

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120616\
 Data File : BM008193.D
 Acq On : 06 Dec 2016 20:04
 Operator : UM/SJ
 Sample : H5733-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YA903

Quant Time: Dec 07 05:59:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:56:15 2016
 Response via : Initial Calibration

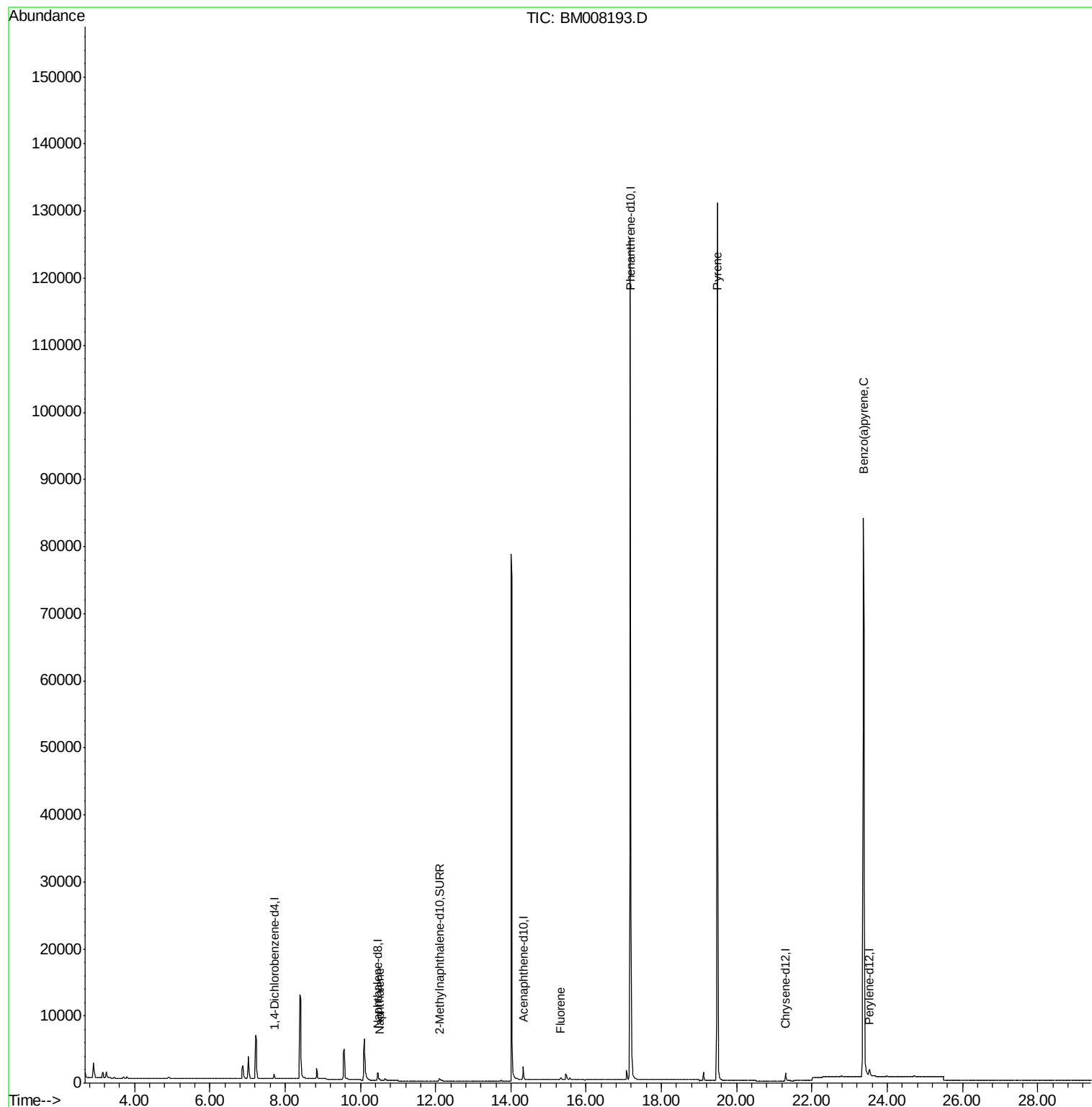
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	533	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	1870	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1182	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.18	188	163438	0.40	ng/ul	0.07
16) Chrysene-d12	21.30	240	1624	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	1955	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	824	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1727	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	374	0.07	ng/ul#	62
9) Fluorene	15.32	166	348	0.07	ng/ul#	30
17) Pyrene	19.48	202	306	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.37	252	544	0.07	ng/ul#	39

