

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021989.D
 Acq On : 10 Aug 2019 03:15
 Operator : HP/JU
 Sample : K4041-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:24:35 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

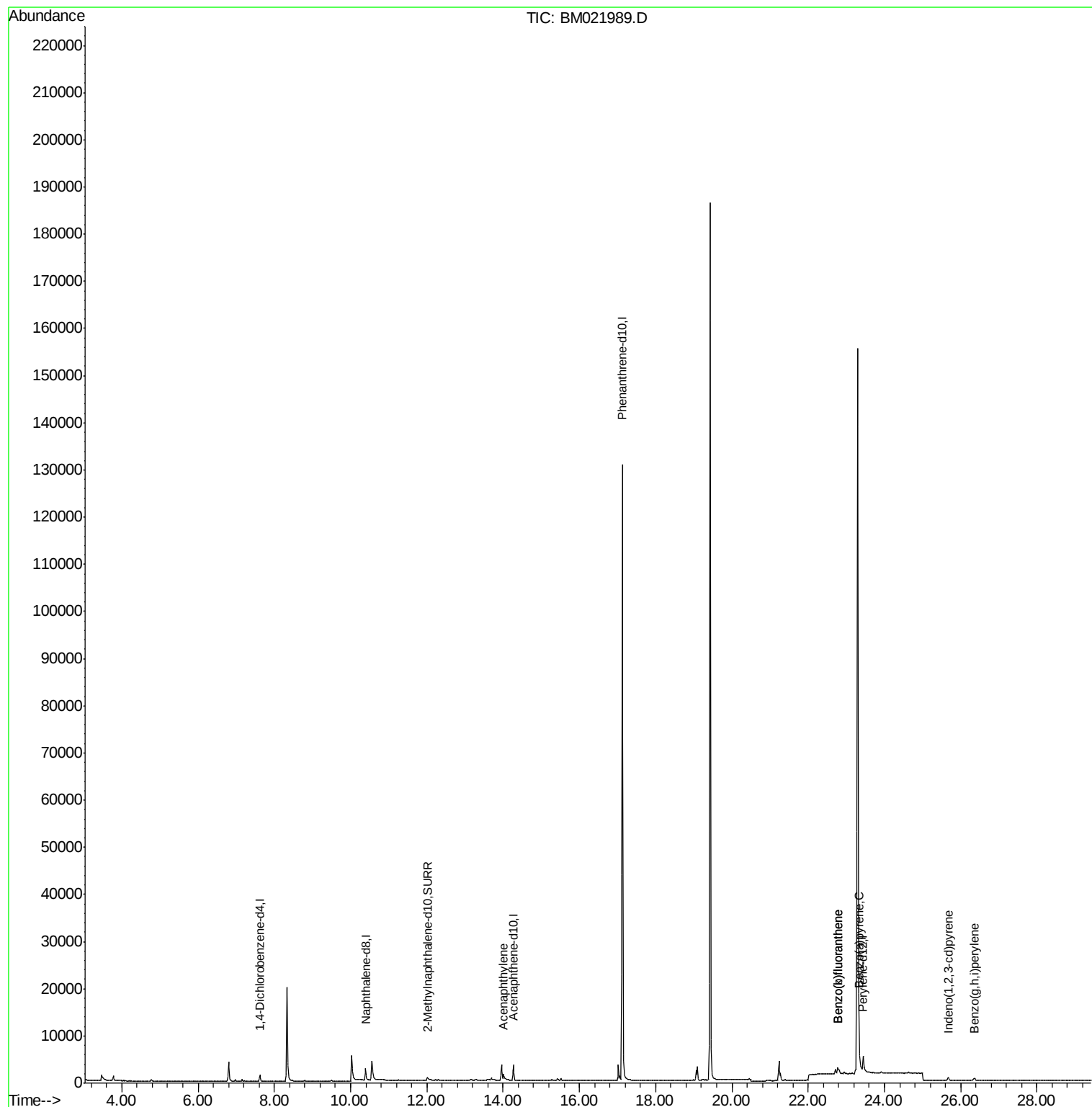
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3362	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1836	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	164065	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.45	264	6135	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1048	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	14.00	152	320	0.037	ng/ul#	64
21) Benzo(b)fluoranthene	22.78	252	3099	0.150	ng/ul	74
22) Benzo(k)fluoranthene	22.78	252	3049	0.130	ng/ul#	73
23) Benzo(a)pyrene	23.34	252	1487	0.071	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.67	276	1128	0.045	ng/ul#	97
26) Benzo(g,h,i)perylene	26.36	276	1203	0.053	ng/ul#	71

