Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006770.D
Acq On : 30 Jul 2016 13:05
Operator : UM/SJ
Sample : H4192-08MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0E3MSD

Manual Integrations APPROVED
sohil
8/1/2016 7:04:52 PM

Quant Time: Aug 01 05:44:13 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	167961	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	737403	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	412950	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	935398	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1090223	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1122152	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6035	1.45	ng/uL	0.00
3) Phenol-d5	6.79	99	213158	14.92	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	152660	17.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	182781	16.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	126178	11.39	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	89285	16.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	95282	16.05	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	169287	15.09	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	199871	16.18	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	572804	17.69	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	726156	17.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	66859	11.89	ng/ul	0.00
21) Fluorene-d10	15.26	176	504010	17.41	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	55486	11.43	ng/ul	0.00
26) Anthracene-d10	17.10	188	768480	17.30	ng/ul	0.00
30) Pyrene-d10	19.41	212	881800	17.75	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	882555	17.10	ng/ul	-0.01
Target Compounds						Qvalue
19) Acenaphthene	14.32	153	425951	14.97	ng/ul	95
25) Phenanthrene	17.05	178	56641	1.08	ng/ul	97
28) Fluoranthene	19.07	202	70502m	1.14	ng/ul	
31) Pyrene	19.44	202	1041270	15.77	ng/ul	98

