Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
Data File : BM006767.D
Acq On : 30 Jul 2016 11:15
Operator : UM/SJ
Sample : H4189-21
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZQ8

Quant Time: Aug 01 05:19:23 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	190108	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	833589	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	470786	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1053894	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1256701	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1296918	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	10378	2.21	ng/uL	0.00
3) Phenol-d5	6.79	99	390945	24.17	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	264390	26.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	316638	24.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	293599	23.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	151627	24.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	158554	23.63	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	292522	23.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	404657	28.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	961083	26.04	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1232837	26.17	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	125118	19.52	ng/ul	0.00
21) Fluorene-d10	15.26	176	839240	25.42	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	98717	18.05	ng/ul	0.00
26) Anthracene-d10	17.10	188	1301922	26.02	ng/ul	0.00
30) Pyrene-d10	19.41	212	1495228	26.11	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1563561	26.21	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	81463	1.37	ng/ul	99
28) Fluoranthene	19.07	202	127664	1.83	ng/ul	98
31) Pyrene	19.44	202	115902	1.52	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	97816	1.26	ng/ul	95

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

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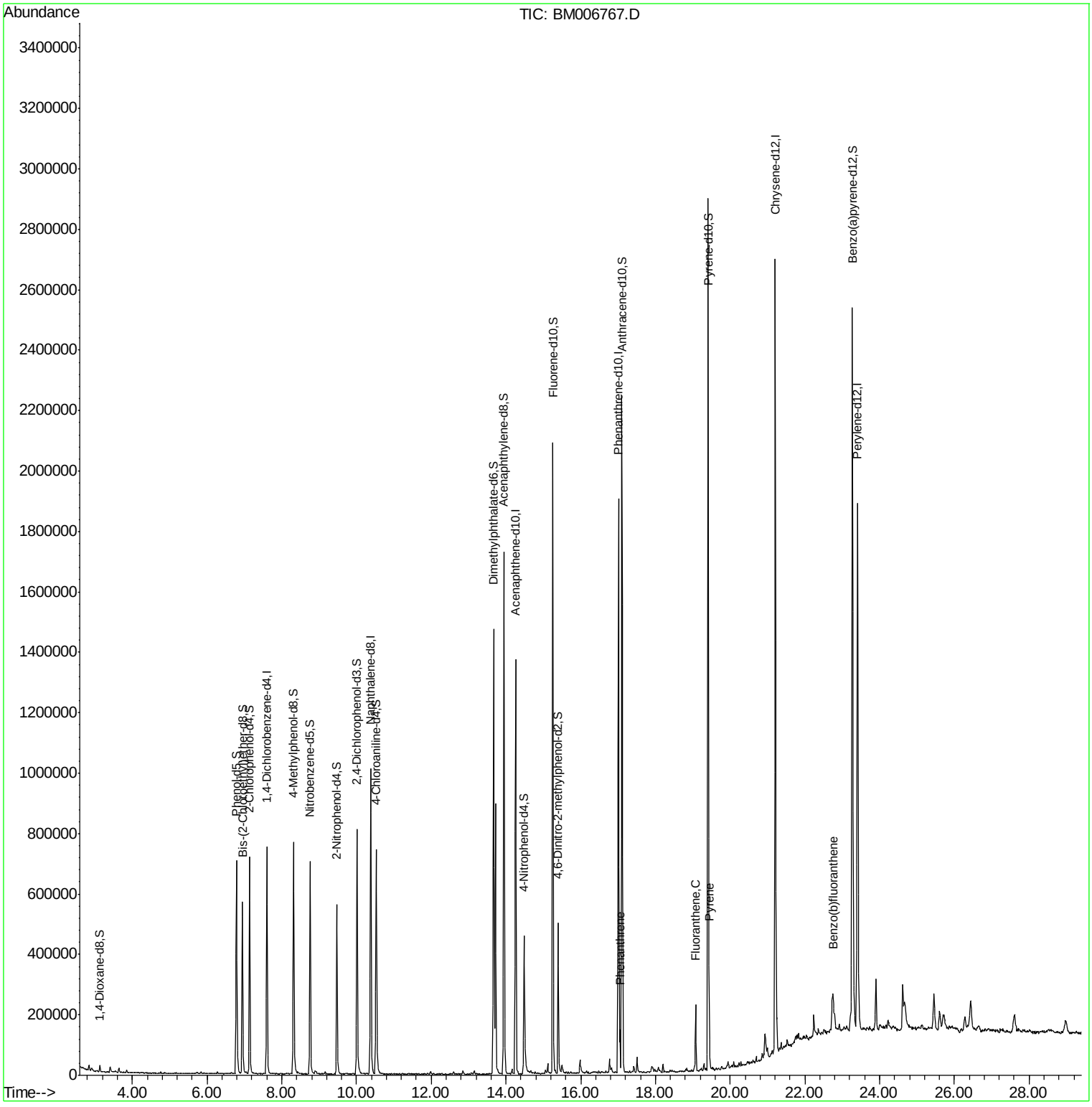
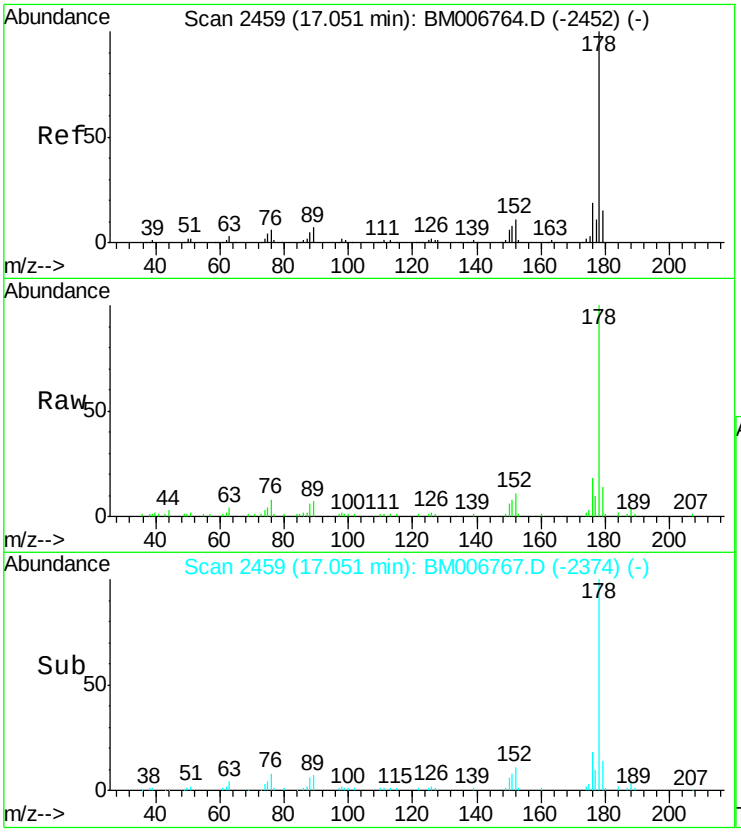