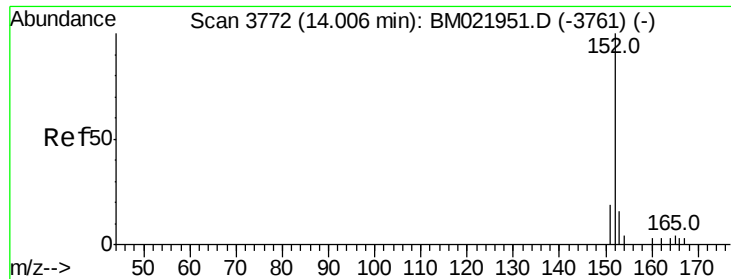
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021989.D

Acq: 10 Aug 2019 03:15

Instrument :

BNA_M

ClientSampleId :

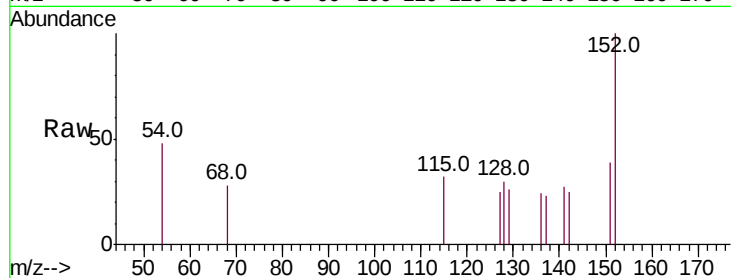
Tot Ion:152 Resp: 320

Ion Ratio Lower Upper

152 100

151 39.5 18.3 27.5#

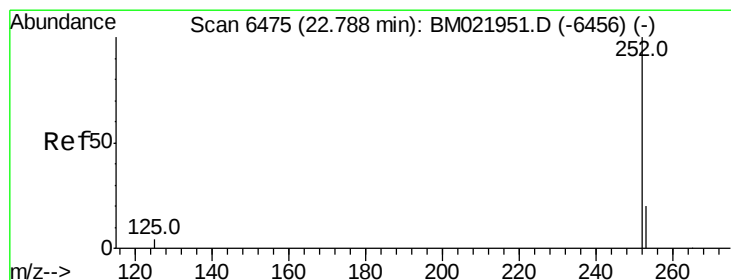
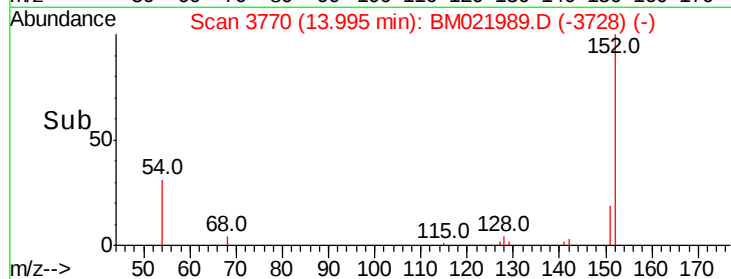
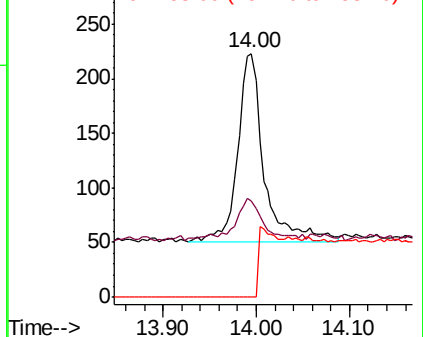
153 0.0 12.8 19.2#