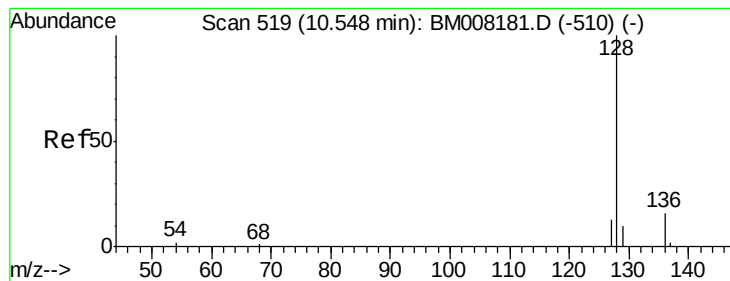
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.04 min

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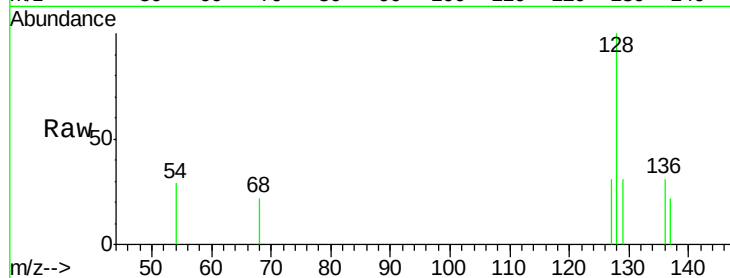
Tgt Ion:128 Resp: 374

Ion Ratio Lower Upper

128 100

129 30.5 11.3 16.9#

127 31.4 12.8 19.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.51

250

200

150

100

50

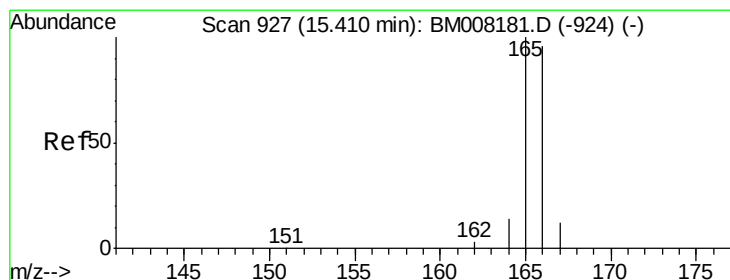
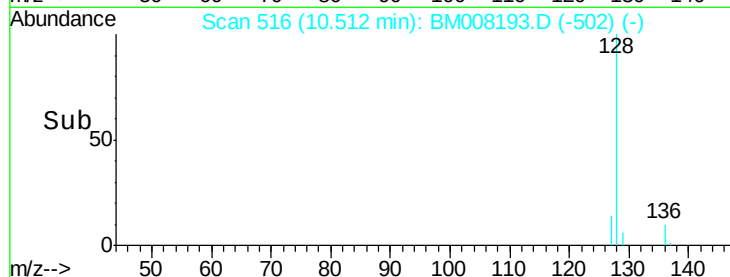
0

