

Data File : BM022079.D
Acq On : 13 Aug 2019 20:38
Operator : HP/JU
Sample : K4183-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG3

Quant Time: Aug 14 07:22:23 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 : Wed Aug 14 07:18:38 2019
Response via : Initial Calibration

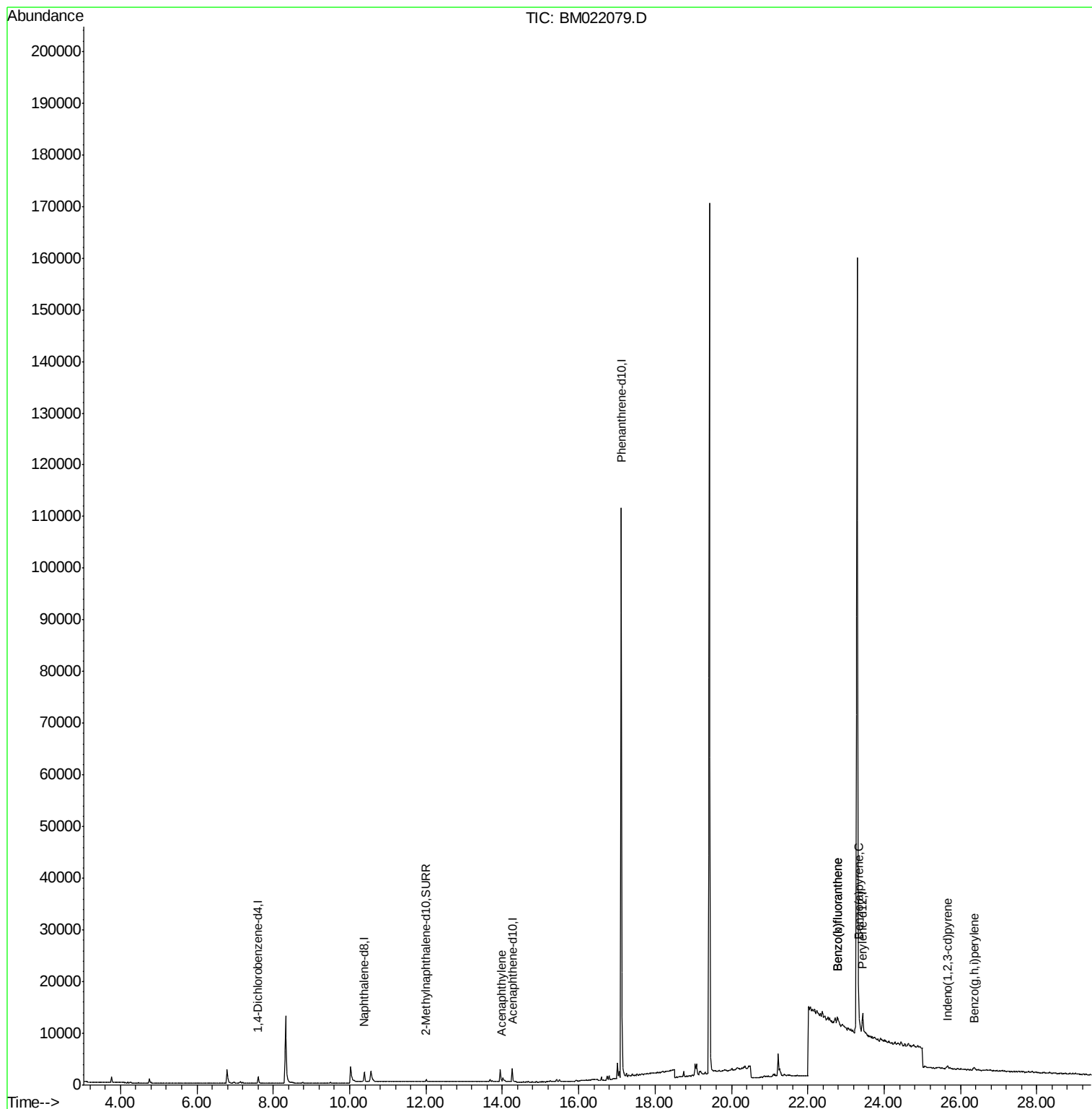
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	662	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	2711	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1475	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	134516	0.40	ng/ul	0.07
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	5036	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	734	0.16	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	13.98	152	155	0.023	ng/ul#	41
21) Benzo(b)fluoranthene	22.78	252	2466	0.145	ng/ul#	1
22) Benzo(k)fluoranthene	22.78	252	2466	0.128	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	1074	0.062	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.66	276	887	0.043	ng/ul#	76
26) Benzo(g,h,i)perylene	26.34	276	940	0.051	ng/ul#	1

