Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070316\
Data File : BM006250.D
Acq On : 04 Jul 2016 00:36
Operator : UM/SJ
Sample : H3612-14 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z32

Manual Integrations APPROVED
Sohil
7/5/2016 1:14:16 PM

Quant Time: Jul 05 05:01:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 01:54:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	250417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1172073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	706898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1626431	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1652550	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	1338105	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	126m	0.02	ng/uL	0.00
5) Phenol-d5	6.82	99	12631	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	10904	0.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	10874	0.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	7520	0.40	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	5498	0.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	5175	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	9040	0.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	4675	0.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	40966	0.69	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	51142	0.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2175	0.19	ng/ul	0.01
57) Fluorene-d10	15.29	176	42465	0.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1499	0.16	ng/ul	0.00
70) Anthracene-d10	17.14	188	61531	0.79	ng/ul	0.00
76) Pyrene-d10	19.44	212	68984	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	49686	0.80	ng/ul	0.00
Target Compounds						Qvalue
74) Fluoranthene	19.11	202	138704	1.37	ng/ul	98
77) Pyrene	19.47	202	125378	1.21	ng/ul	98
85) Benzo(b)fluoranthene	22.79	252	84483	1.07	ng/ul#	95

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

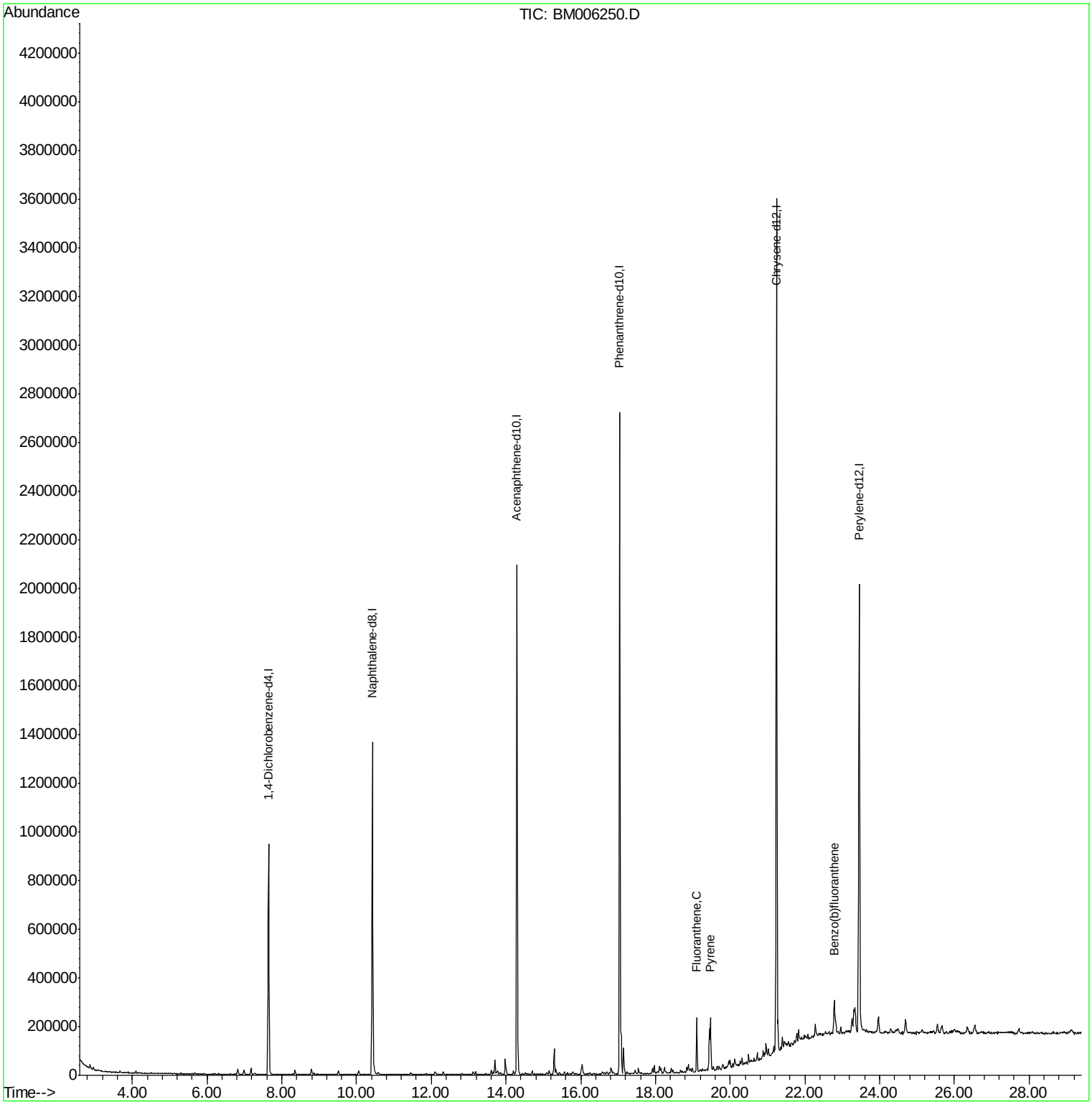
Quantitation Report (QT Reviewed)

