

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002594.D
 Acq On : 31 Aug 2015 18:10
 Operator : UM/IZ
 Sample : G3456-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E87MS

Quant Time: Sep 01 01:42:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 01:38:52 2015
 Response via : Initial Calibration

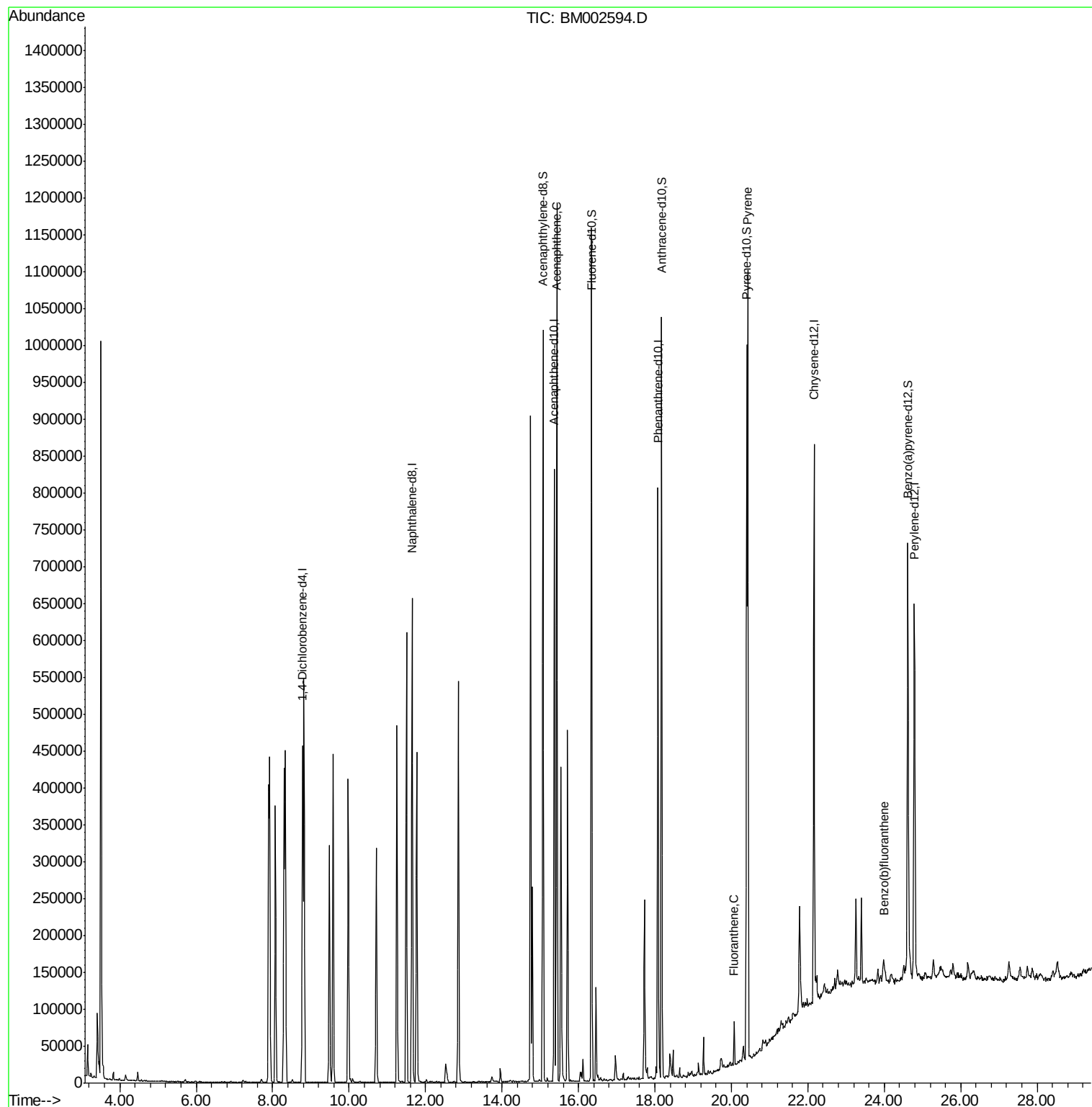
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	139552	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	607403	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	285210	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	477215	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	382692	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	399650	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	761701	26.12	ng/ul	0.00
10) Fluorene-d10	16.34	176	473799	23.13	ng/ul	0.00
14) Anthracene-d10	18.17	188	612340	26.60	ng/ul	0.00
18) Pyrene-d10	20.40	212	485776	28.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	483798	23.05	ng/ul	0.00
Target Compounds						
9) Acenaphthene	15.43	153	498601	24.80	ng/ul	Qvalue 100
16) Fluoranthene	20.07	202	35274	1.13	ng/ul	98
19) Pyrene	20.43	202	636768	28.40	ng/ul	97
23) Benzo(b)fluoranthene	23.98	252	24350	1.01	ng/ul#	89