Time-->

10.40

10.50

10.60



#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.32 min Scan# 922

Delta R.T. -0.09 min

Lab File: BM008193.D

Acq: 06 Dec 2016 20:04

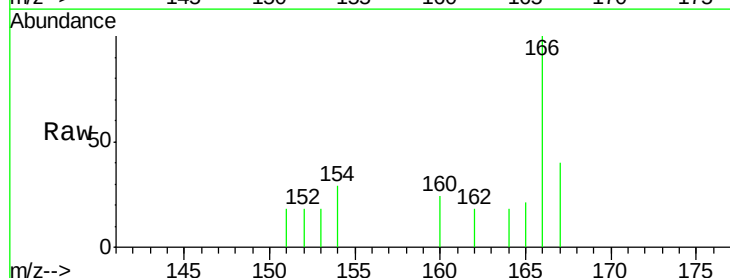
Tgt Ion:166 Resp: 348

Ion Ratio Lower Upper

166 100

165 21.2 73.4 110.2#

167 40.1 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.32

300

200

100

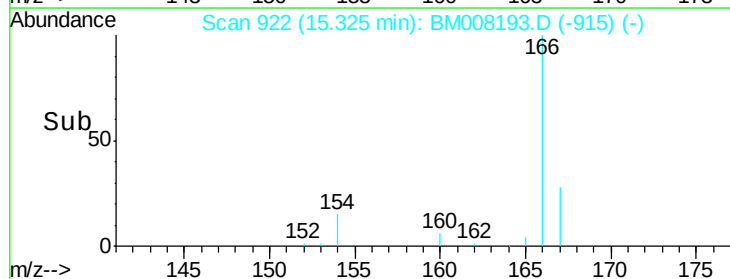
0

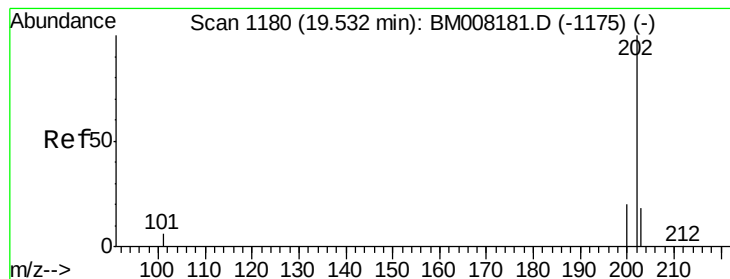
Time-->

15.20

15.30

15.40





#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.05 min

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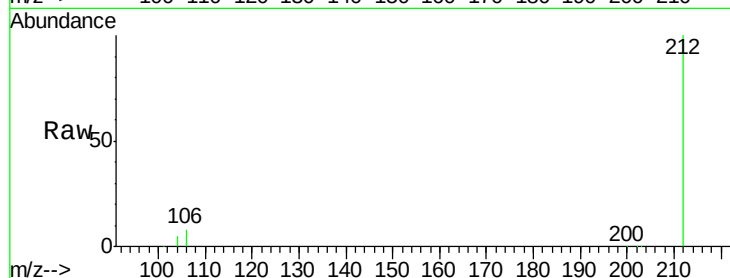
Tgt Ion:202 Resp: 306

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.4

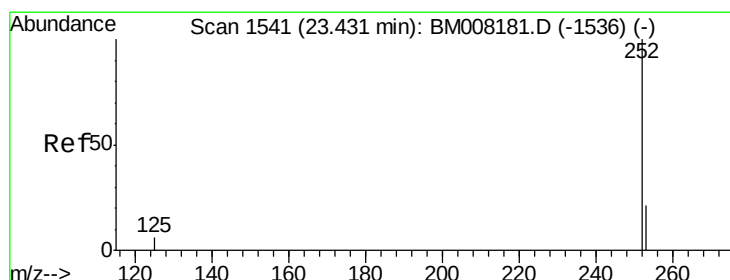
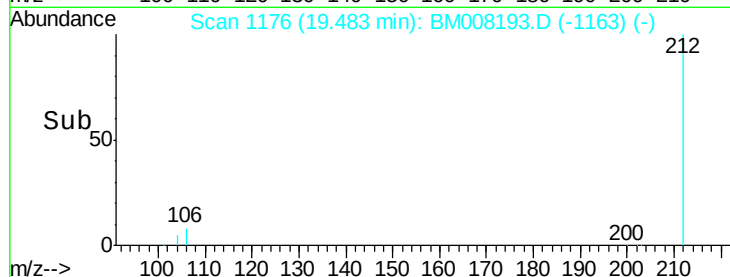
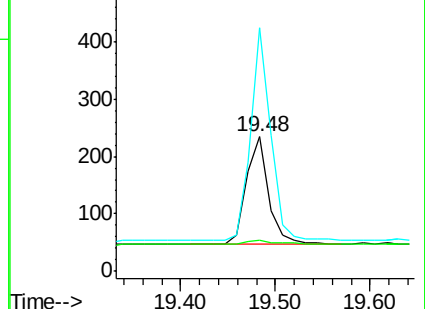
203 181.2 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.06 min

Lab File: BM008193.D

Acq: 06 Dec 2016 20:04

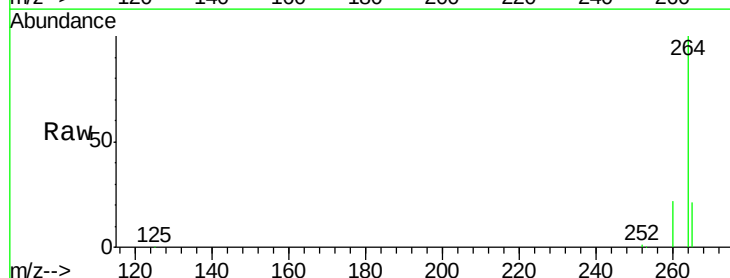
Tgt Ion:252 Resp: 544

Ion Ratio Lower Upper

252 100

253 70.1 28.5 42.7#

125 53.0 18.1 27.1#



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

