

Data File : BM021828.D
Acq On : 05 Aug 2019 01:43
Operator : HP/JU
Sample : K3863-16
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52G5

Quant Time: Aug 05 08:24:23 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 : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

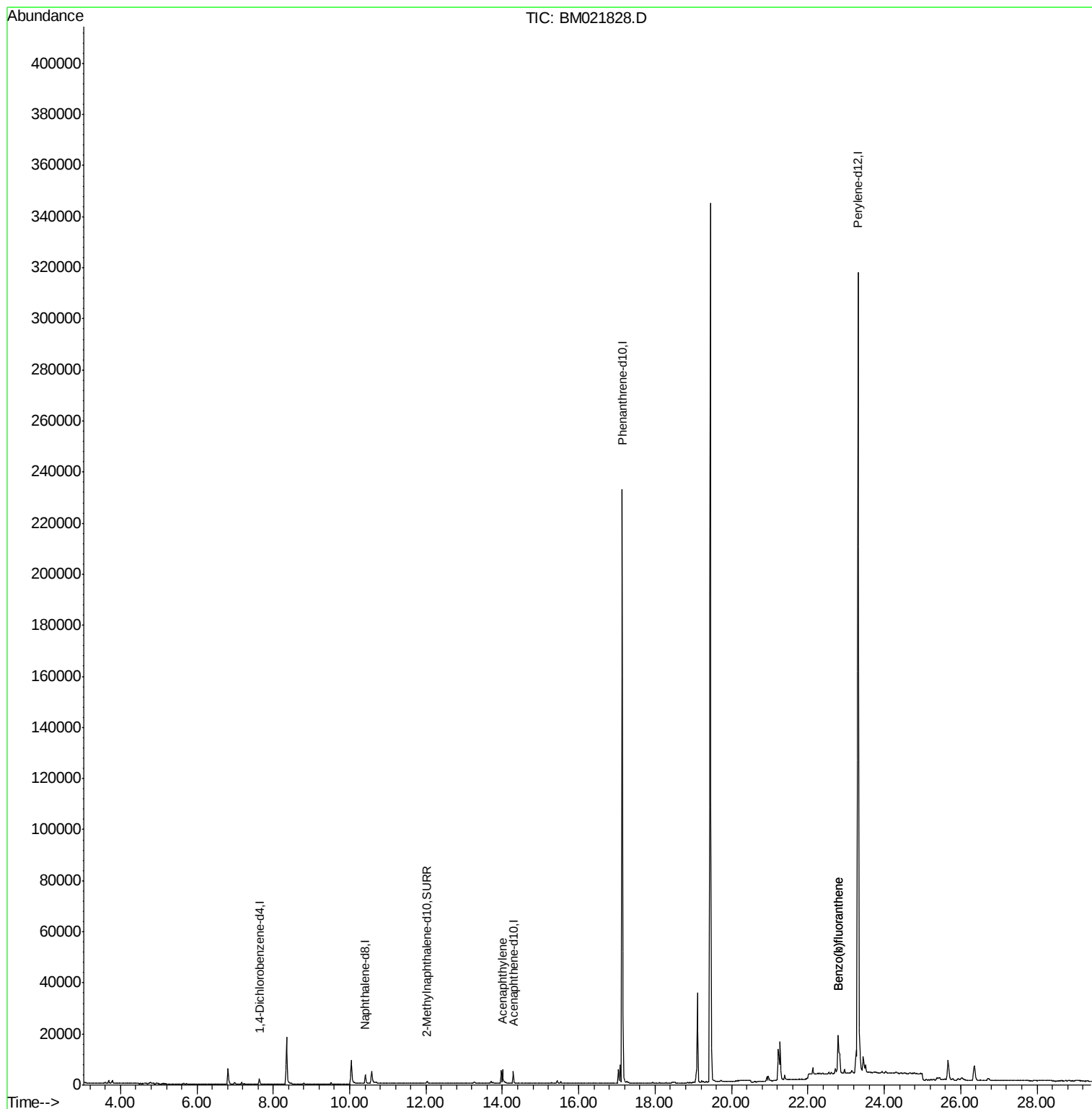
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1157	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4666	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	278532	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.31	264	386826	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1362	0.18	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	14.00	152	428	0.034	ng/ul#	69
21) Benzo(b)fluoranthene	22.79	252	31290	0.024	ng/ul	92
22) Benzo(k)fluoranthene	22.79	252	29842	0.020	ng/ul	92

