

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021984.D
 Acq On : 10 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4116-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:24:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

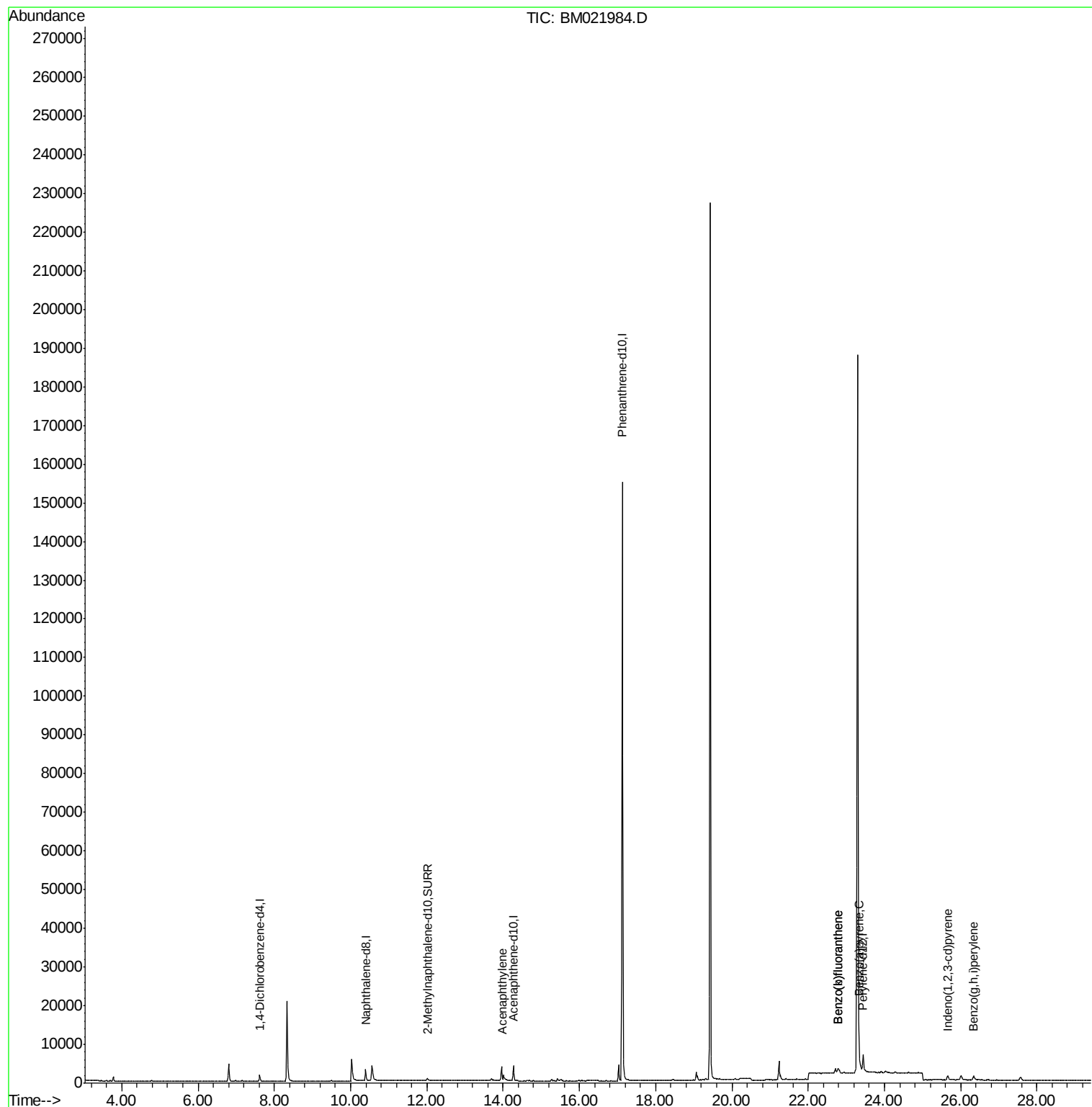
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	940	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4065	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2223	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	189501	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	7079	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	958	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	62	0.00	ng/ul	0.09
Target Compounds				Ovalue		
7) Acenaphthylene	13.99	152	287	0.028	ng/ul#	60
21) Benzo(b)fluoranthene	22.78	252	2123	0.089	ng/ul#	40
22) Benzo(k)fluoranthene	22.78	252	2118	0.078	ng/ul#	39
23) Benzo(a)pyrene	23.34	252	917	0.038	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.66	276	1616	0.056	ng/ul#	90
26) Benzo(g,h,i)perylene	26.34	276	2241	0.086	ng/ul#	80

