

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080915\
 Data File : BM002311.D
 Acq On : 09 Aug 2015 12:43
 Operator : TP/UM
 Sample : G3161-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C63

Quant Time: Aug 10 05:36:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 05:35:03 2015
 Response via : Initial Calibration

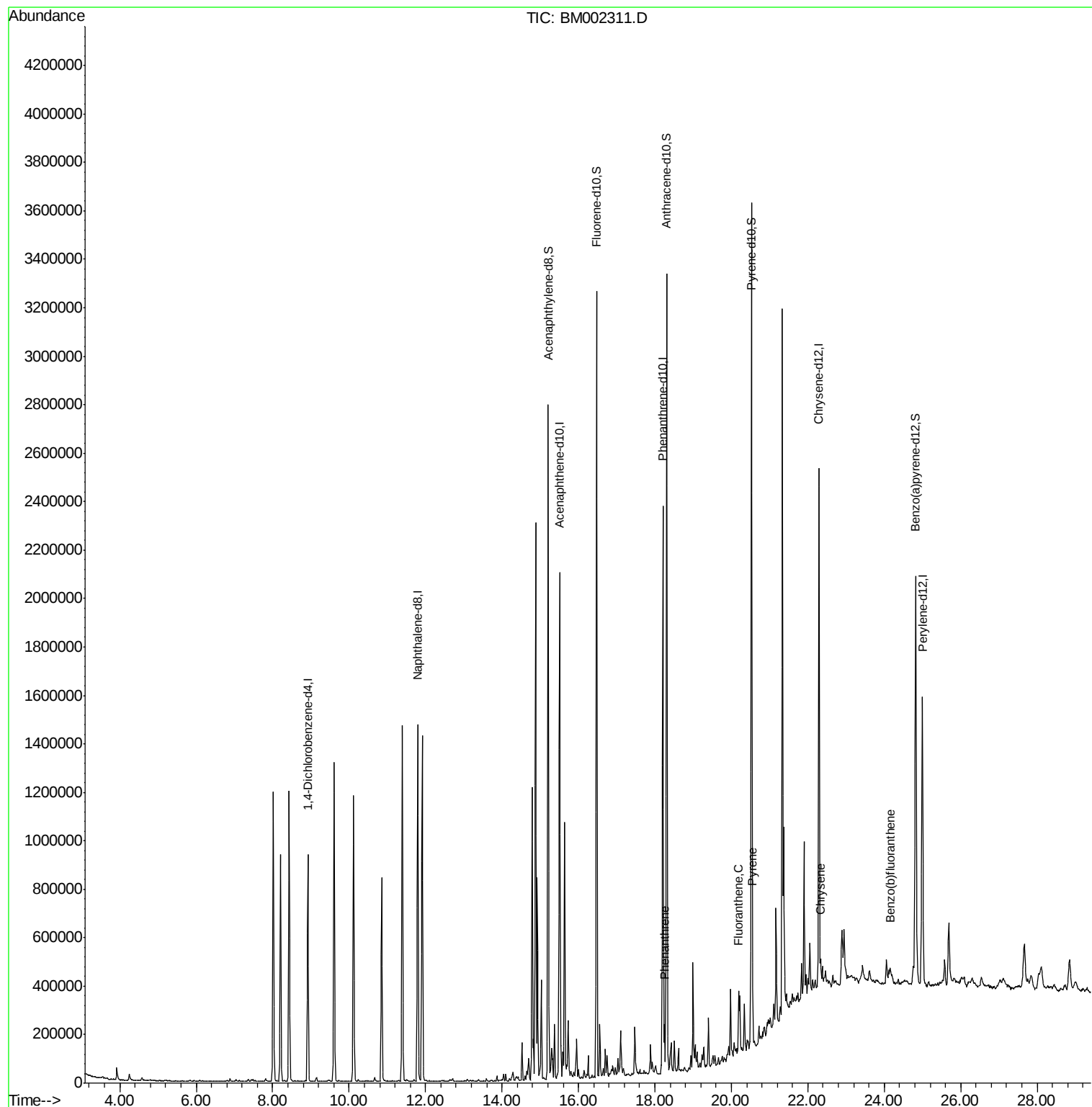
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	262689	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1294464	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	677488	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1353828	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1103511	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	950466	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	2057322	29.31	ng/ul	0.00
10) Fluorene-d10	16.47	176	1324385	27.13	ng/ul	0.00
14) Anthracene-d10	18.31	188	1893953	28.83	ng/ul	0.00
18) Pyrene-d10	20.52	212	1765152	32.98	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1405015	27.84	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.25	178	114084	1.46	ng/ul	Qvalue 99
16) Fluoranthene	20.19	202	158281	1.83	ng/ul	99
19) Pyrene	20.55	202	168899	2.37	ng/ul	99
21) Chrysene	22.33	228	66840	1.05	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	67791	1.15	ng/ul#	93