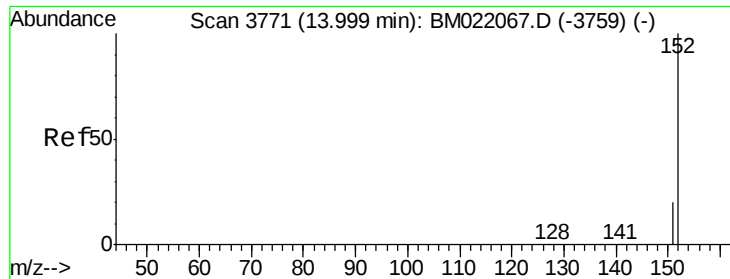
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

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Instrument :

BNA_M

ClientSampleId :

C0AG3

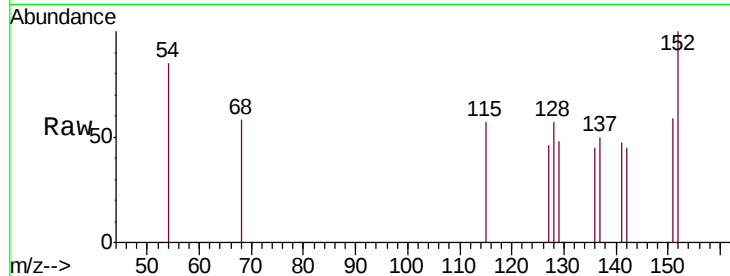
Tgt Ion:152 Resp: 155

Ion Ratio Lower Upper

152 100

151 58.7 18.3 27.5#

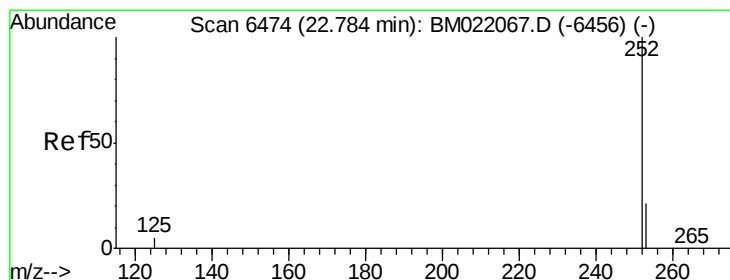
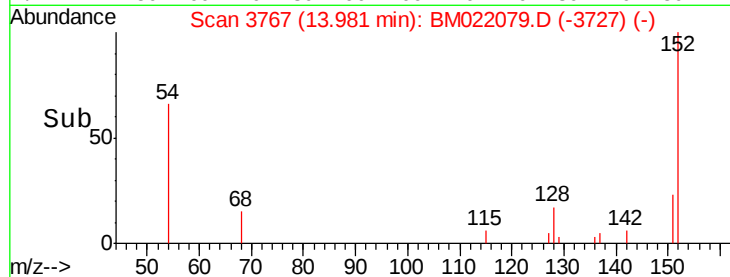
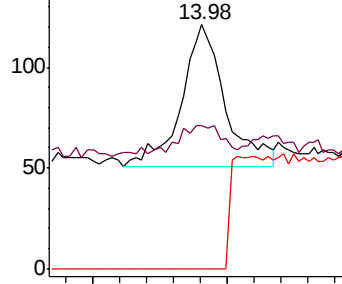
153 0.0 12.8 19.2#