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: 0.150 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM021989.D

Acq: 10 Aug 2019 03:15

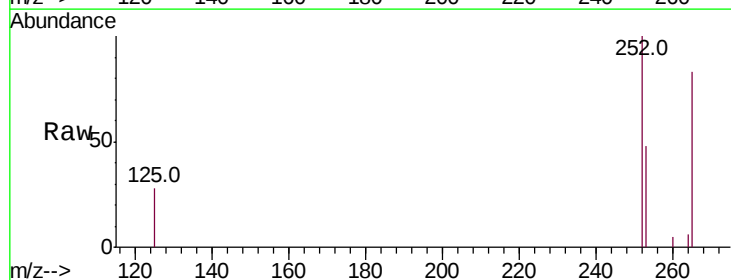
Tgt Ion:252 Resp: 3099

Ion Ratio Lower Upper

252 100

253 47.8 0.0 67.4

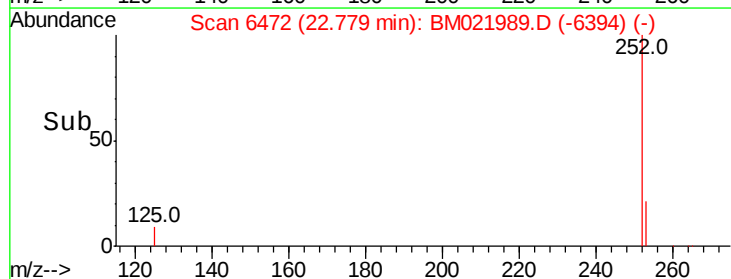
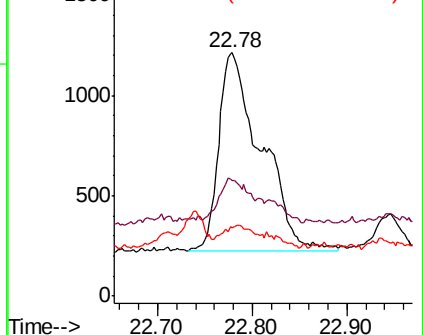
125 28.3 0.0 31.0

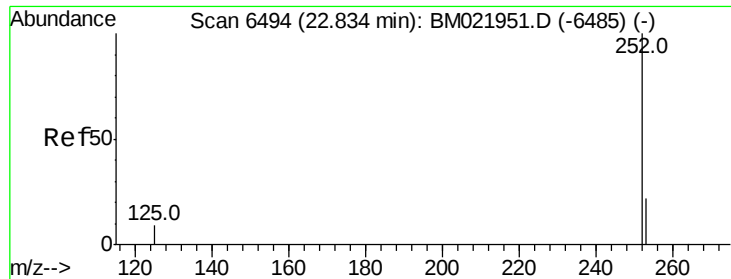


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.130 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.06 min

Lab File: BM021989.D

Acq: 10 Aug 2019 03:15

Instrument :

BNA_M

ClientSampleId :

