Quantitation Report (QT Reviewed)

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						Qvalue
13) Phenanthrene	18.25	178	114084	1.46	ng/ul	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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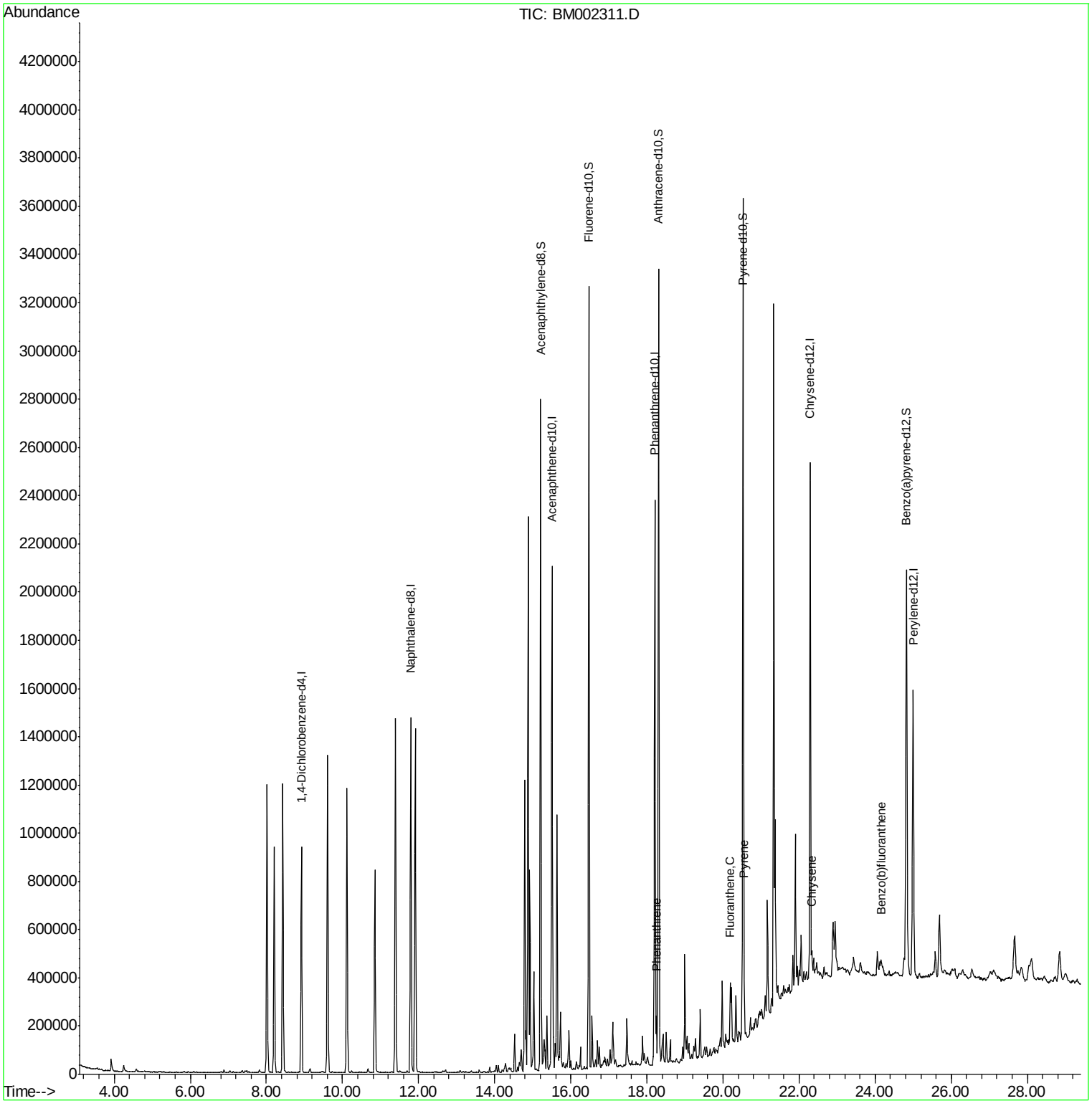
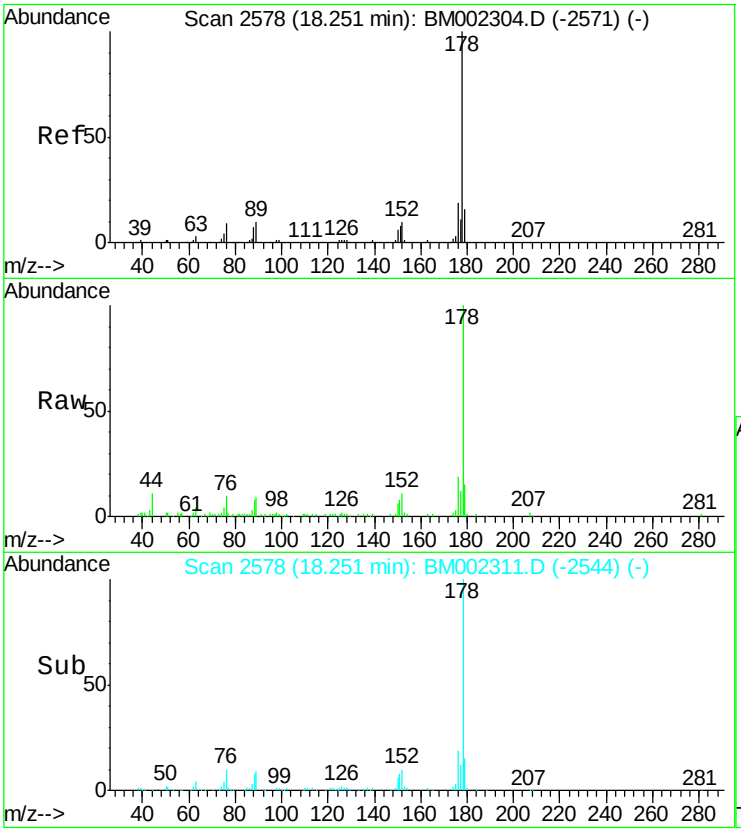