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

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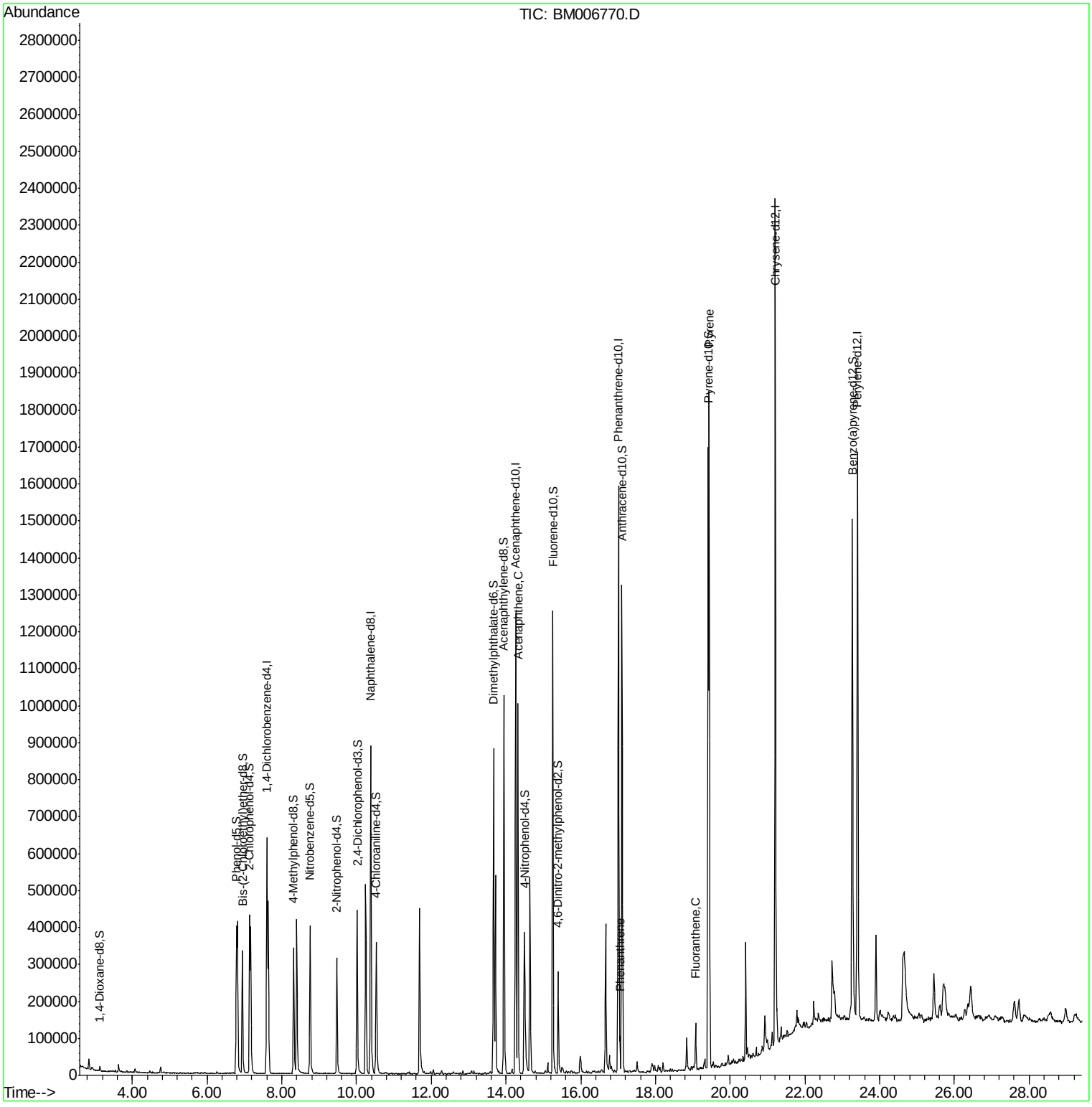
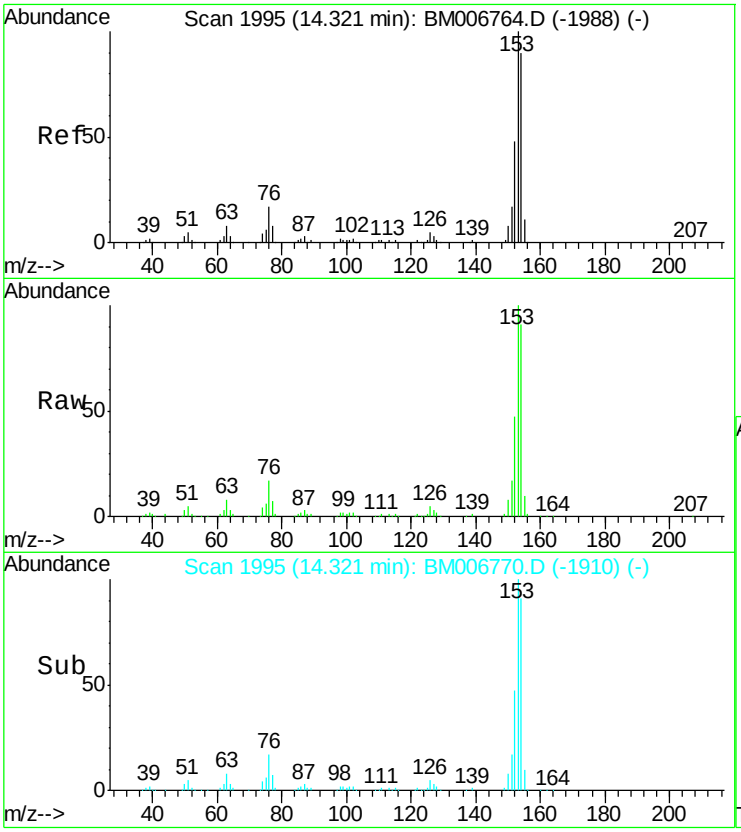
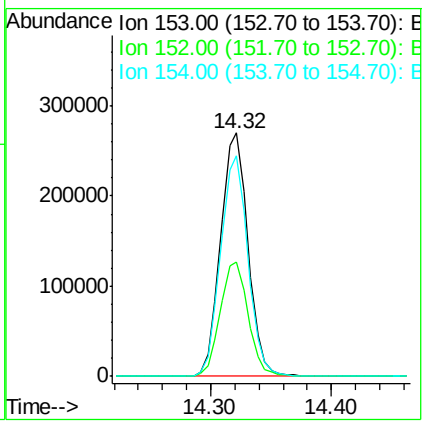




#19
Acenaphthene
Concen: 14.97 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM006770.D
Acq: 30 Jul 2016 13:05