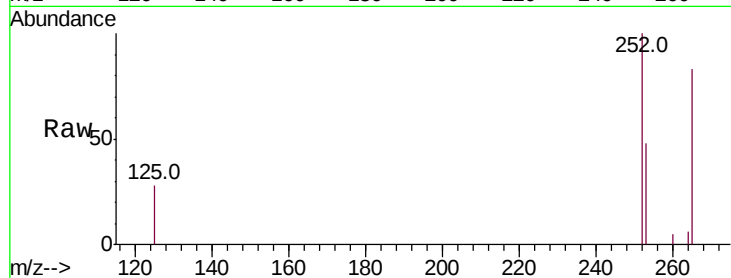
Tot Ion:252 Resp: 3049

Ion Ratio Lower Upper

252 100

253 47.8 27.0 40.4#

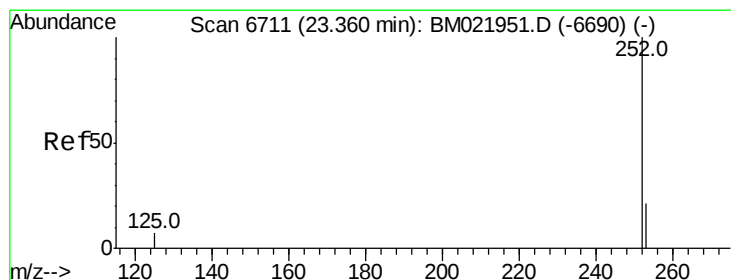
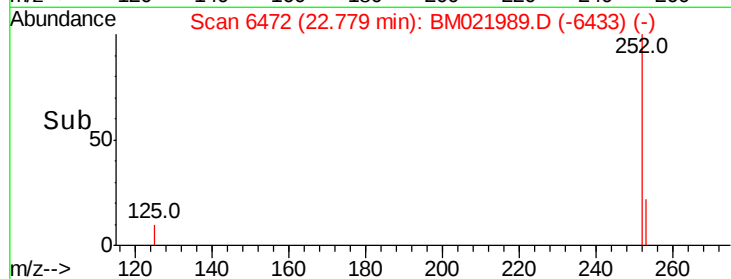
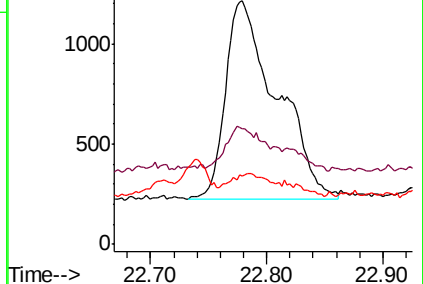
125 28.3 12.2 18.2#



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



#23

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 23.34 min Scan# 6704

Delta R.T. -0.02 min

Lab File: BM021989.D

Acq: 10 Aug 2019 03:15

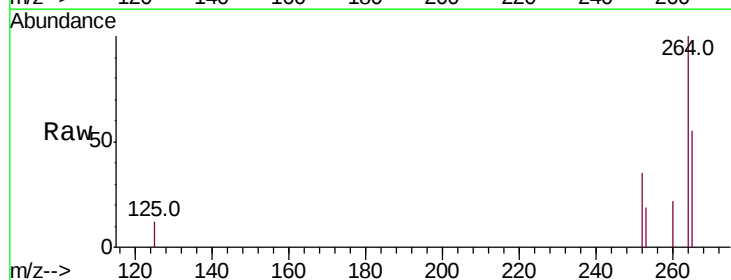
Tgt Ion:252 Resp: 1487

Ion Ratio Lower Upper

252 100

253 53.1 31.7 47.5#

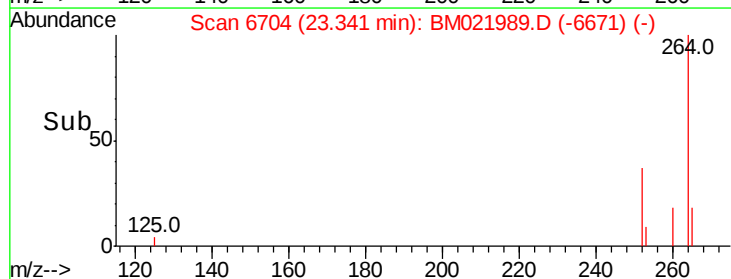
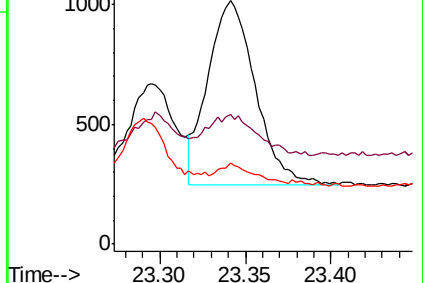
125 33.0 14.6 21.8#

