Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006768.D
Acq On : 30 Jul 2016 11:52
Operator : UM/SJ
Sample : H4192-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0E3

Quant Time: Aug 01 05:21:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	192309	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	830244	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	467567	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1059057	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1245723	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1303074	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5407	1.14	ng/uL	0.00
3) Phenol-d5	6.79	99	168810	10.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	140911	13.90	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	153845	11.77	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	69080	5.44	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	80797	12.86	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	79720	11.93	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	144034	11.40	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	97557	7.01	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	526092	14.35	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	664810	14.21	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	30503	4.79	ng/ul	0.01
21) Fluorene-d10	15.26	176	477263	14.56	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	23785	4.33	ng/ul	0.00
26) Anthracene-d10	17.11	188	716559	14.25	ng/ul	0.00
30) Pyrene-d10	19.41	212	829609	14.62	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	804621	13.42	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	63784	1.07	ng/ul	98
28) Fluoranthene	19.07	202	88669	1.27	ng/ul	96
31) Pyrene	19.44	202	76166	1.01	ng/ul#	95

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

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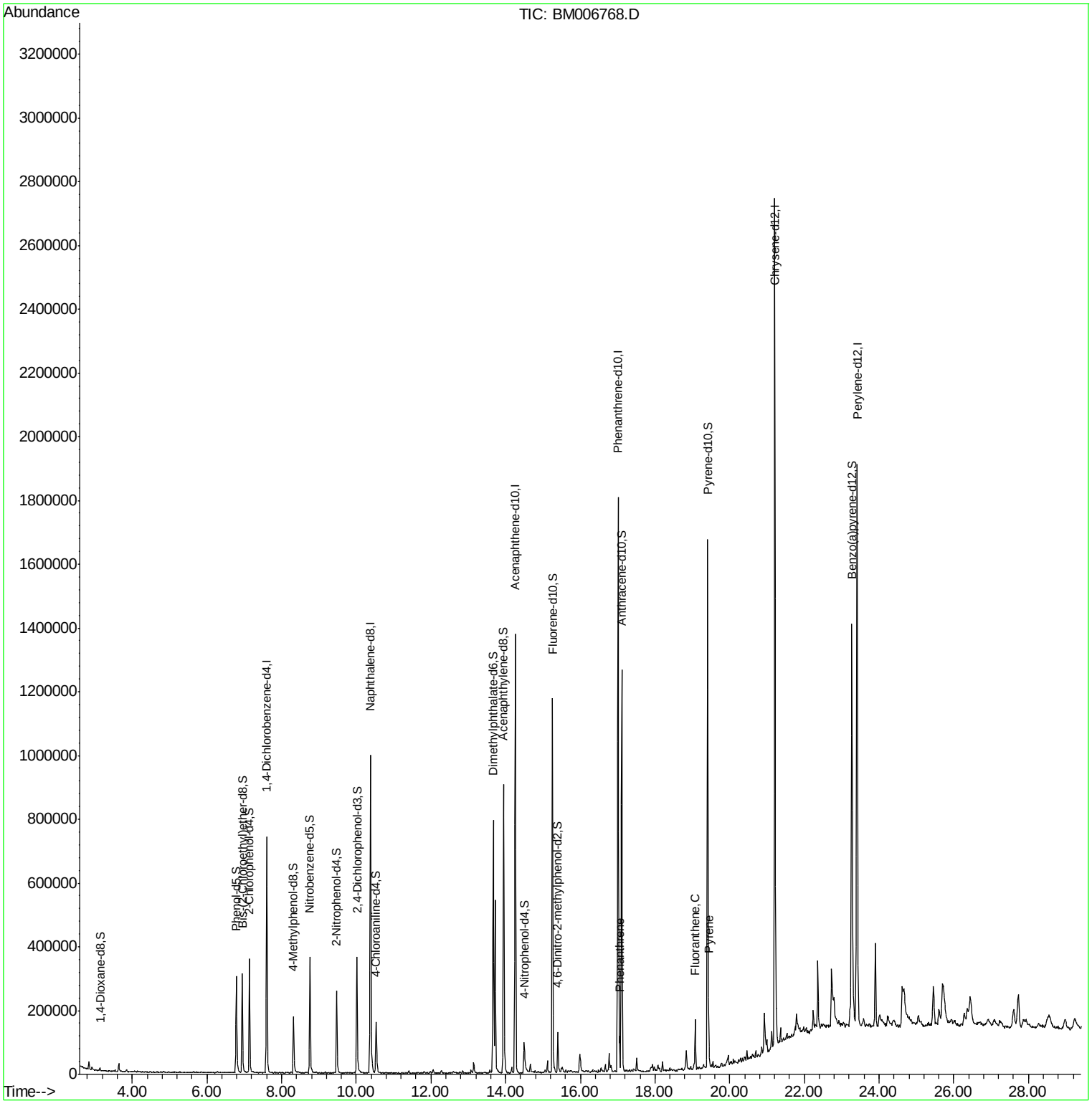
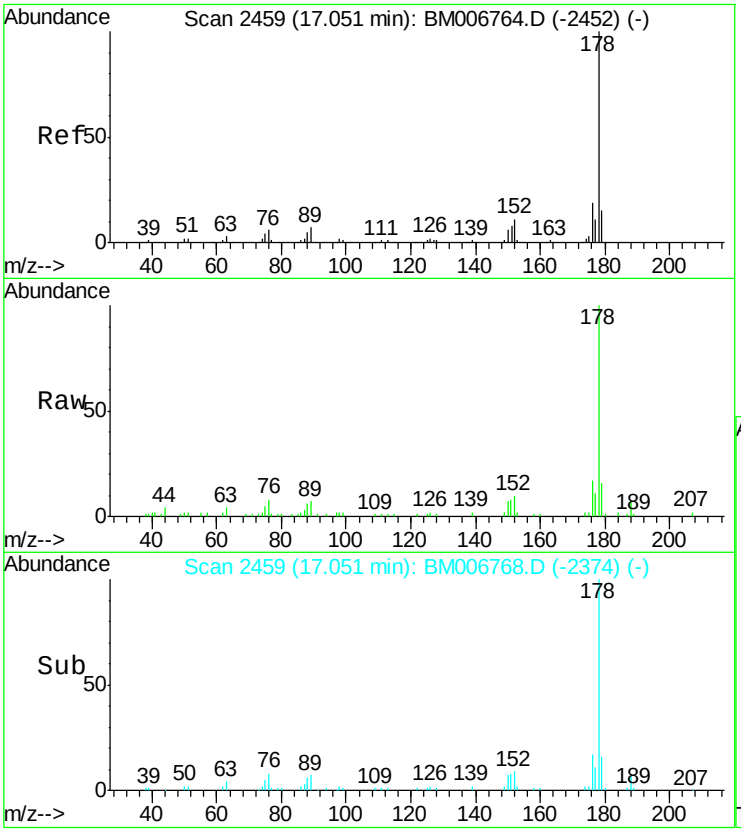