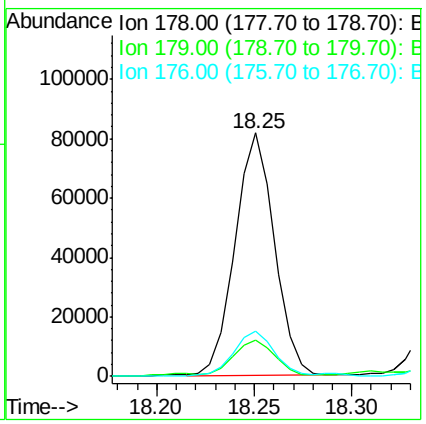


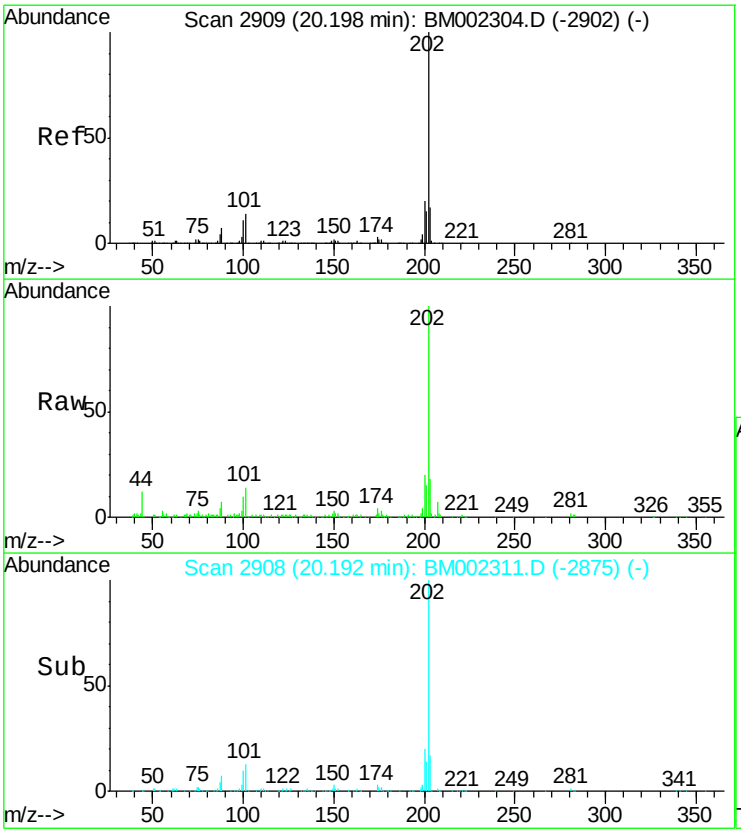
#13
Phenanthrene
Concen: 1.46 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