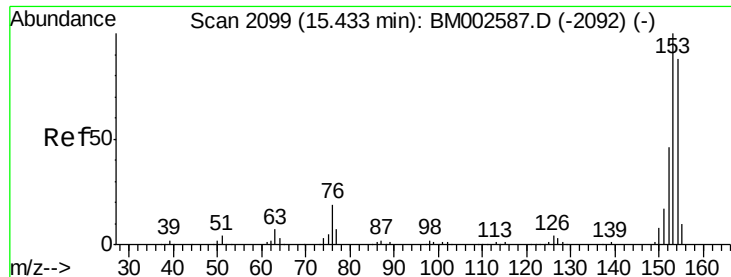
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 24.80 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. -0.00 min

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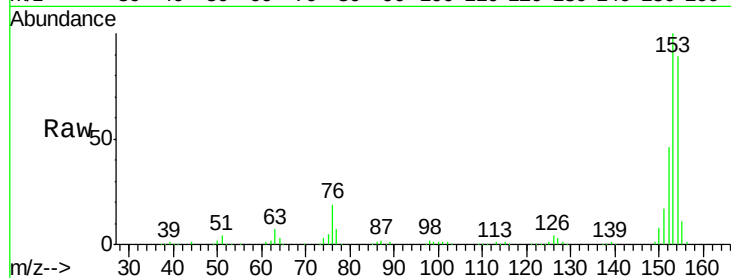
Tgt Ion:153 Resp: 498601

Ion Ratio Lower Upper

153 100

152 45.9 36.9 55.3

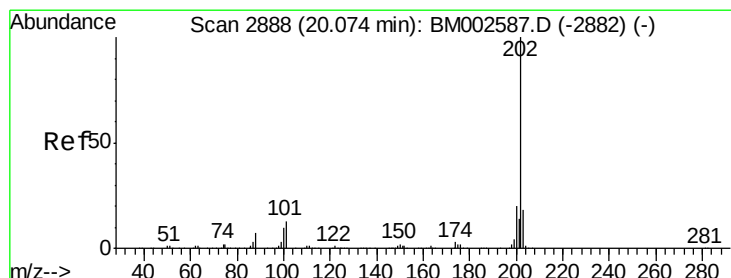
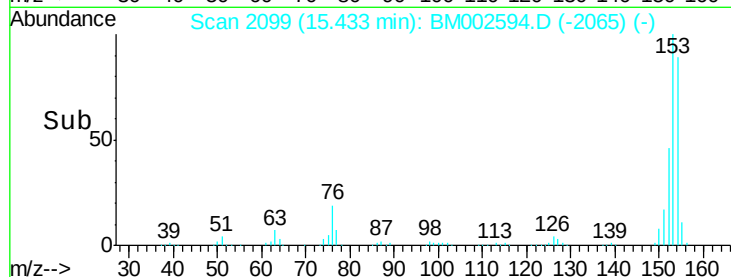
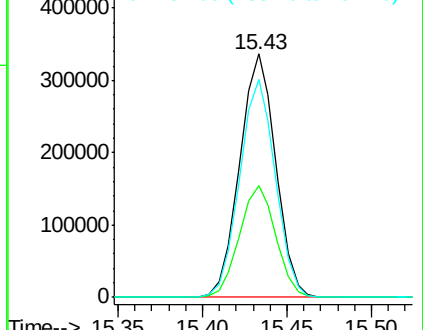
154 89.4 71.3 106.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 1.13 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. -0.00 min