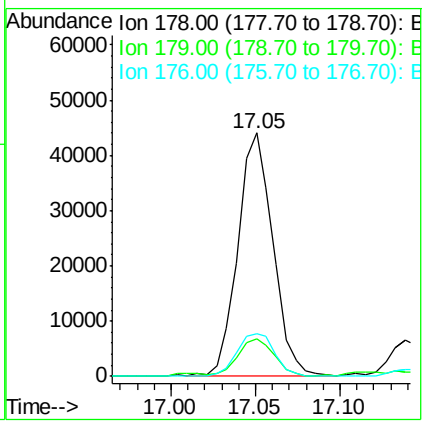


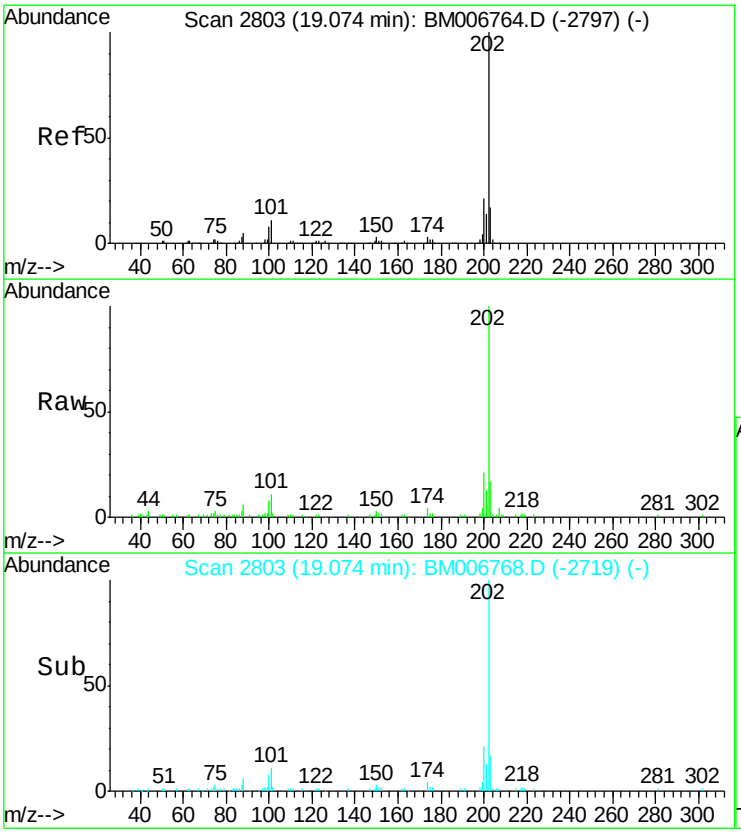
#25
Phenanthrene
Concen: 1.07 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006768.D
Acq: 30 Jul 2016 11:52