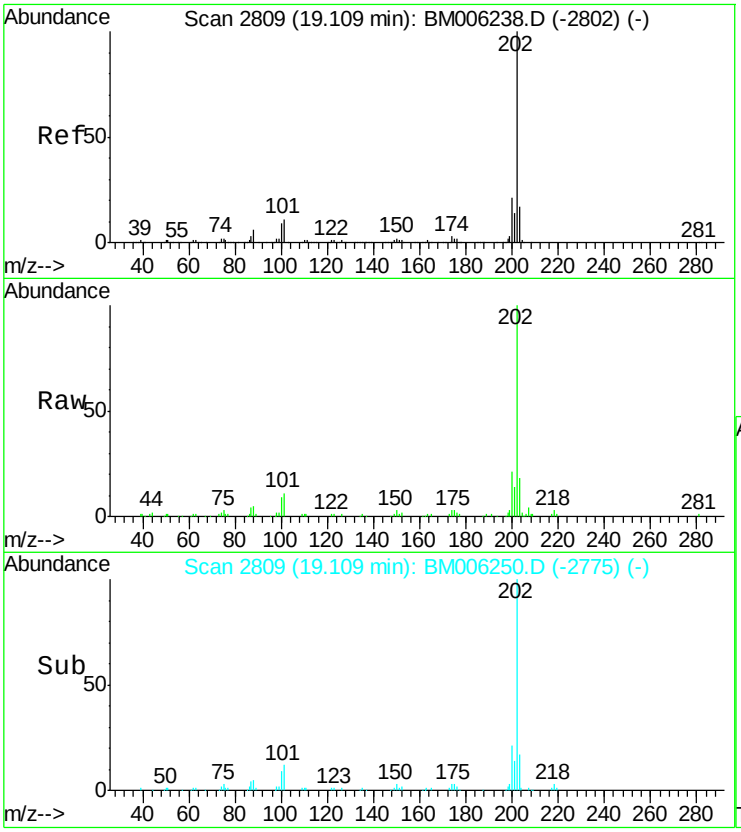
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070316\
Data File : BM006250.D
Acq On : 04 Jul 2016 00:36
Operator : UM/SJ
Sample : H3612-14 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 05 05:01:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 01:54:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9Z32

Manual Integrations
APPROVED
Sohil
7/5/2016 1:14:16 PM

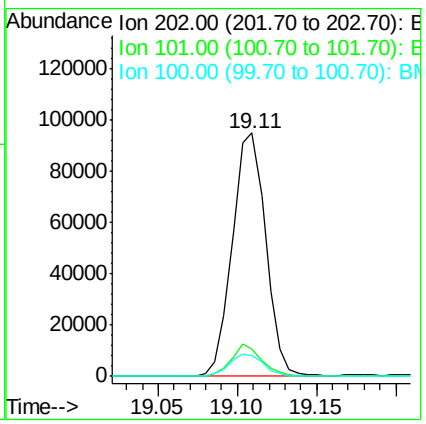




#74
Fluoranthene
Concen: 1.37 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM006250.D
Acq: 04 Jul 2016 00:36

