

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044149.D
 Acq On : 16 Feb 2024 21:49
 Operator : MA/JU
 Sample : P1352-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN9

Quant Time: Feb 16 22:40:50 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)

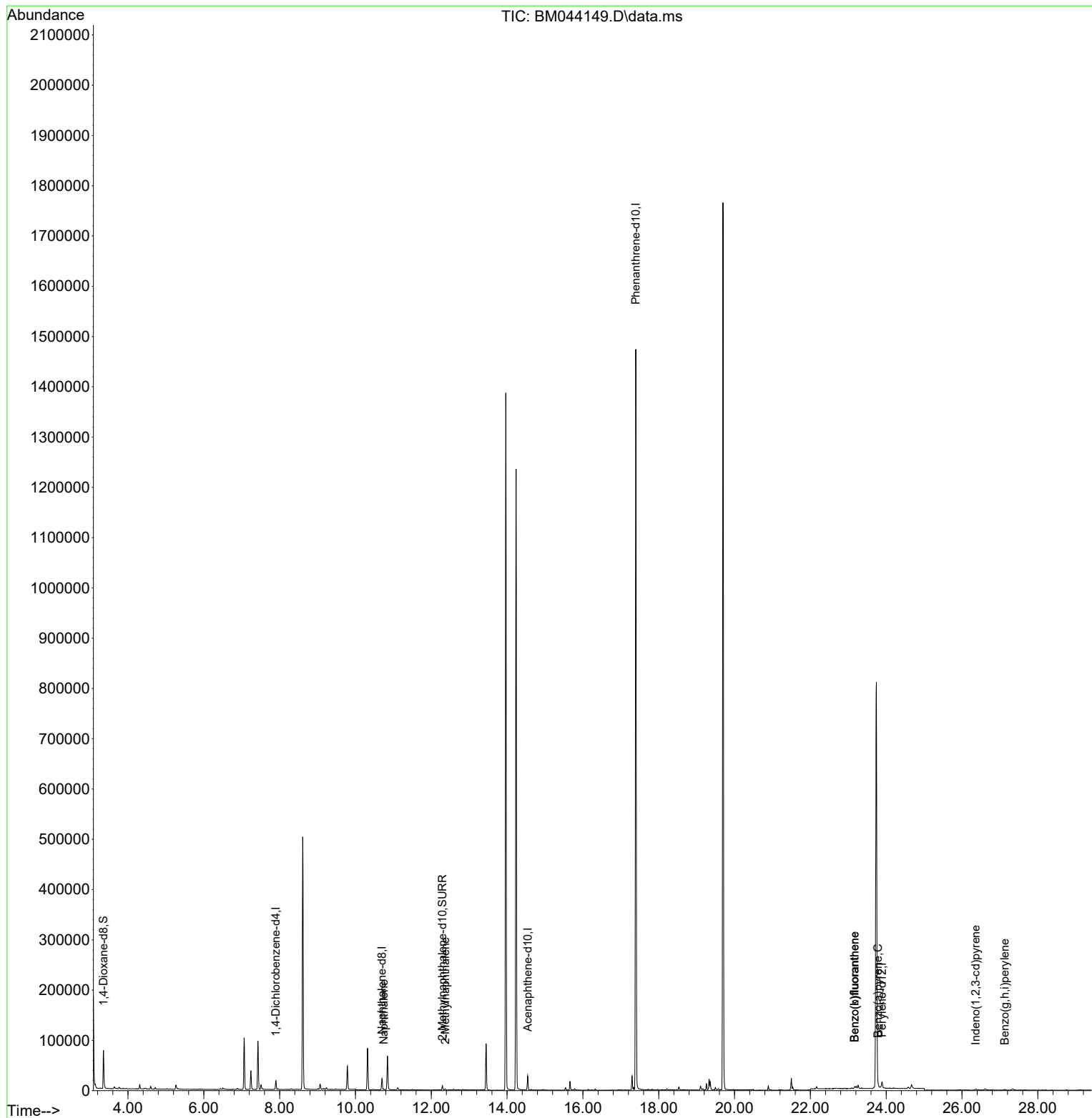
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	8647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	29141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	15211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.394	188	1671562	0.400	ng/ul	# 0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.50
23) Perylene-d12	23.888	264	20708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	49537	4.045	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	11090	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	21444	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	2331	0.027	ng/ul#	85
7) 2-Methylnaphthalene	12.365	142	1537	0.029	ng/ul	100
24) Benzo(b)fluoranthene	23.163	252	6836	0.080	ng/ul#	59
25) Benzo(k)fluoranthene	23.163	252	9710	0.105	ng/ul#	60
26) Benzo(a)pyrene	23.783	252	3687	0.046	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.363	276	2902	0.029	ng/ul#	82
29) Benzo(g,h,i)perylene	27.128	276	2787	0.031	ng/ul#	67