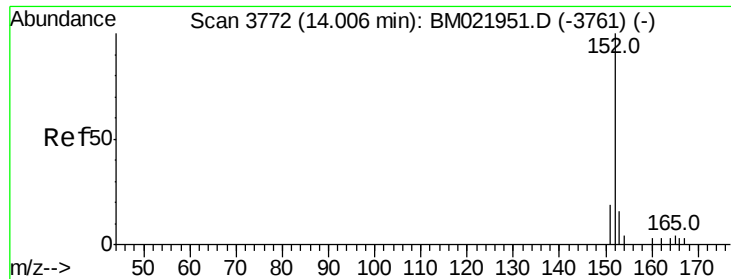
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021984.D

Acq: 10 Aug 2019 00:08

Instrument :

BNA_M

ClientSampleId :

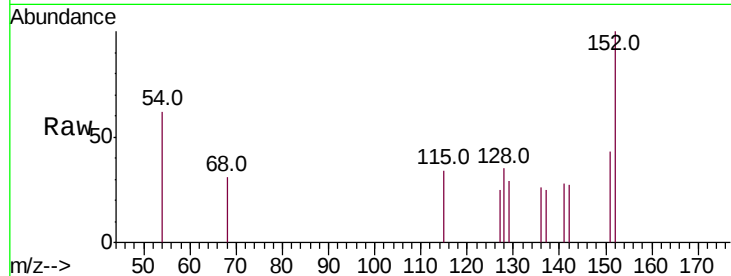
Tot Ion:152 Resp: 287

Ion Ratio Lower Upper

152 100

151 42.7 18.3 27.5#

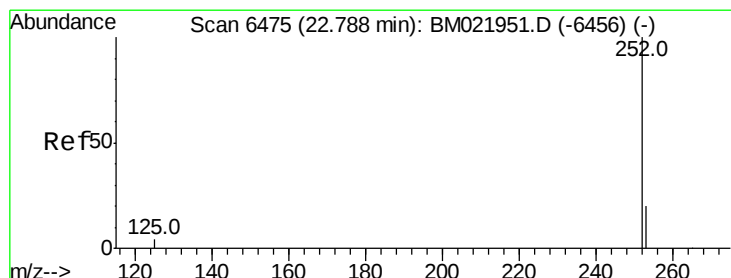
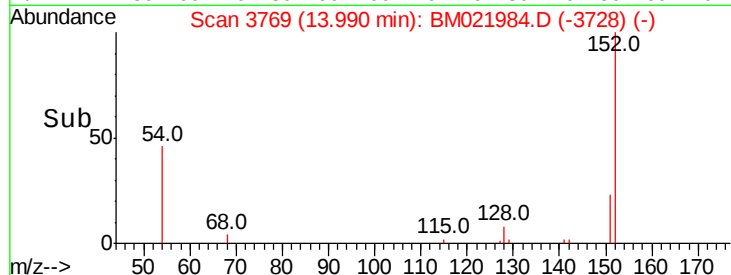
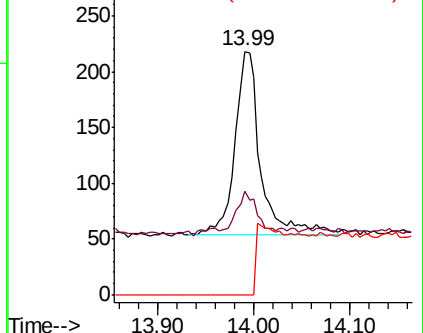
153 0.0 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#21

