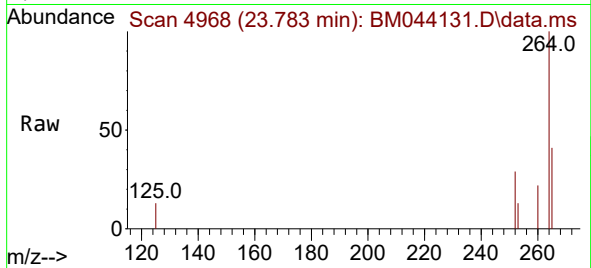
Tgt Ion:252 Resp: 4472

Ion Ratio Lower Upper

252 100

253 44.0 21.4 32.2#

125 46.7 13.3 19.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 26.363 min Scan# 5791

Delta R.T. -0.006 min

Lab File: BM044131.D

Acq: 16 Feb 2024 10:18

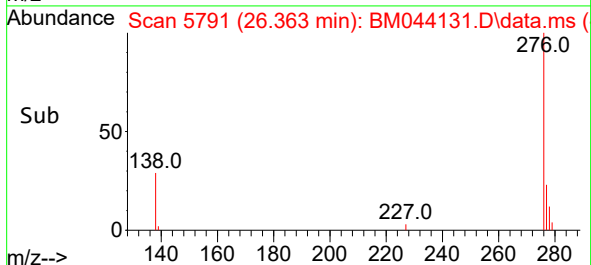
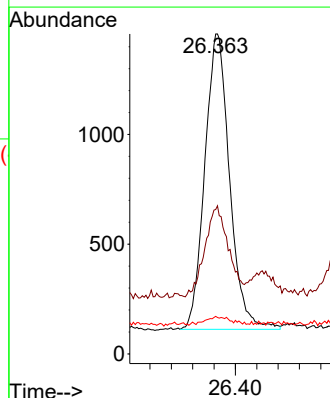
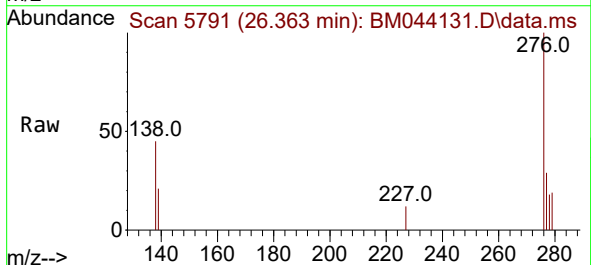
Tgt Ion:276 Resp: 4339

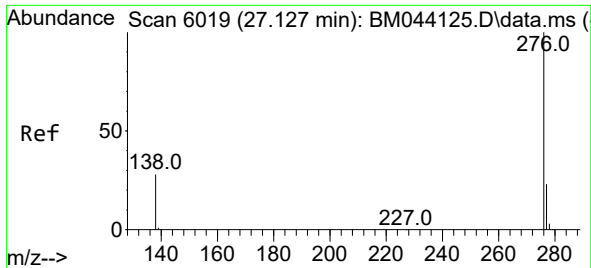
Ion Ratio Lower Upper

276 100

138 29.9 25.2 37.8

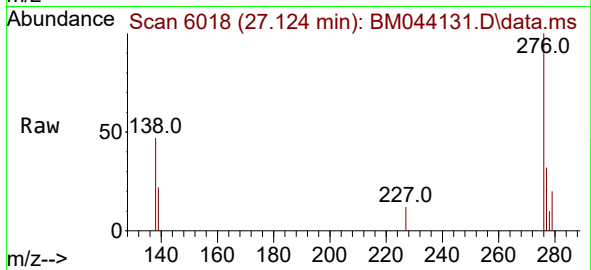
227 2.2 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.037 ng/ul
 RT: 27.124 min Scan# 6018
 Delta R.T. -0.003 min
 Lab File: BM044131.D
 Acq: 16 Feb 2024 10:18

Instrument :
 BNA_M
 ClientSampleId :
 C0FP8



Tgt Ion:276 Resp: 4095
 Ion Ratio Lower Upper
 276 100
 138 46.9 22.7 34.1#
 277 31.7 19.0 28.6#