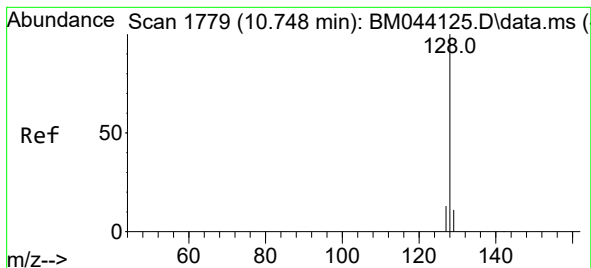
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.027 ng/ul

RT: 10.749 min Scan# 1779

Delta R.T. -0.005 min

Lab File: BM044149.D

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C0FN9

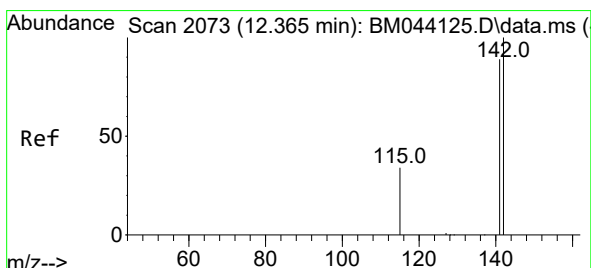
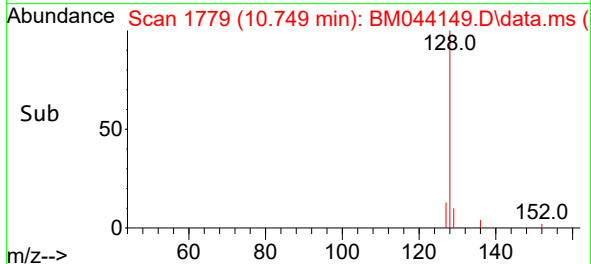
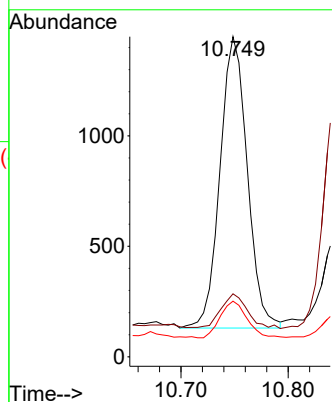
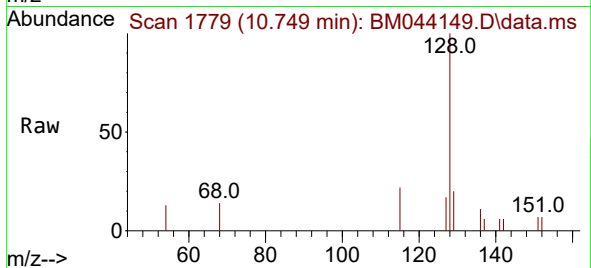
Tgt Ion:128 Resp: 2331

Ion Ratio Lower Upper

128 100

129 19.7 9.5 14.3#

127 17.4 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.365 min Scan# 2073