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: 0.145 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM022079.D

Acq: 13 Aug 2019 20:38

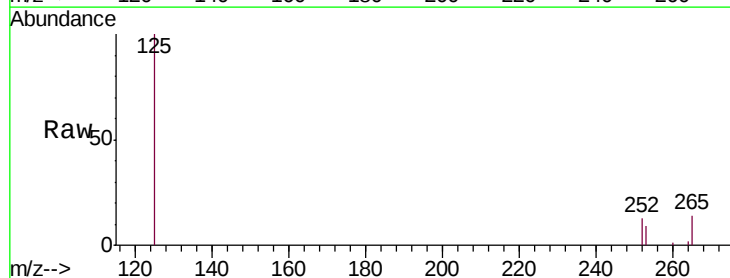
Tgt Ion:252 Resp: 2466

Ion Ratio Lower Upper

252 100

253 68.5 0.0 67.4#

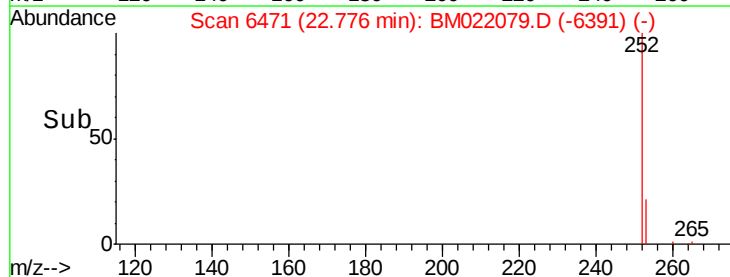
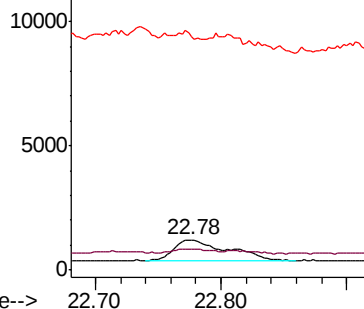
125 766.1 0.0 31.0#

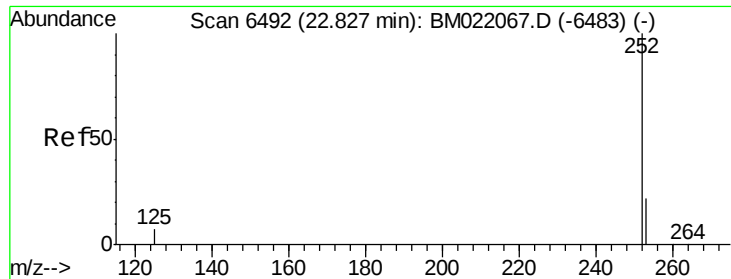


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.128 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.05 min

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Acq: 13 Aug 2019 20:38

Instrument :

BNA_M

ClientSampleId :