Tgt Ion:153 Resp: 425951

Ion	Ratio	Lower	Upper
153	100		
152	46.9	36.5	54.7
154	90.8	67.3	100.9



Instrument :
BNA_M
ClientSampleId :
DA0E3MSD

Manual Integrations APPROVED
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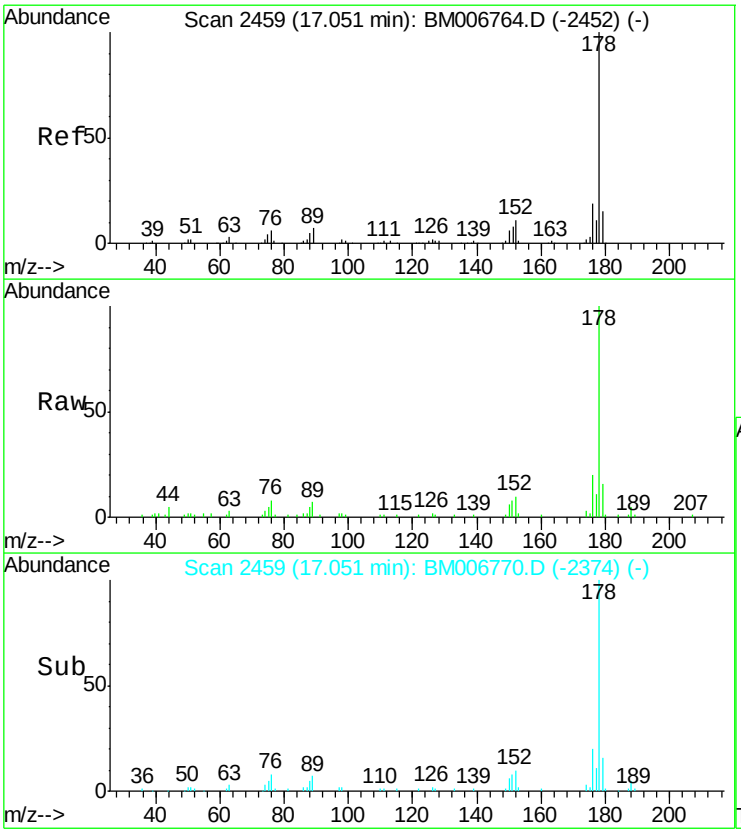
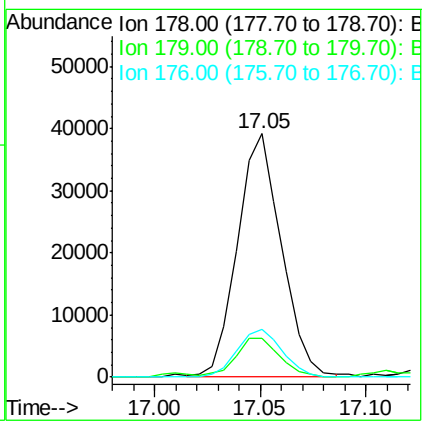
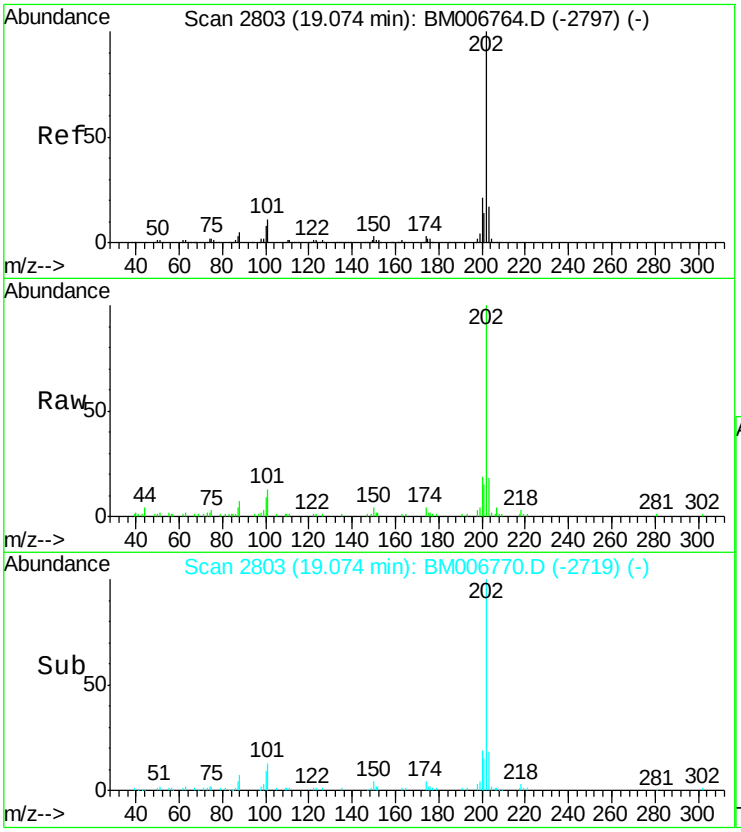