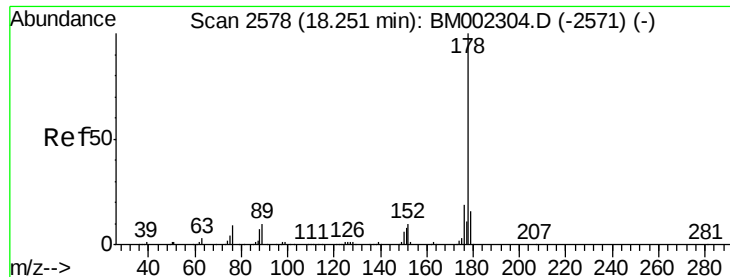
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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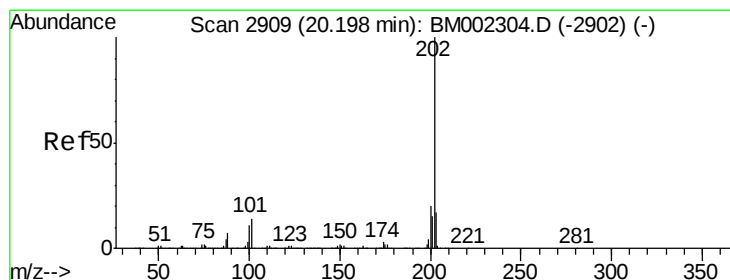
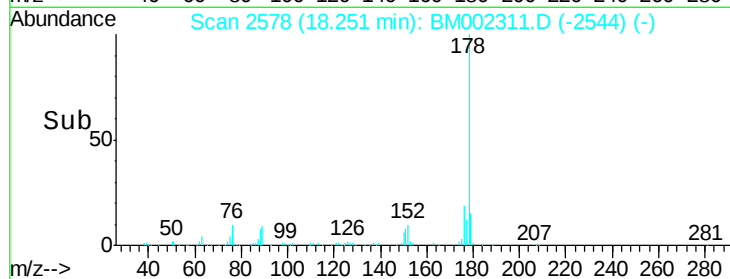
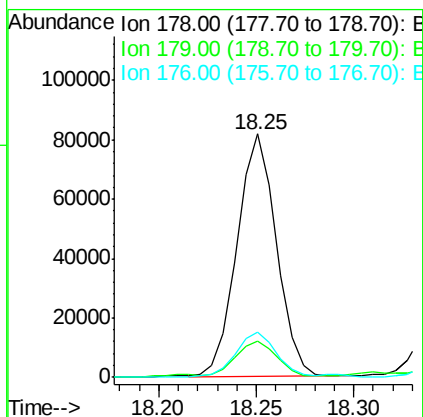
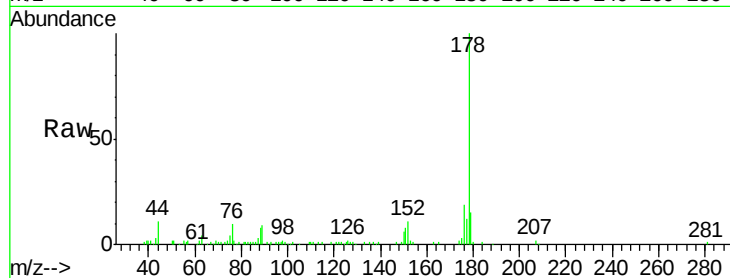




#13
Phenanthrene
Concen: 1.46 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