C0AG3

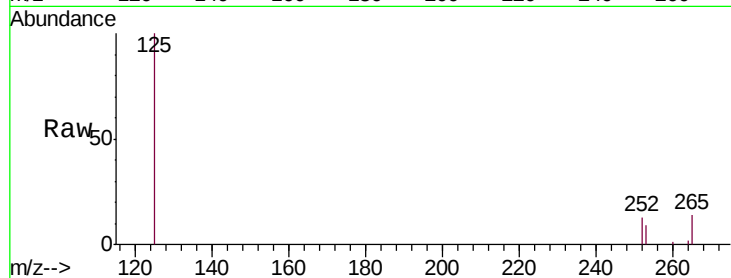
Tgt Ion:252 Resp: 2466

Ion Ratio Lower Upper

252 100

253 68.5 27.0 40.4#

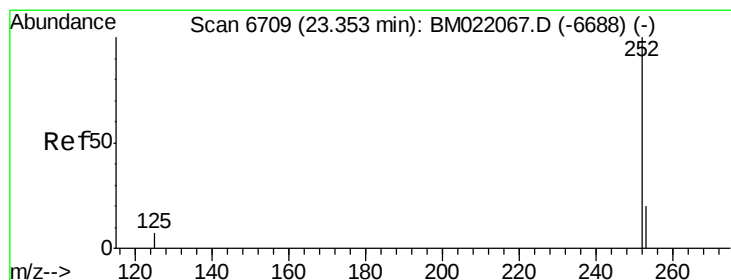
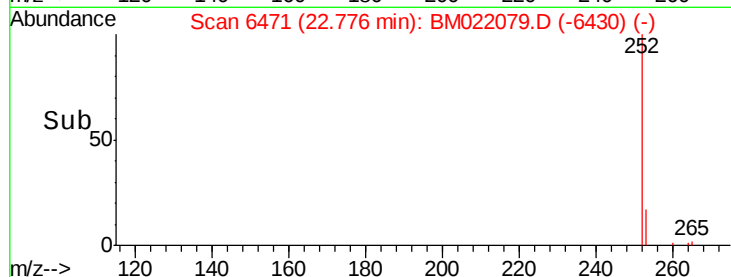
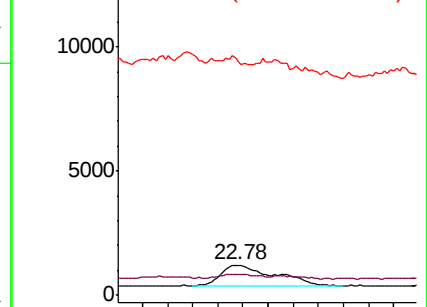
125 766.1 12.2 18.2#



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: 0.062 ng/ul

RT: 23.33 min Scan# 6701

Delta R.T. -0.02 min

Lab File: BM022079.D

Acq: 13 Aug 2019 20:38

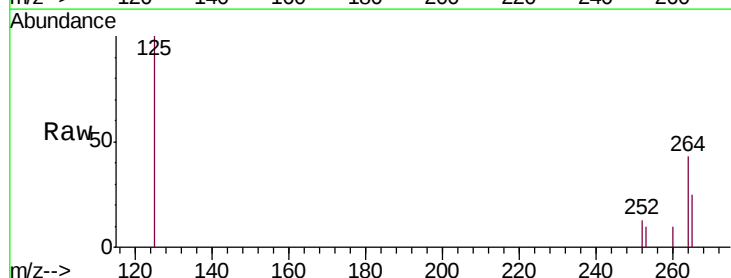
Tgt Ion:252 Resp: 1074

Ion Ratio Lower Upper

252 100

253 78.8 31.7 47.5#

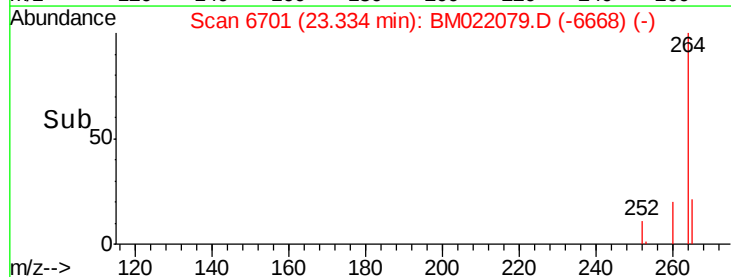
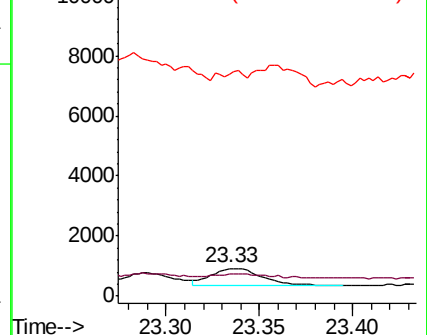
125 795.8 14.6 21.8#