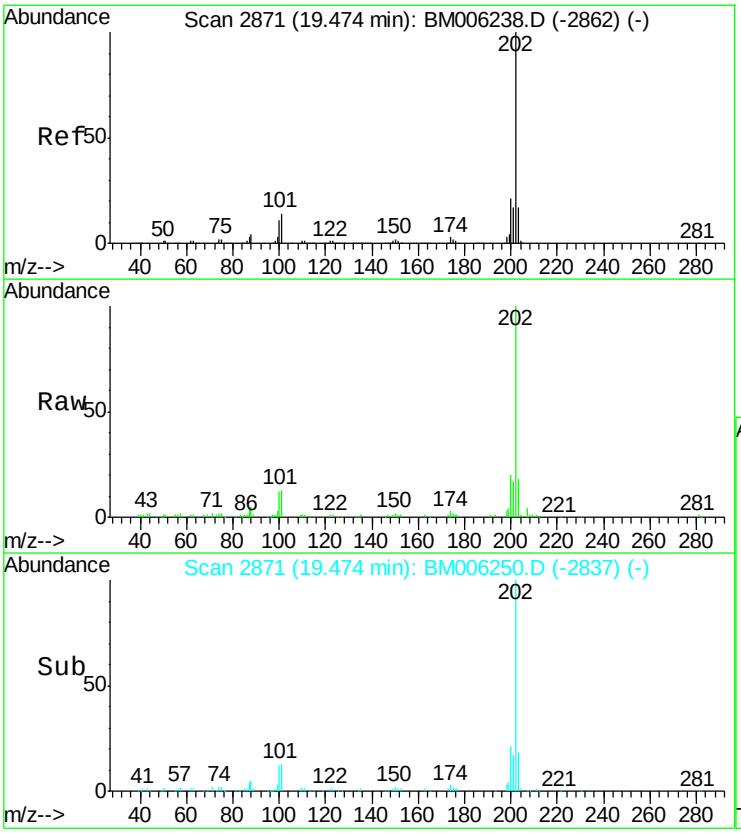
Tgt Ion:202 Resp: 138704

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.6	12.8
100	8.7	6.4	9.6



Instrument :
BNA_M
ClientSampleId :
D9Z32

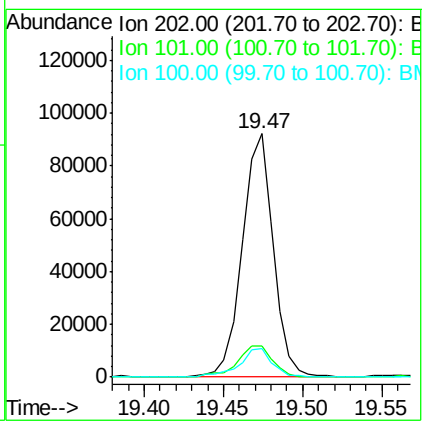
Manual Integrations
APPROVED
Sohil
7/5/2016 1:14:16 PM

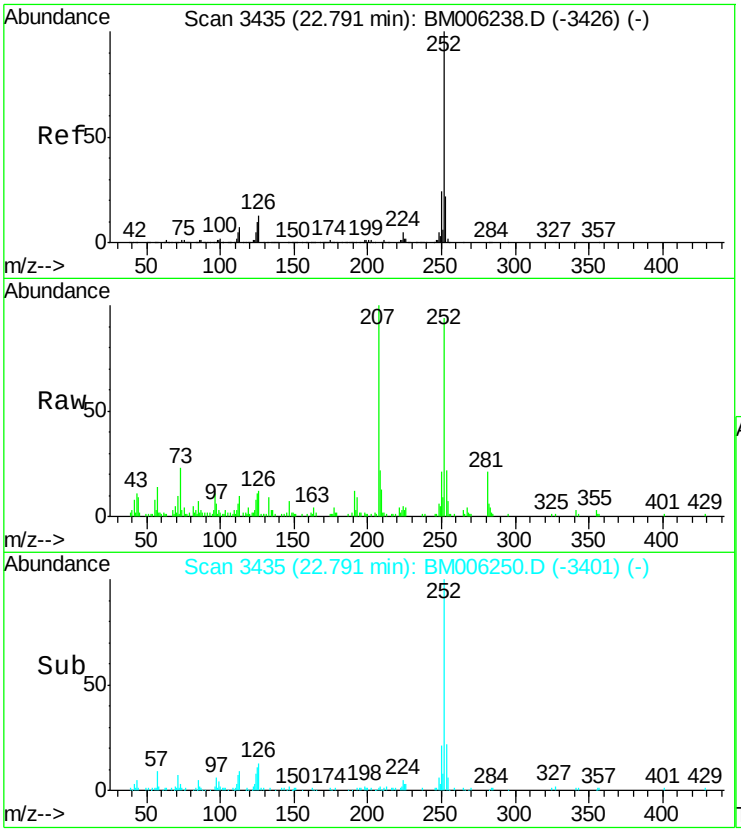


#77
Pyrene
Concen: 1.21 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BM006250.D
Acq: 04 Jul 2016 00:36

Tgt Ion:202 Resp: 125378

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	11.5	7.9	11.9

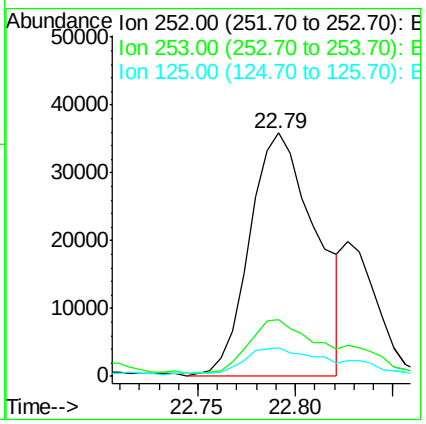




#85
Benzo(b)fluoranthene
Concen: 1.07 ng/ul
RT: 22.79 min Scan# 3435
Delta R.T. -0.00 min
Lab File: BM006250.D
Acq: 04 Jul 2016 00:36

Tgt Ion:252 Resp: 84483

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	11.8	6.7	10.1#



Instrument :
BNA_M
ClientSampleId :
D9Z32

Manual Integrations
APPROVED
Sohil
7/5/2016 1:14:16 PM