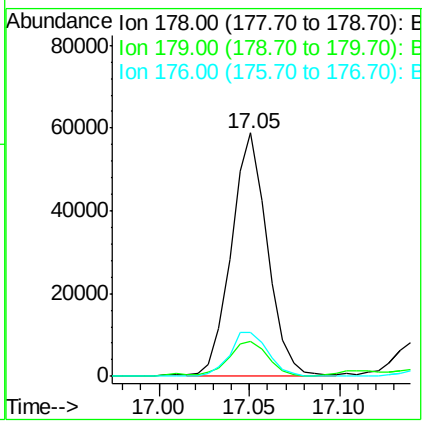


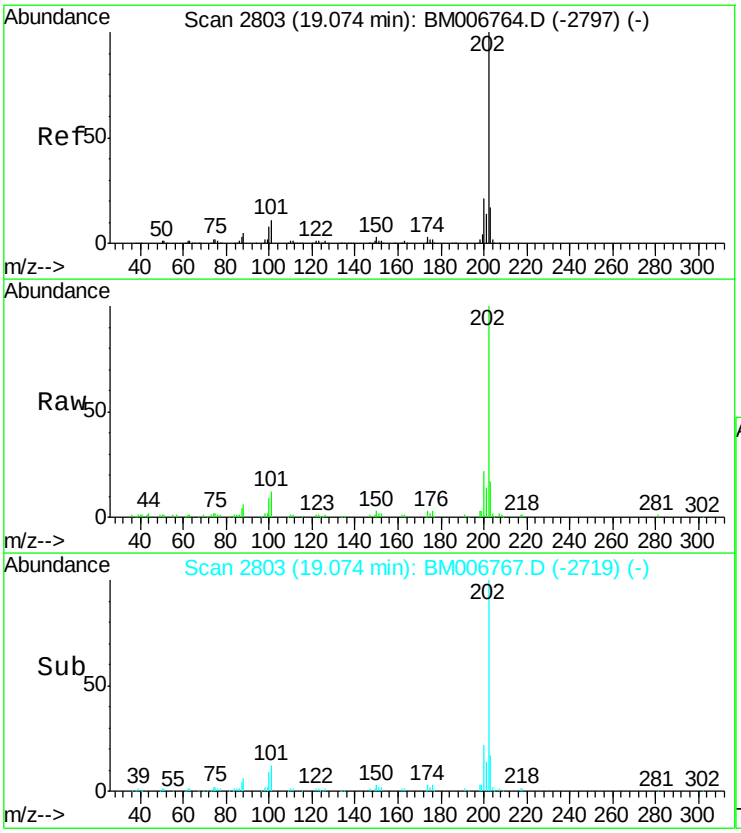
#25
Phenanthrene
Concen: 1.37 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006767.D
Acq: 30 Jul 2016 11:15