#25
Phenanthrene
Concen: 1.08 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006770.D
Acq: 30 Jul 2016 13:05

Tgt Ion:178 Resp: 56641

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	19.6	14.8	22.2





#28
Fluoranthene
Concen: 1.14 ng/ul m
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006770.D
Acq: 30 Jul 2016 13:05

Tgt Ion:202 Resp: 70502

Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.9	13.3#
100	8.7	7.0	10.4

Instrument :
BNA_M
ClientSampleId :
DA0E3MSD

Manual Integrations APPROVED
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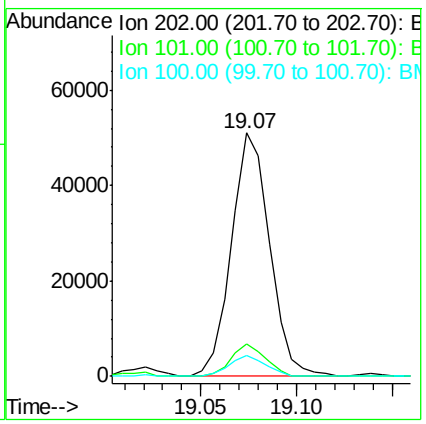

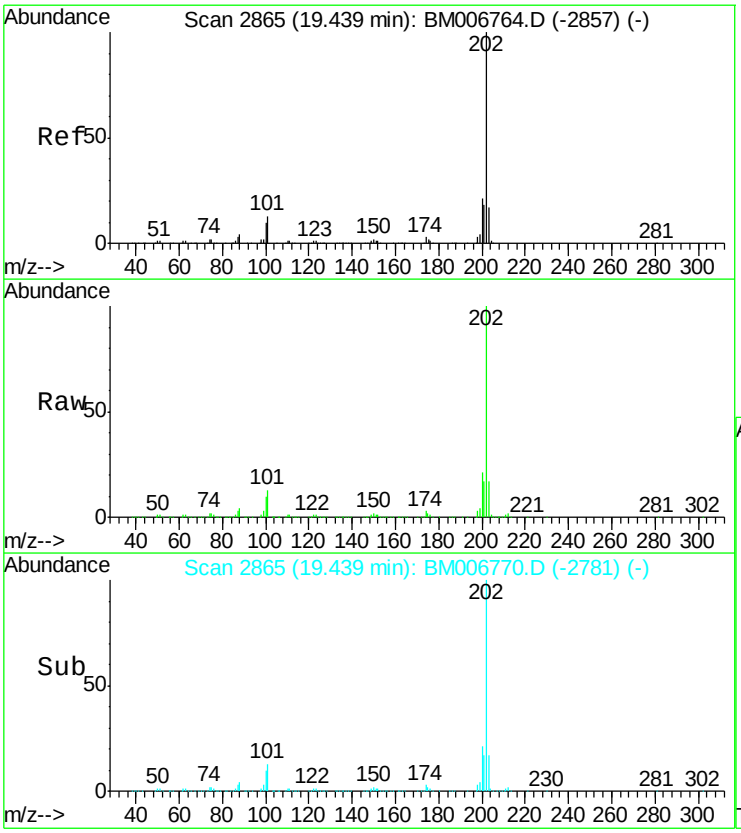

#31
Pyrene
Concen: 15.77 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006770.D
Acq: 30 Jul 2016 13:05

Tgt Ion:202 Resp: 1041270

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.3	9.3	13.9