Delta R.T. -0.005 min

Lab File: BM044149.D

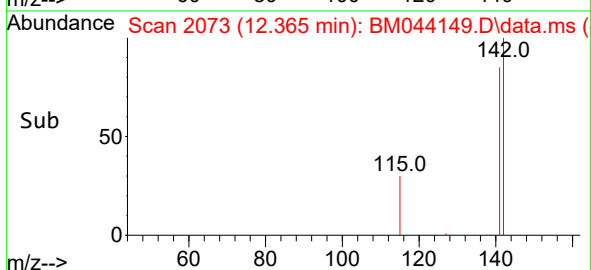
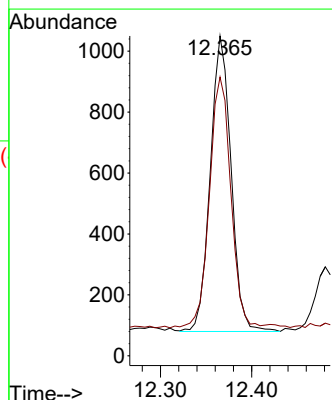
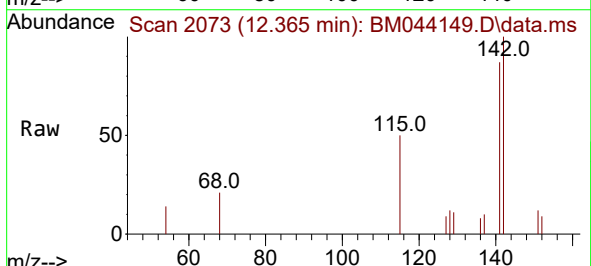
Acq: 16 Feb 2024 21:49

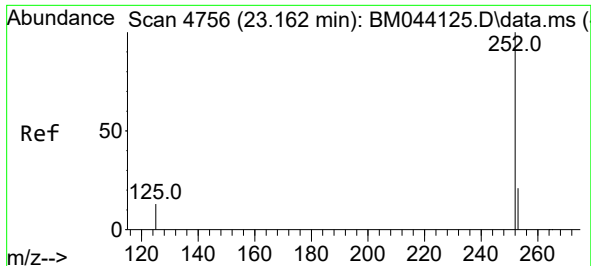
Tgt Ion:142 Resp: 1537

Ion Ratio Lower Upper

142 100

141 88.0 70.0 105.0

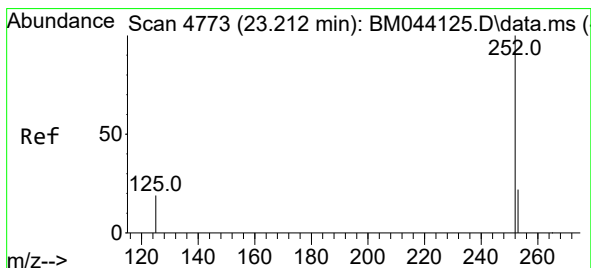
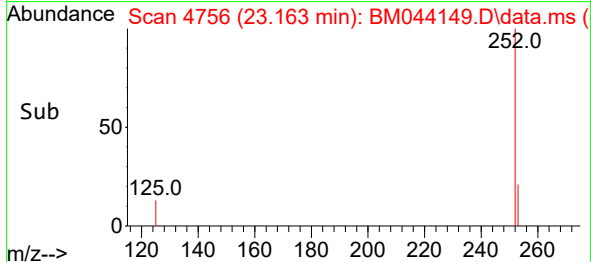
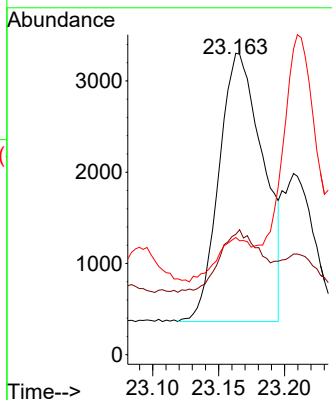
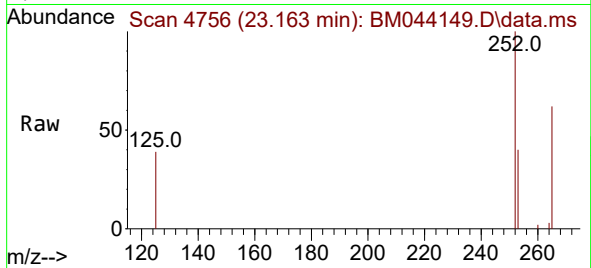