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

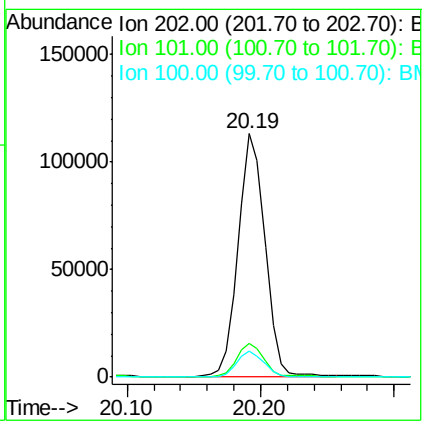


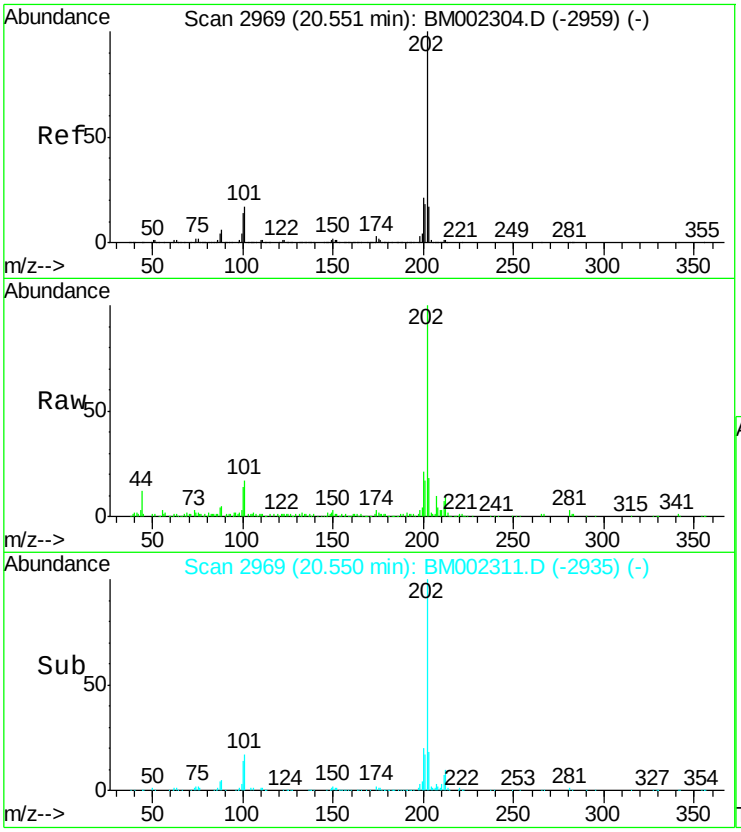


#16
Fluoranthene
Concen: 1.83 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