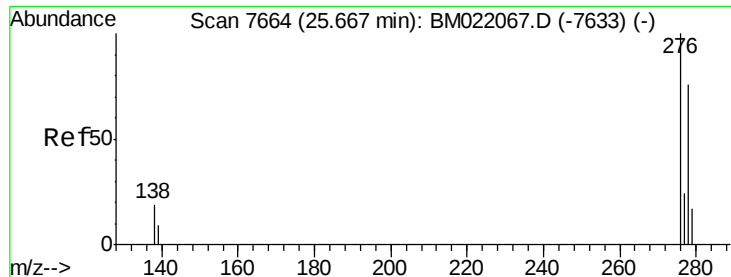


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



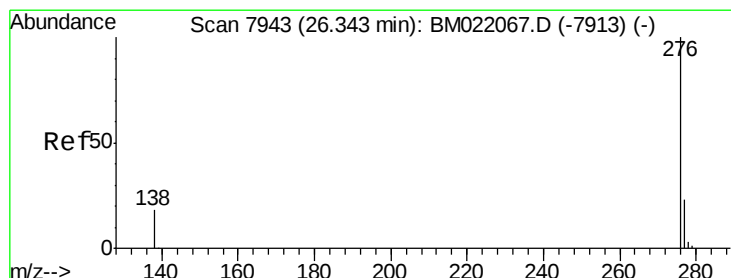
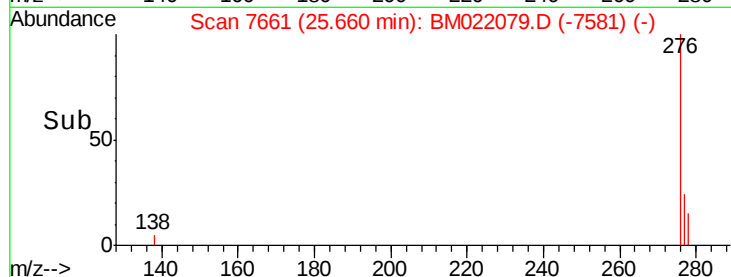
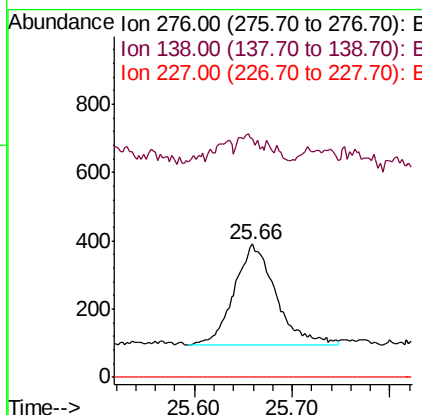
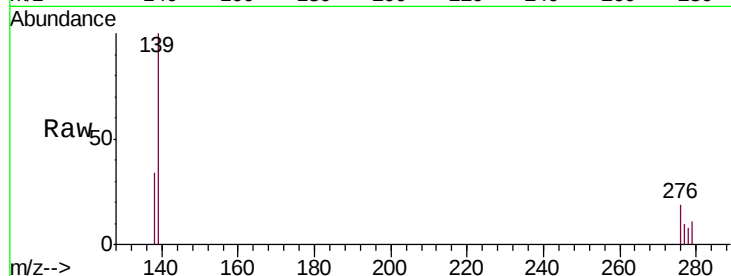


#24

Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/u1
 RT: 25.66 min Scan# 7661
 Delta R.T. -0.01 min
 Lab File: BM022079.D
 Acq: 13 Aug 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 C0AG3

Tgt Ion: 276 Resp: 887
 Ion Ratio Lower Upper
 276 100
 138 7.9 15.1 22.7#
 227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
 Concen: 0.051 ng/u1
 RT: 26.34 min Scan# 7943
 Delta R.T. -0.00 min
 Lab File: BM022079.D
 Acq: 13 Aug 2019 20:38

Tgt Ion: 276 Resp: 940
 Ion Ratio Lower Upper
 276 100
 138 169.0 15.5 23.3#
 277 53.2 21.4 32.2#

