Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006591.D
Acq On : 21 Jul 2016 17:19
Operator : UM/SJ
Sample : H4078-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YS0

Quant Time: Jul 22 02:09:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	148705	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	640703	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	358181	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	810056	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	944868	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	984256	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5128	1.39	ng/uL	0.00
3) Phenol-d5	6.79	99	179078	14.15	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	130540	16.66	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	148951	14.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	114071	11.63	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	73707	15.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	77183	14.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	142733	14.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	188736	17.58	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	480835	17.12	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	598118	16.69	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	39235	8.04	ng/ul	0.00
21) Fluorene-d10	15.26	176	433295	17.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	40983	9.75	ng/ul	0.00
26) Anthracene-d10	17.11	188	662843	17.23	ng/ul	0.00
30) Pyrene-d10	19.42	212	765955	17.79	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	789496	17.44	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	46865	1.03	ng/ul	96
28) Fluoranthene	19.08	202	84730	1.58	ng/ul	97
31) Pyrene	19.44	202	73613	1.29	ng/ul	99
35) Benzo(b)fluoranthene	22.76	252	68798	1.17	ng/ul	97

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

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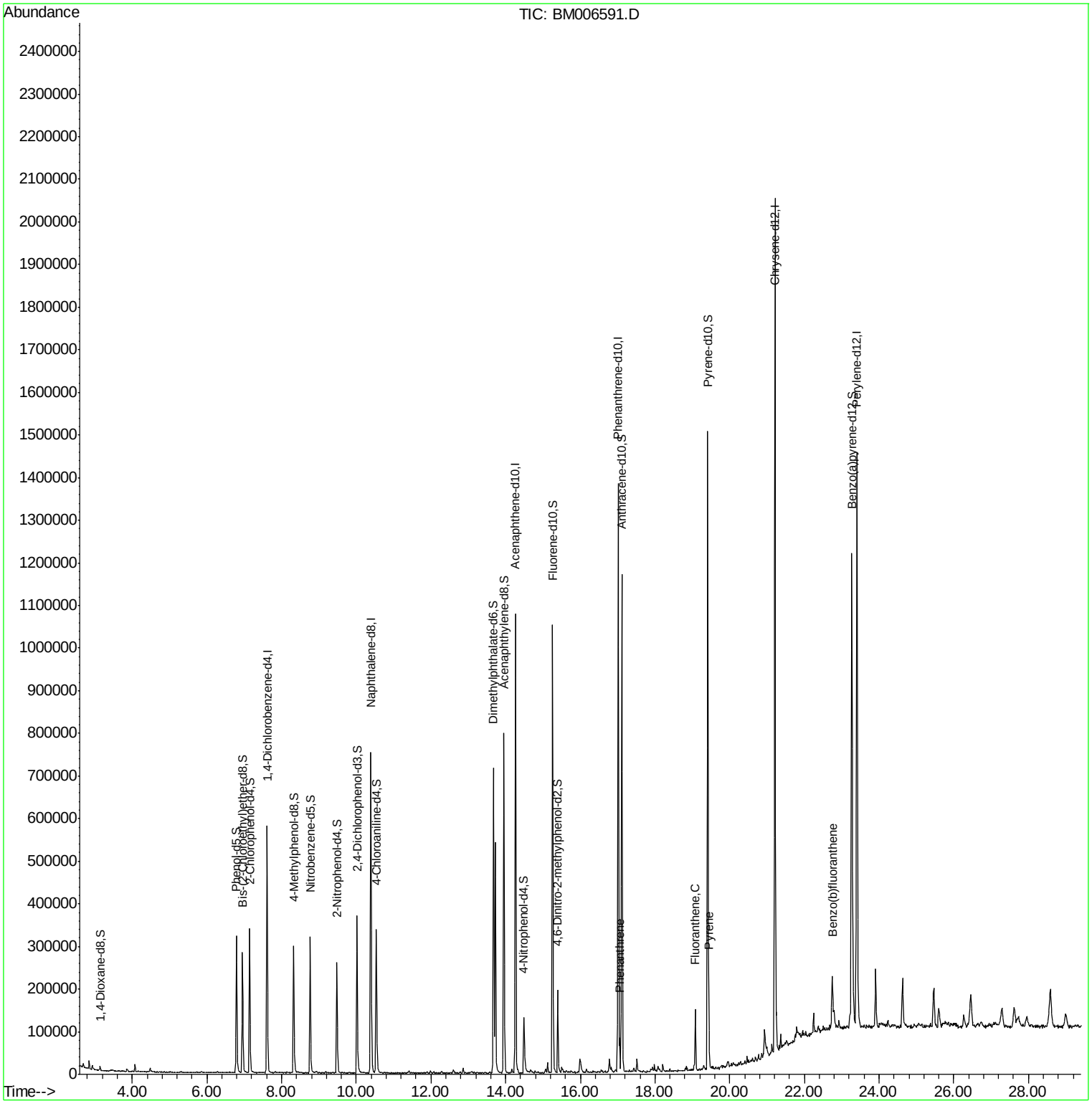
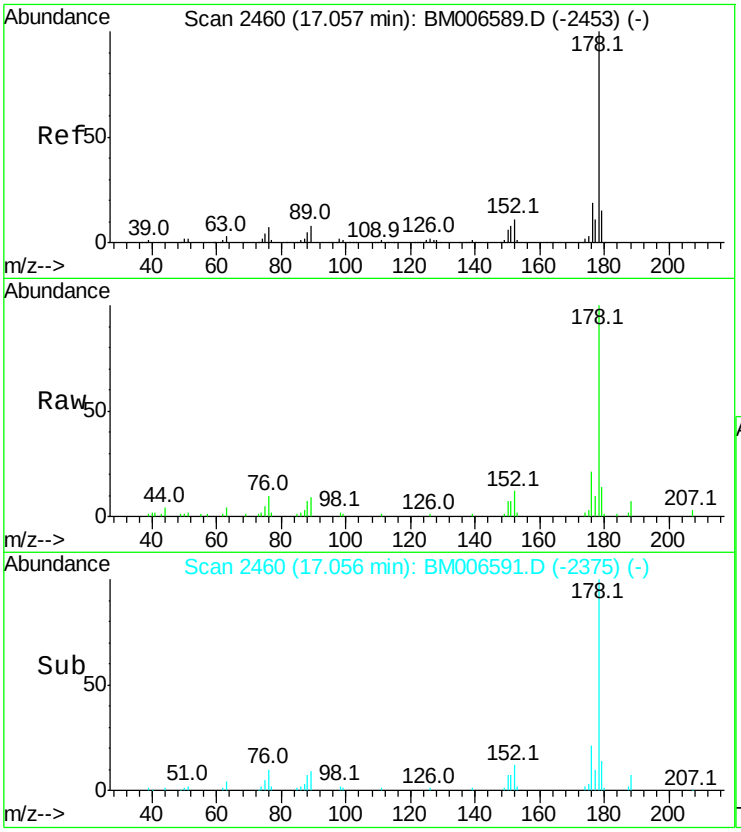