#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

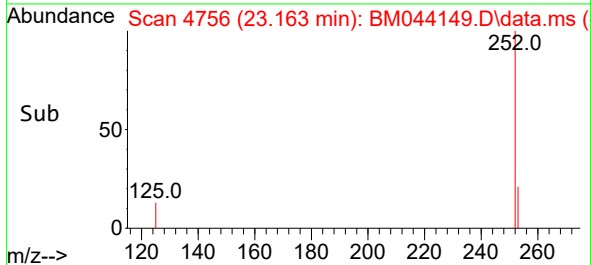
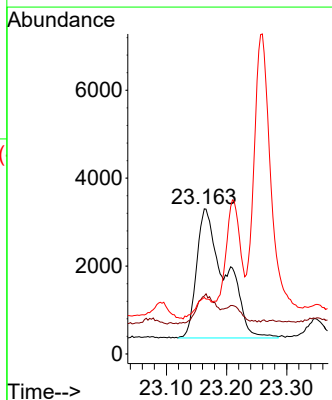
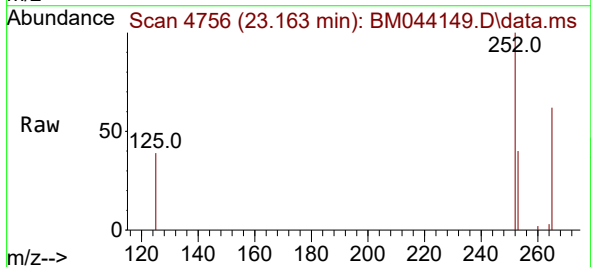
Instrument :
BNA_M
ClientSampleId :
C0FN9

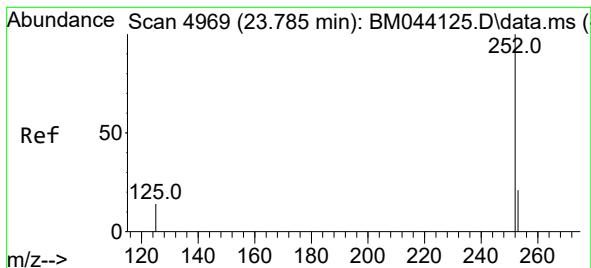
Tgt Ion:252 Resp: 6836
Ion Ratio Lower Upper
252 100
253 39.9 0.0 50.0
125 38.9 0.0 28.2#



#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.050 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

Tgt Ion:252 Resp: 9710
Ion Ratio Lower Upper
252 100
253 39.9 20.1 30.1#
125 38.9 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.046 ng/ul

RT: 23.783 min Scan# 4969

Delta R.T. -0.003 min

Lab File: BM044149.D

Acq: 16 Feb 2024 21:49

Instrument :

BNA_M

ClientSampleId :

C0FN9

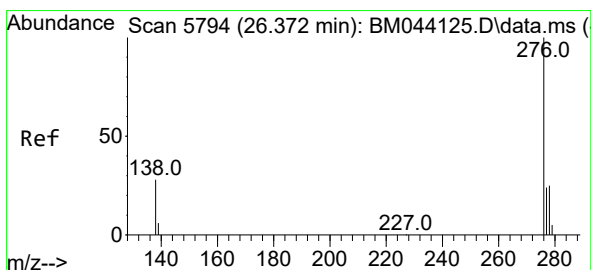
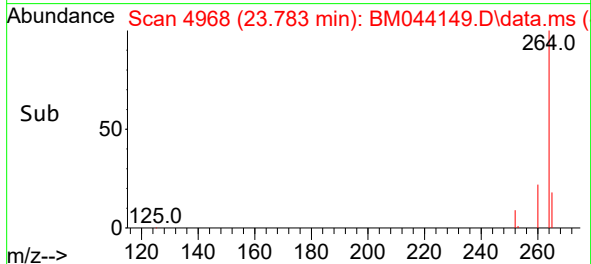
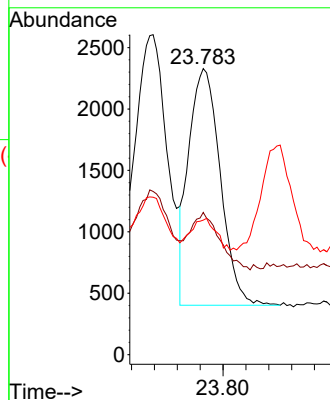
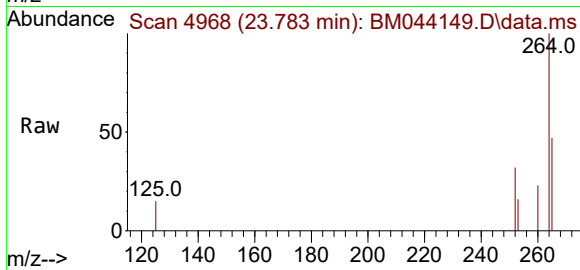
Tgt Ion:252 Resp: 3687