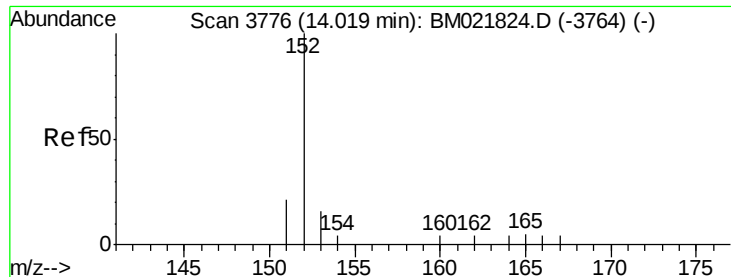
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.02 min

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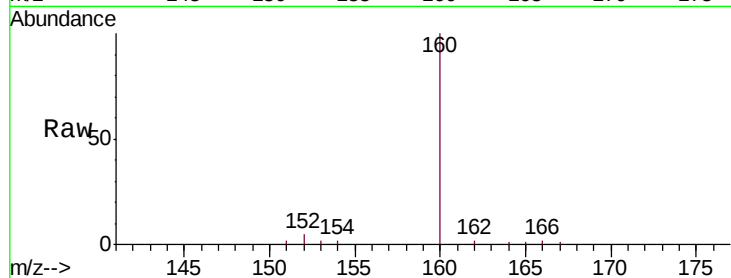
Tgt Ion:152 Resp: 428

Ion Ratio Lower Upper

152 100

151 35.7 18.3 27.5#

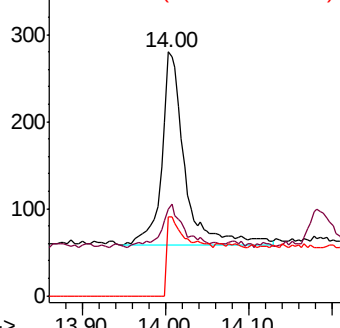
153 32.1 12.8 19.2#



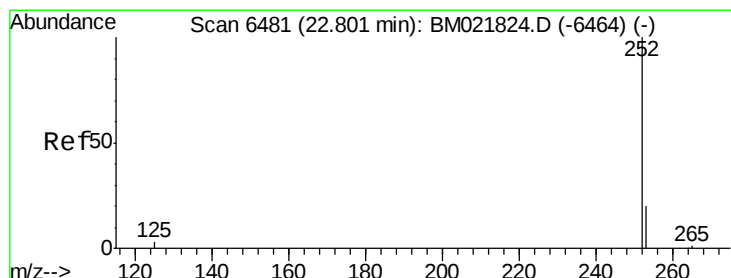
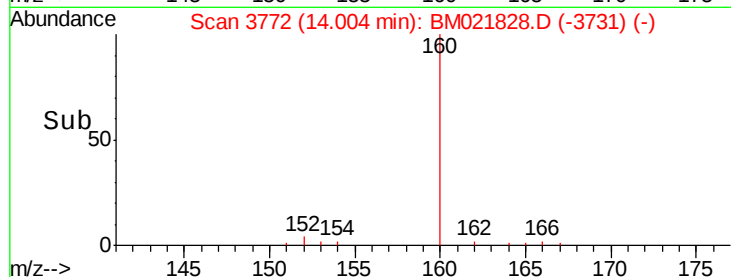
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.90 14.00 14.10