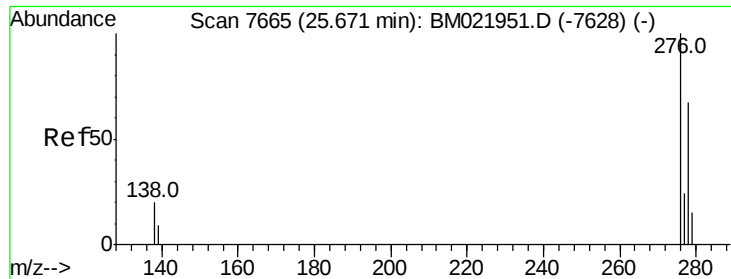


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



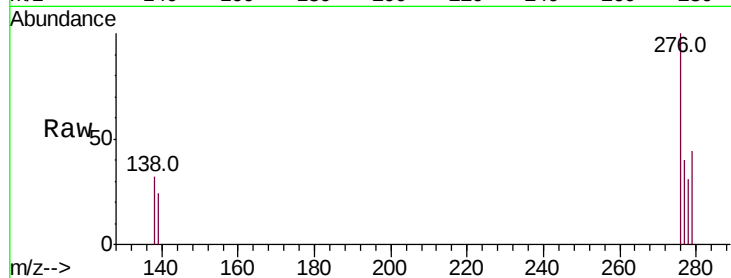


#24

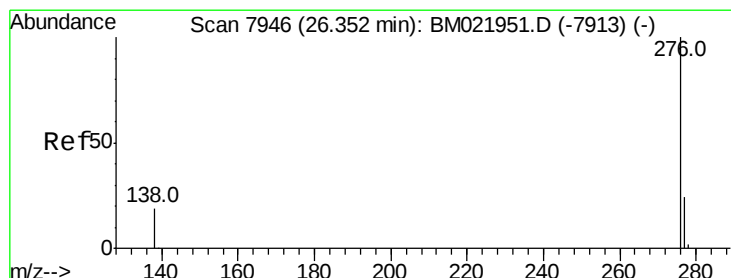
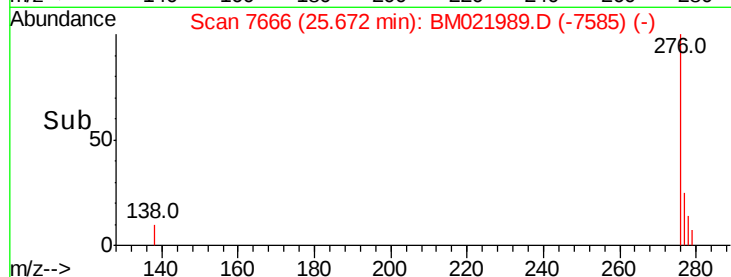
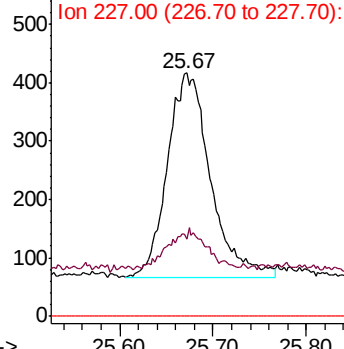
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.00 min
Lab File: BM021989.D
Acq: 10 Aug 2019 03:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 1128
Ion Ratio Lower Upper
276 100
138 17.4 15.1 22.7
227 0.0 0.0 0.0



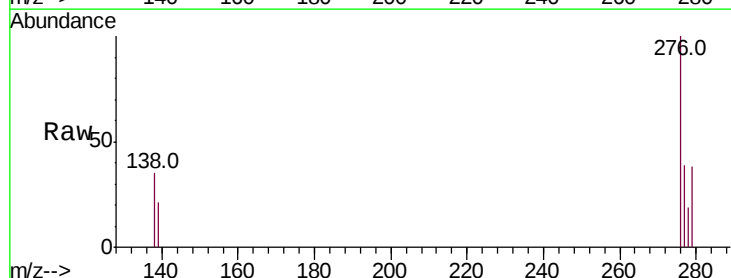
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 26.36 min Scan# 7948
Delta R.T. -0.00 min
Lab File: BM021989.D
Acq: 10 Aug 2019 03:15

Tgt Ion:276 Resp: 1203
Ion Ratio Lower Upper
276 100
138 35.4 15.5 23.3#
277 39.4 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