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM021984.D

Acq: 10 Aug 2019 00:08

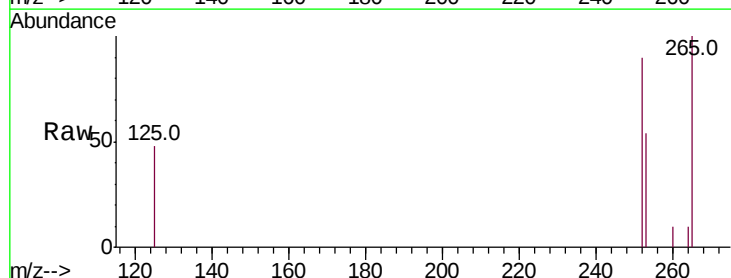
Tgt Ion:252 Resp: 2123

Ion Ratio Lower Upper

252 100

253 60.1 0.0 67.4

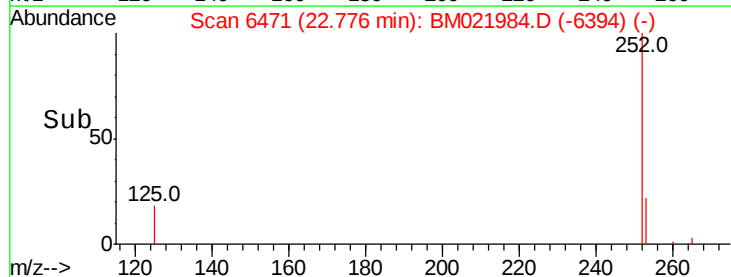
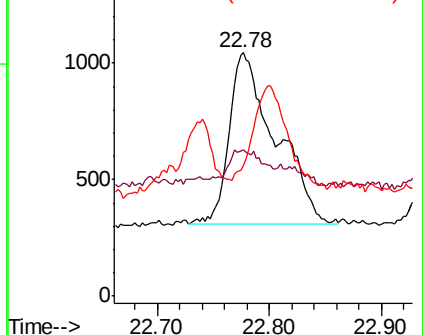
125 53.8 0.0 31.0#

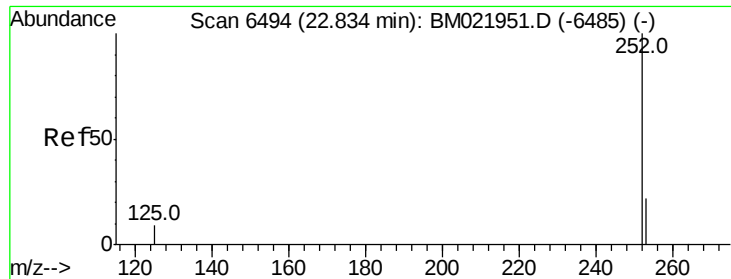


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.078 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.06 min

Lab File: BM021984.D

Acq: 10 Aug 2019 00:08

Instrument :

BNA_M

ClientSampleId :