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



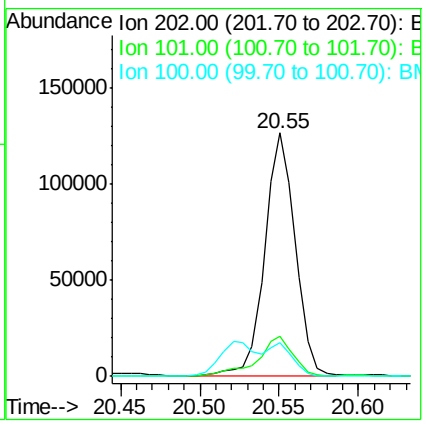


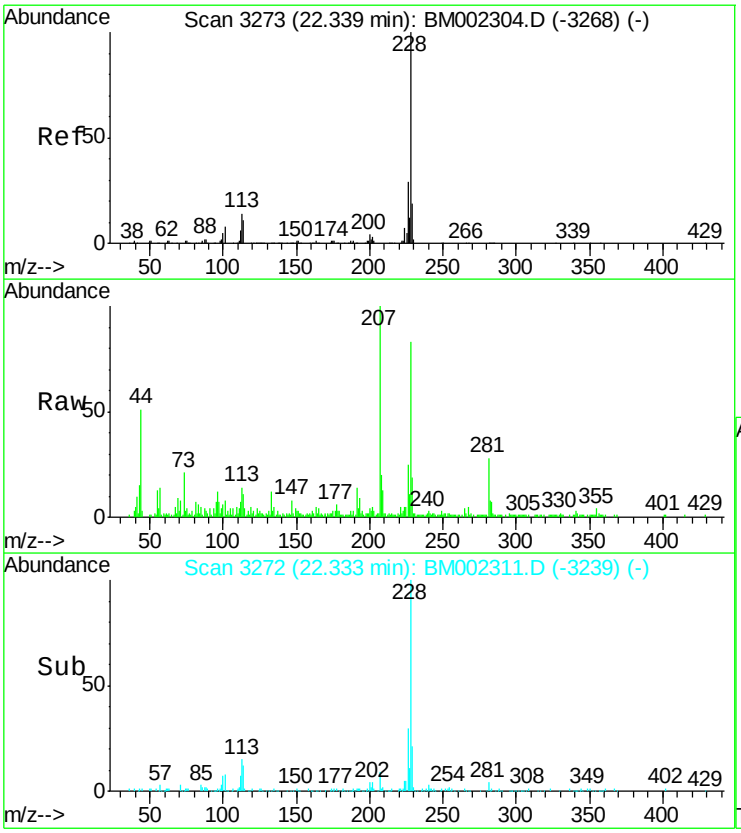
#19
Pyrene
Concen: 2.37 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

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

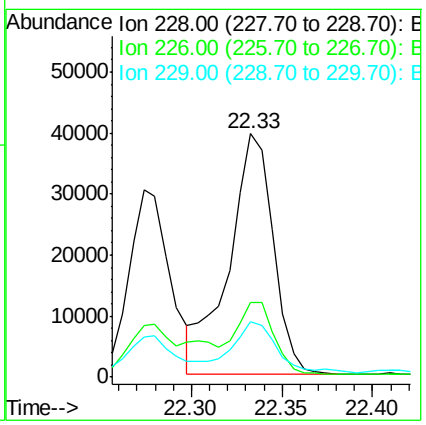


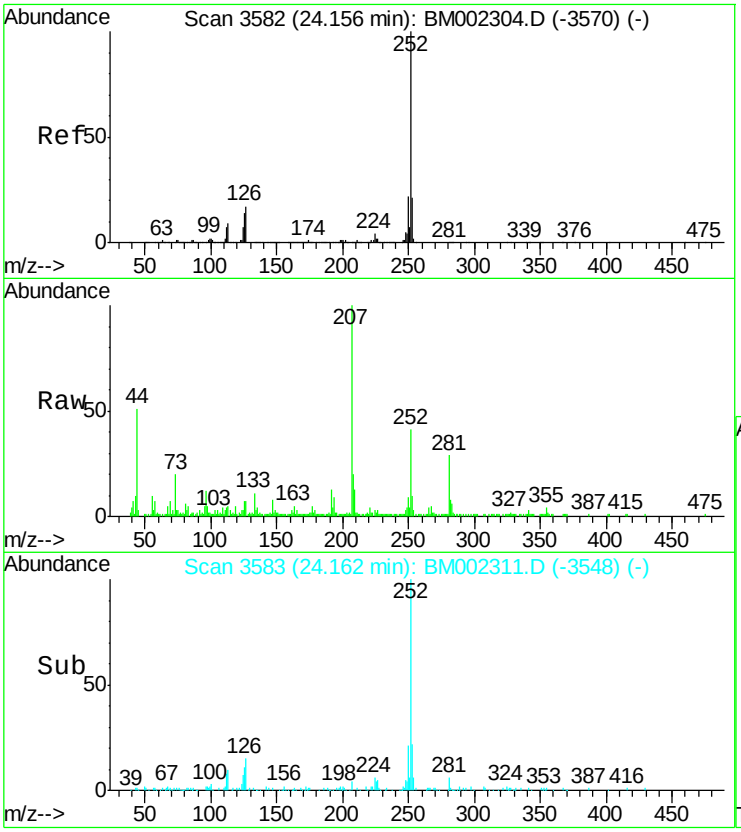


#21
Chrysene
Concen: 1.05 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BM002311.D
Acq: 09 Aug 2015 12:43

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





#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#