#21

Benzo(b)fluoranthene

Concen: 0.024 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

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Acq: 05 Aug 2019 01:43

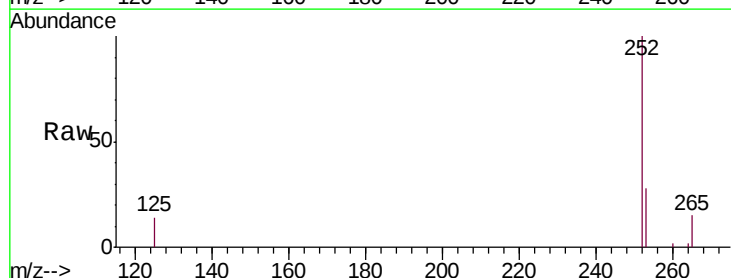
Tgt Ion:252 Resp: 31290

Ion Ratio Lower Upper

252 100

253 28.1 0.0 67.4

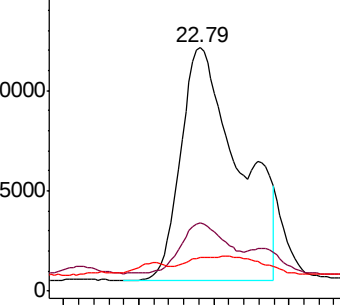
125 13.9 0.0 31.0



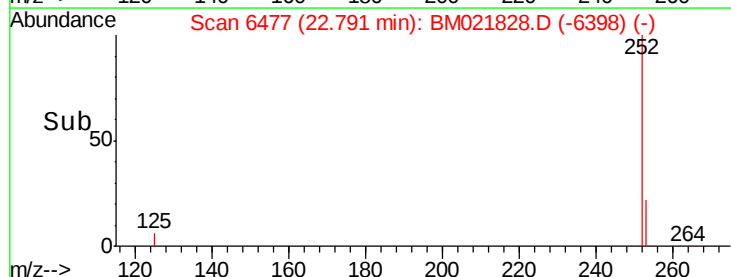
Abundance Ion 252.00 (251.70 to 252.70): E

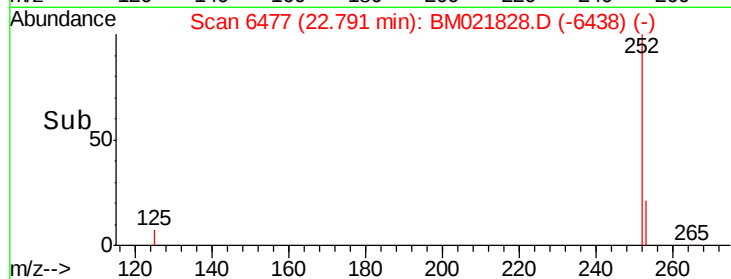
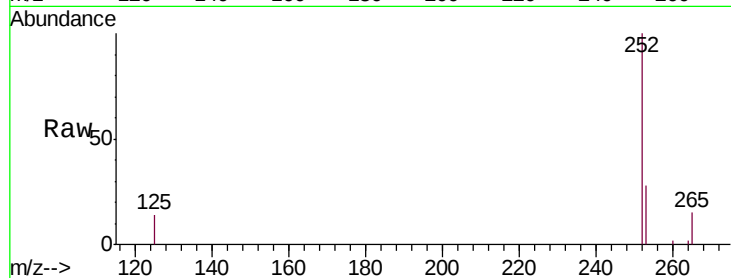
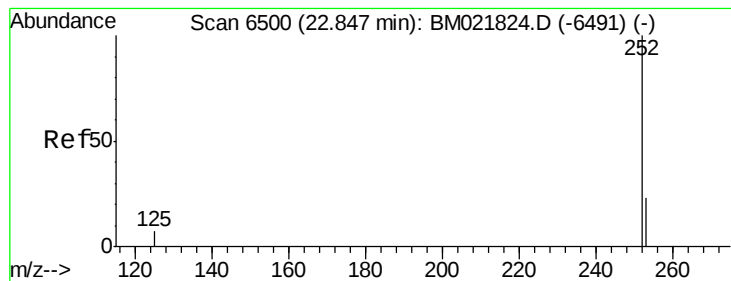
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.75 22.80 22.85





#22

Benzo(k)fluoranthene

Concen: 0.020 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.06 min

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BNA_M

ClientSampleId :

A52G5

Tgt Ion: 252 Resp: 29842

Ion Ratio Lower Upper

252 100

253 28.1 27.0 40.4

125 13.9 12.2 18.2