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Acq: 31 Aug 2015 18:10

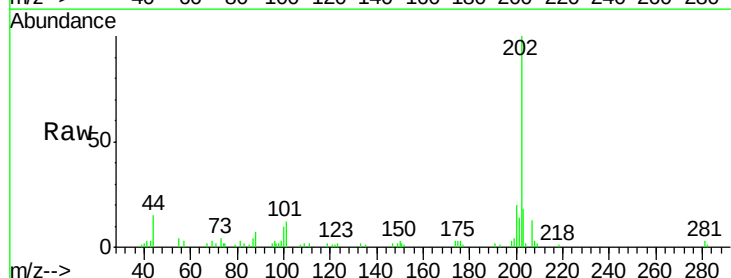
Tgt Ion:202 Resp: 35274

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

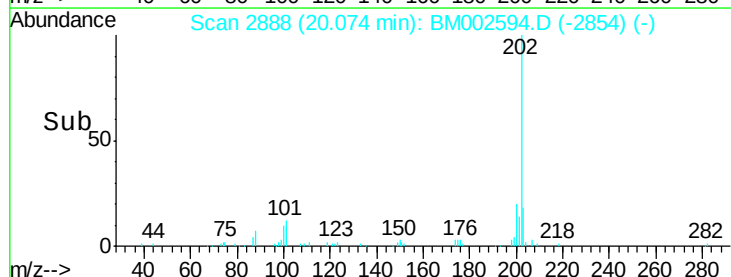
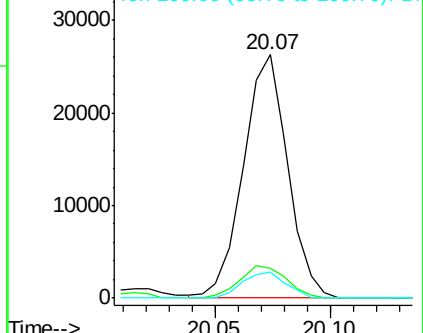
100 10.5 7.4 11.2

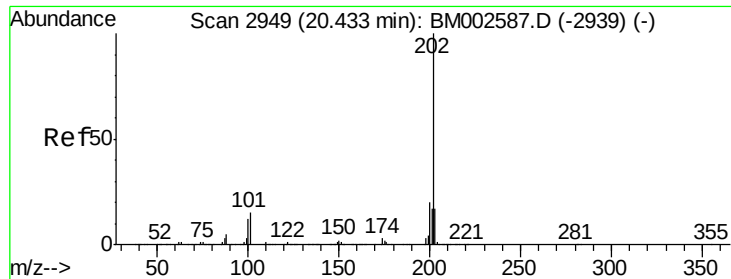


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 28.40 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. -0.01 min

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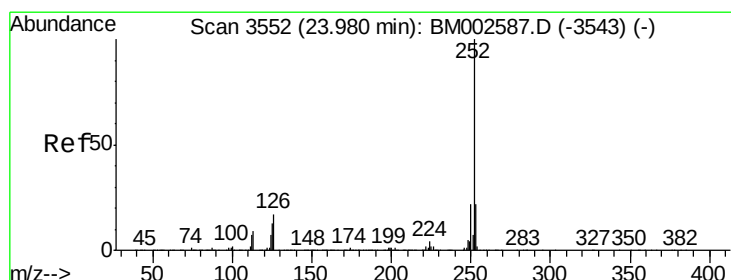
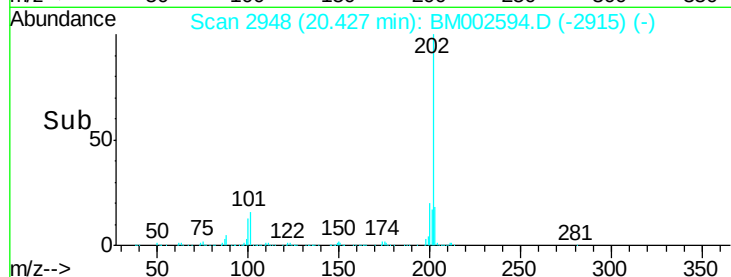
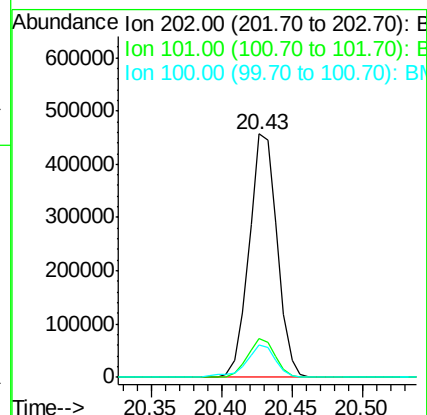
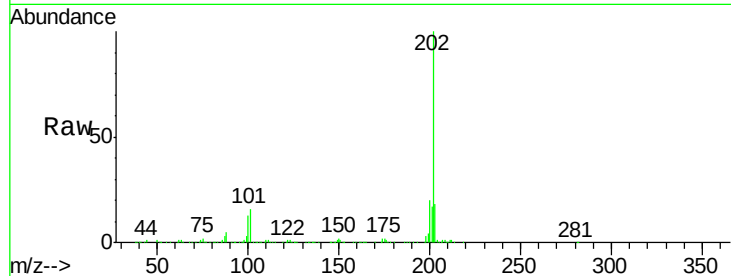
Tgt Ion:202 Resp: 636768

Ion Ratio Lower Upper

202 100

101 16.1 12.0 18.0

100 13.1 9.7 14.5



#23

Benzo(b)fluoranthene

Concen: 1.01 ng/ul

RT: 23.98 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BM002594.D

Acq: 31 Aug 2015 18:10

Tgt Ion:252 Resp: 24350

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

125 19.5 10.0 15.0#