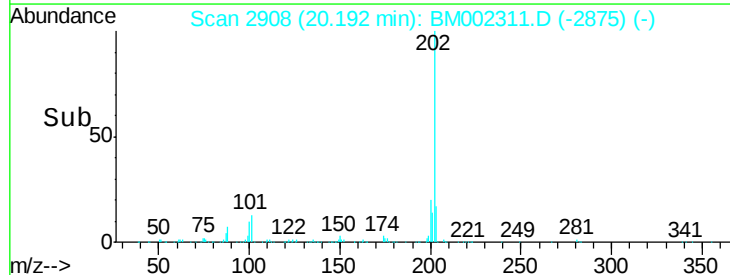
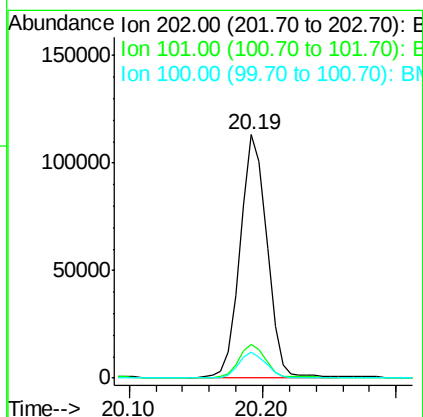
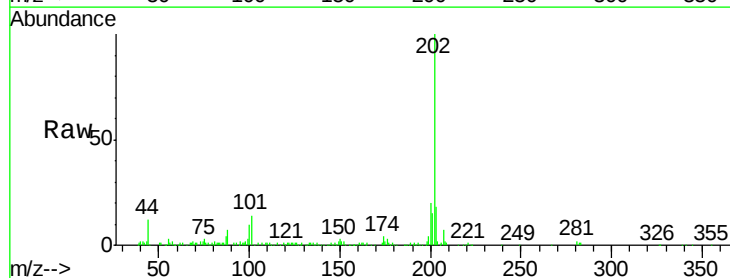
Instrument :
BNA_M
ClientSampleId :
D9C63

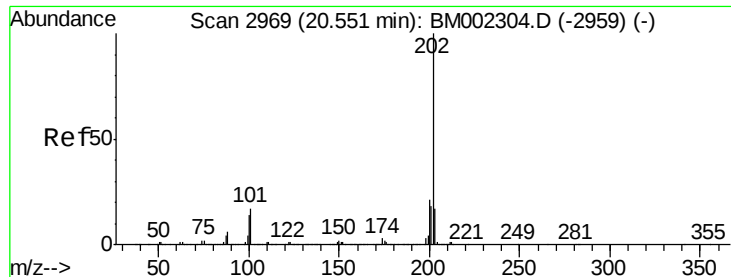
Tgt Ion:178 Resp: 114084
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.5 15.3 22.9



#16
Fluoranthene
Concen: 1.83 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

Tgt Ion:202 Resp: 158281
Ion Ratio Lower Upper
202 100
101 13.7 10.6 15.8
100 10.5 8.2 12.4





#19

Pyrene

Concen: 2.37 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BM002311.D

Acq: 09 Aug 2015 12:43

Instrument :

BNA_M

ClientSampleId :