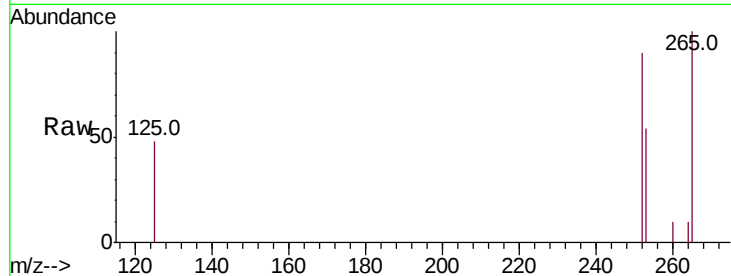
Tot Ion:252 Resp: 2118

Ion Ratio Lower Upper

252 100

253 60.1 27.0 40.4#

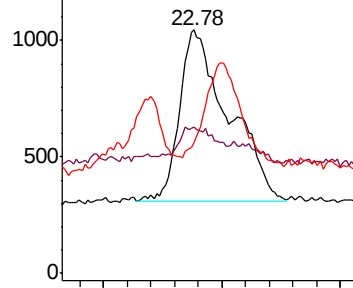
125 53.8 12.2 18.2#



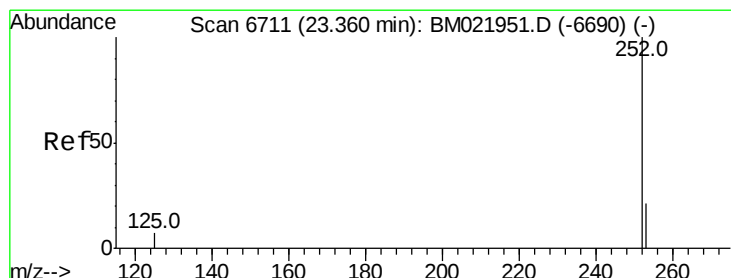
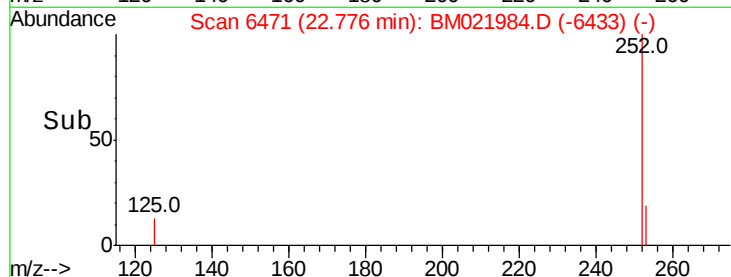
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.34 min Scan# 6703

Delta R.T. -0.02 min

Lab File: BM021984.D

Acq: 10 Aug 2019 00:08

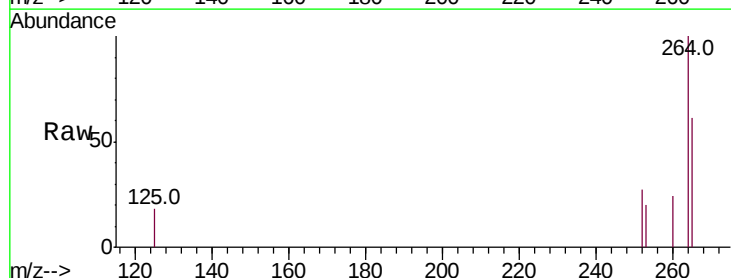
Tgt Ion:252 Resp: 917

Ion Ratio Lower Upper

252 100

253 73.6 31.7 47.5#

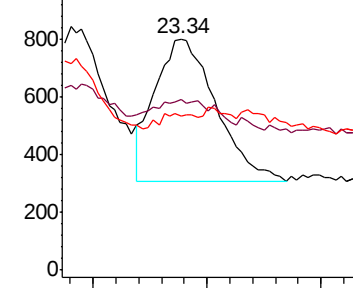
125 66.7 14.6 21.8#



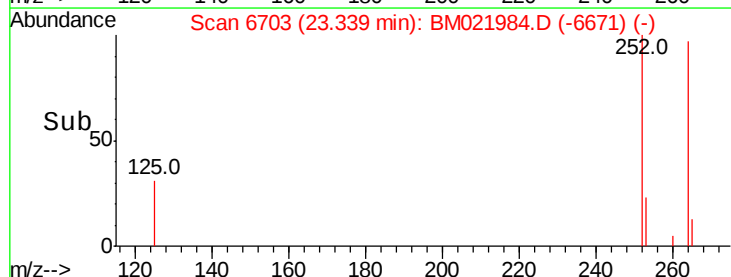
Abundance Ion 252.00 (251.70 to 252.70): E