Instrument :
BNA_M
ClientSampleId :
DA0E3

Tgt Ion:178 Resp: 63784

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	17.4	14.8	22.2

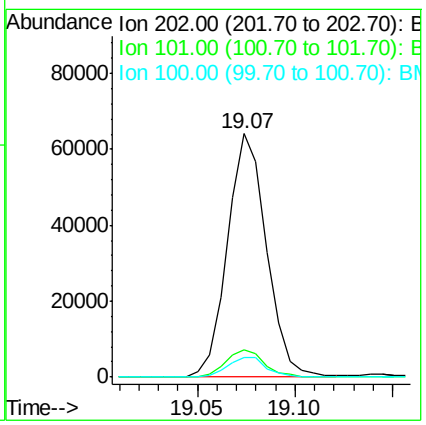


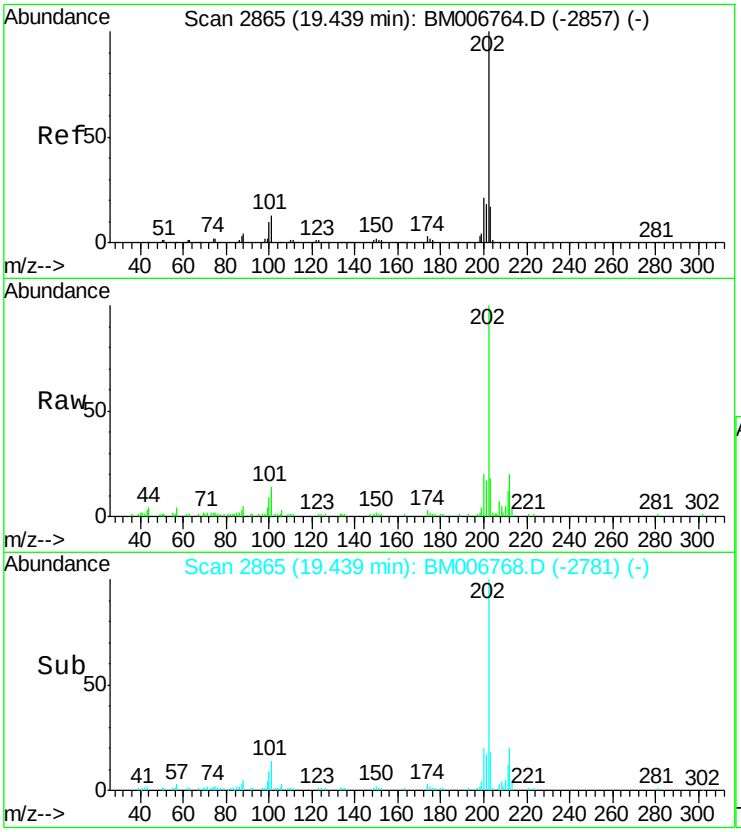


#28
Fluoranthene
Concen: 1.27 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006768.D
Acq: 30 Jul 2016 11:52

Tgt Ion:202 Resp: 88669

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.9	13.3
100	7.9	7.0	10.4





#31
Pyrene
Concen: 1.01 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006768.D
Acq: 30 Jul 2016 11:52

Instrument :
BNA_M
ClientSampleId :
DA0E3

Tgt Ion:202 Resp: 76166

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	8.8	9.3	13.9#