D9C63

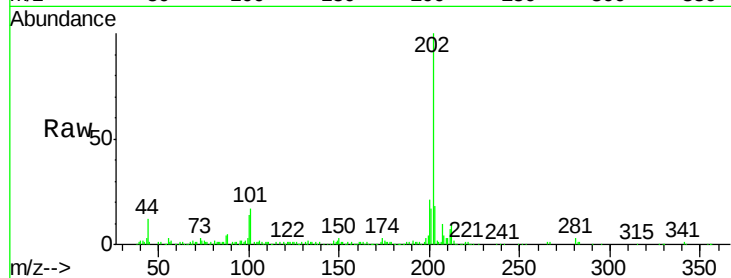
Tgt Ion:202 Resp: 168899

Ion Ratio Lower Upper

202 100

101 16.6 13.0 19.6

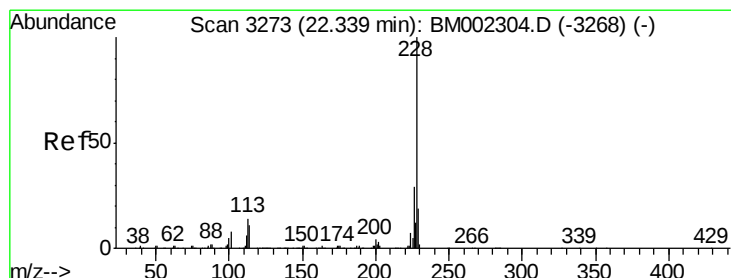
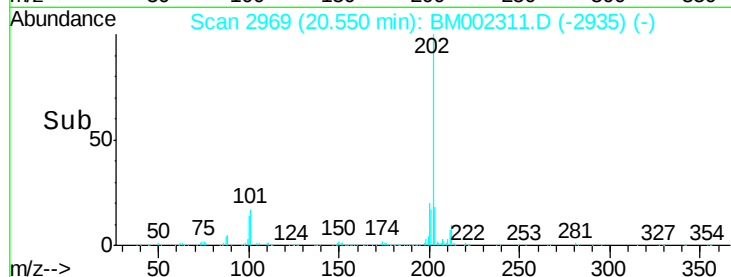
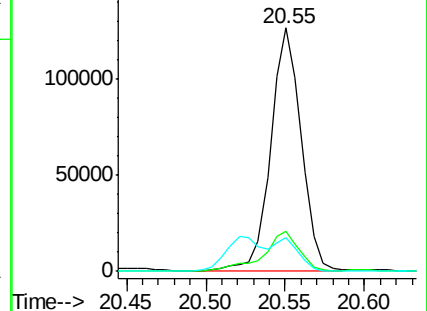
100 13.9 11.0 16.4



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



#21

Chrysene

Concen: 1.05 ng/ul

RT: 22.33 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BM002311.D

Acq: 09 Aug 2015 12:43

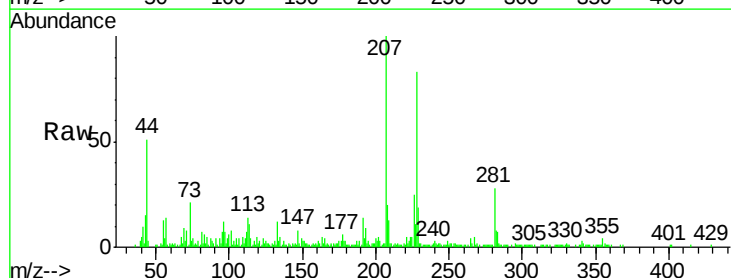
Tgt Ion:228 Resp: 66840

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

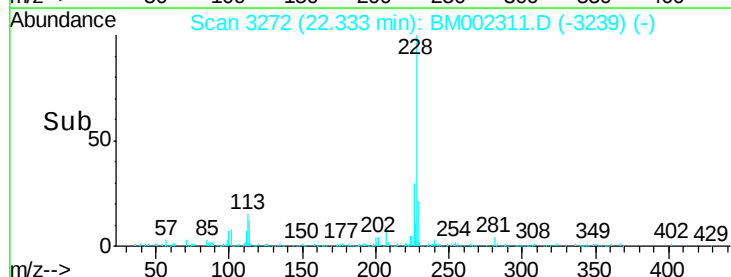
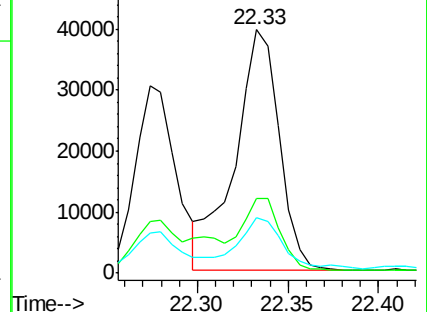
229 23.0 15.5 23.3

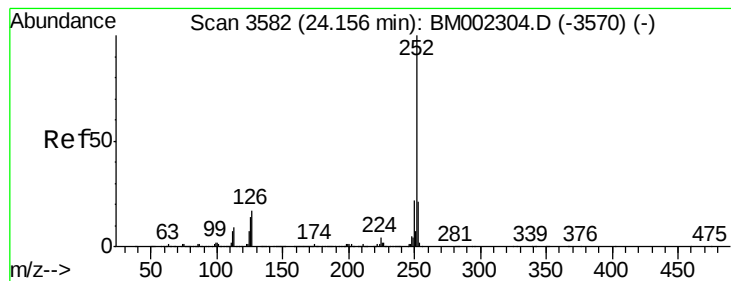


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 24.16 min Scan# 3583

Delta R.T. 0.01 min

Lab File: BM002311.D

Acq: 09 Aug 2015 12:43

Instrument :

BNA_M

ClientSampleId :

D9C63

Tgt Ion: 252 Resp: 67791

Ion Ratio Lower Upper

252 100

253 24.5 17.9 26.9

125 17.7 10.3 15.5#