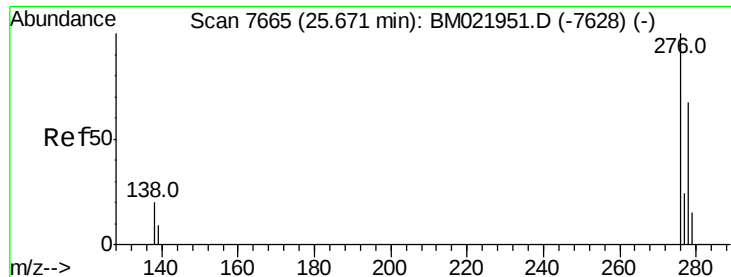
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



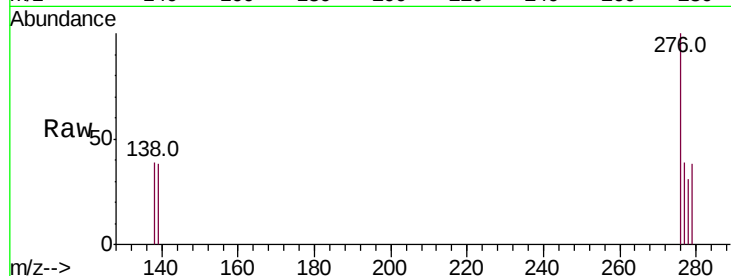


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.66 min Scan# 7662
Delta R.T. -0.01 min
Lab File: BM021984.D
Acq: 10 Aug 2019 00:08

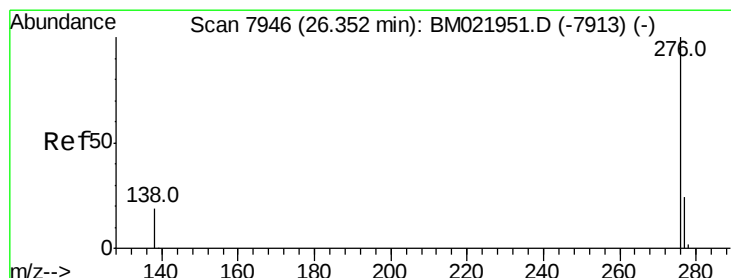
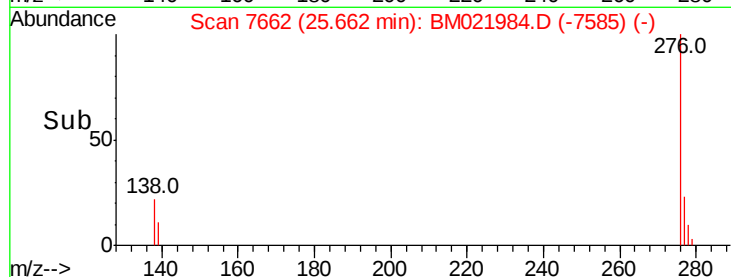
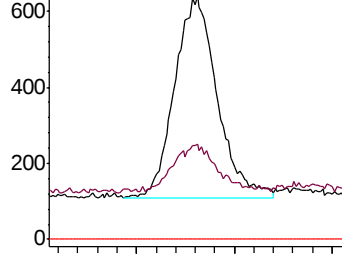
Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 1616
Ion Ratio Lower Upper
276 100
138 23.2 15.1 22.7#
227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

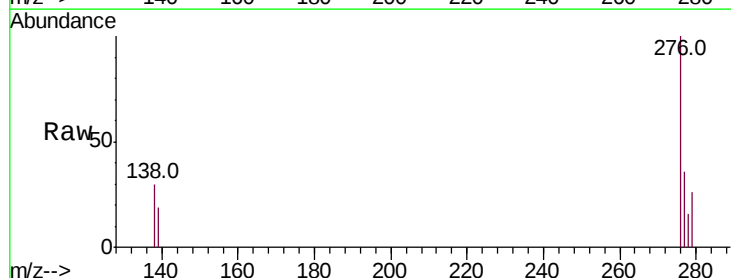
25.66



#26

Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 26.34 min Scan# 7942
Delta R.T. -0.02 min
Lab File: BM021984.D
Acq: 10 Aug 2019 00:08

Tgt Ion:276 Resp: 2241
Ion Ratio Lower Upper
276 100
138 29.8 15.5 23.3#
277 36.0 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

26.34