Instrument :
BNA_M
ClientSampleId :
D9ZQ8

Tgt Ion:178 Resp: 81463

Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.8	17.8
176	18.2	14.8	22.2

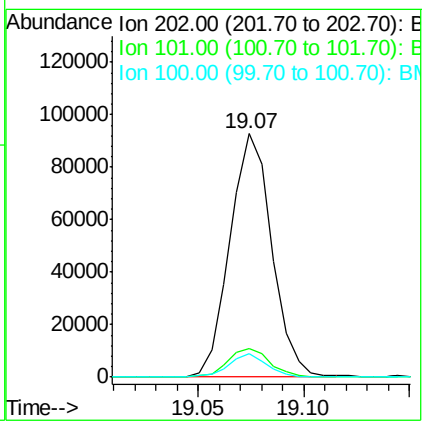


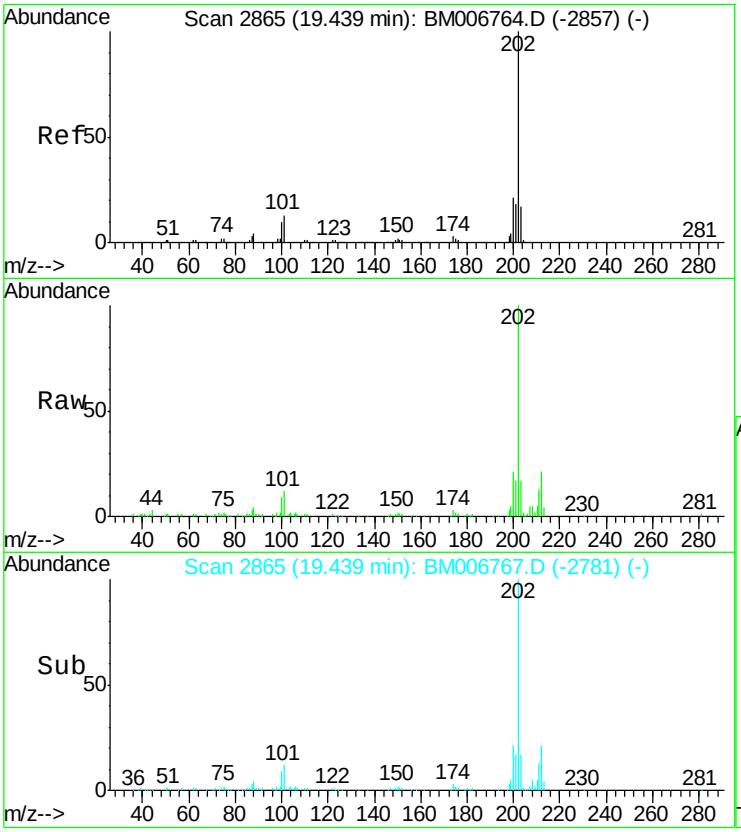


#28
Fluoranthene
Concen: 1.83 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006767.D
Acq: 30 Jul 2016 11:15

Tgt Ion:202 Resp: 127664

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	9.4	7.0	10.4



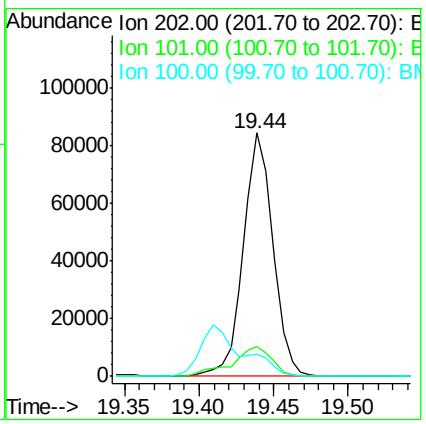


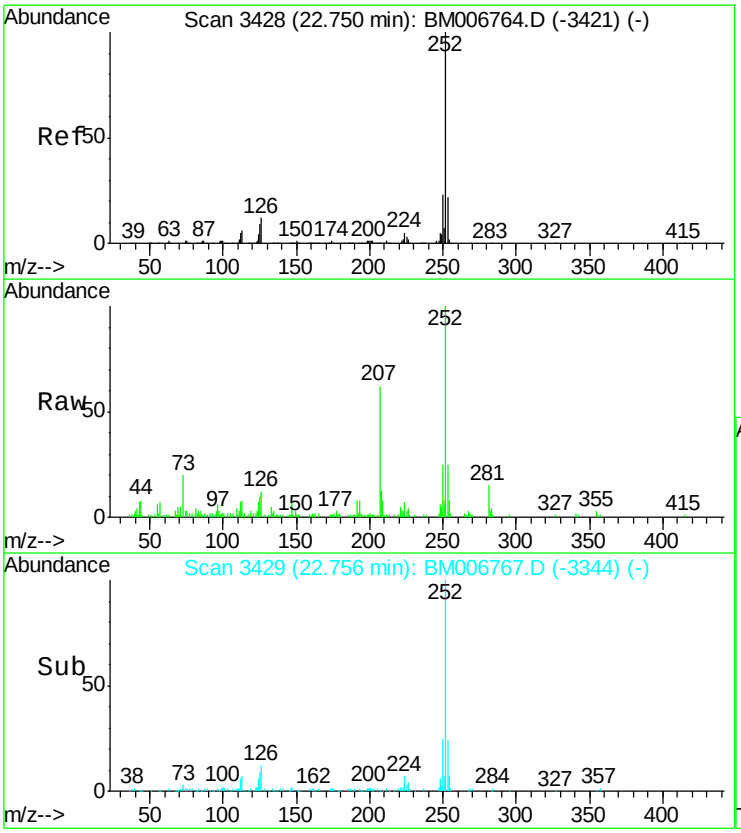
#31
Pyrene
Concen: 1.52 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006767.D
Acq: 30 Jul 2016 11:15

Instrument :
BNA_M
ClientSampleId :
D9ZQ8

Tgt Ion:202 Resp: 115902

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.3	9.3	13.9





#35
Benzo(b)fluoranthene
Concen: 1.26 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006767.D
Acq: 30 Jul 2016 11:15

Tgt Ion:252 Resp: 97816

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	10.2	7.6	11.4