Ion Ratio Lower Upper

252 100

253 49.7 21.4 32.2#

125 47.1 13.3 19.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 26.363 min Scan# 5791

Delta R.T. -0.007 min

Lab File: BM044149.D

Acq: 16 Feb 2024 21:49

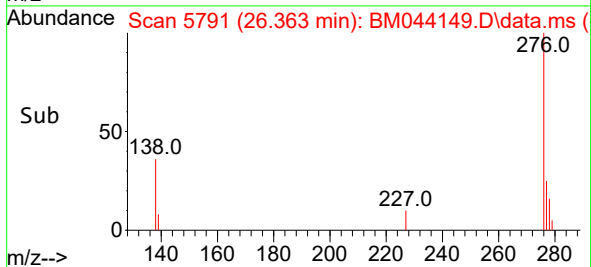
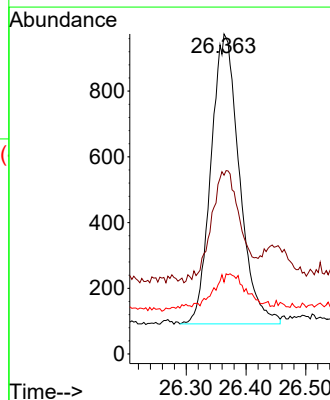
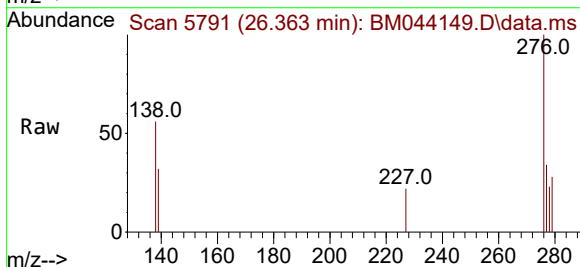
Tgt Ion:276 Resp: 2902

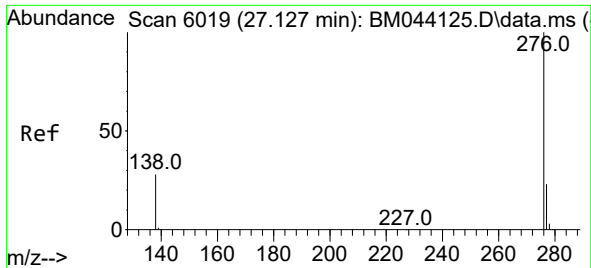
Ion Ratio Lower Upper

276 100

138 41.6 25.2 37.8#

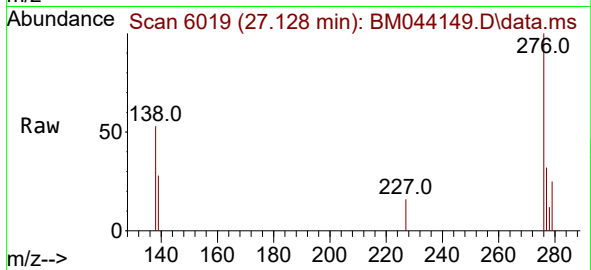
227 14.3 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM044149.D
Acq: 16 Feb 2024 21:49

Instrument :
BNA_M
ClientSampleId :
C0FN9



Tgt Ion:276 Resp: 2787
Ion Ratio Lower Upper
276 100
138 52.8 22.7 34.1#
277 32.0 19.0 28.6#