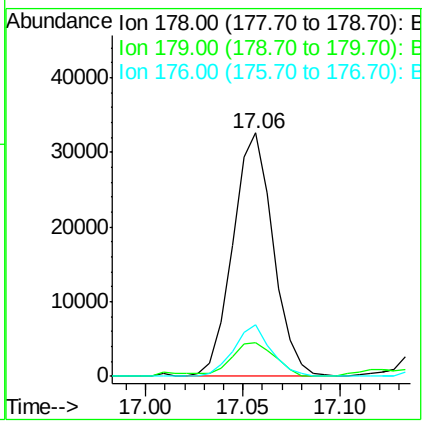


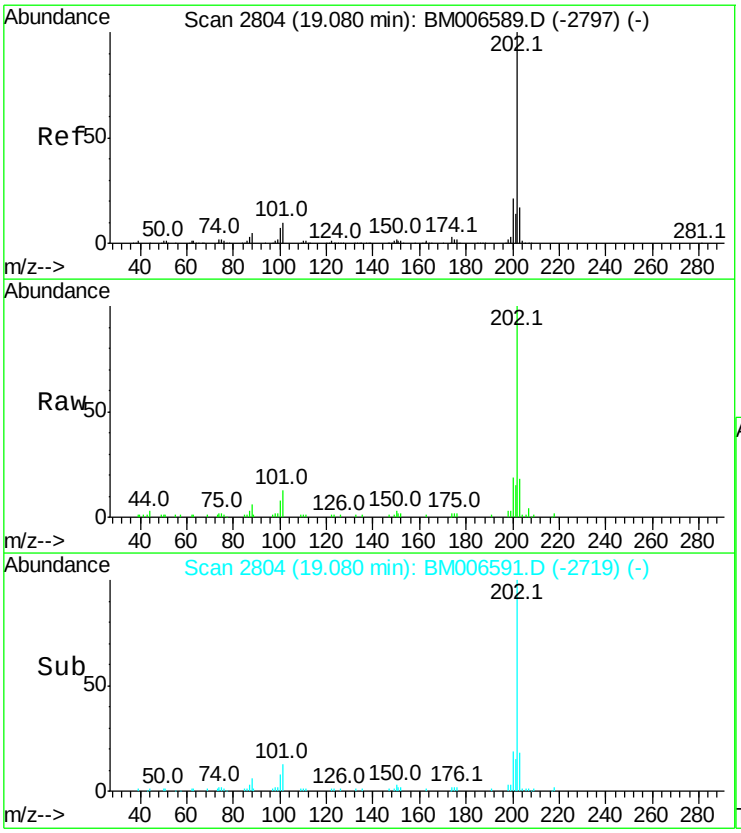
#25
Phenanthrene
Concen: 1.03 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006591.D
Acq: 21 Jul 2016 17:19

Instrument :
BNA_M
ClientSampleId :
D9YS0

Tgt Ion:178 Resp: 46865

Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.8	17.8
176	21.3	14.8	22.2

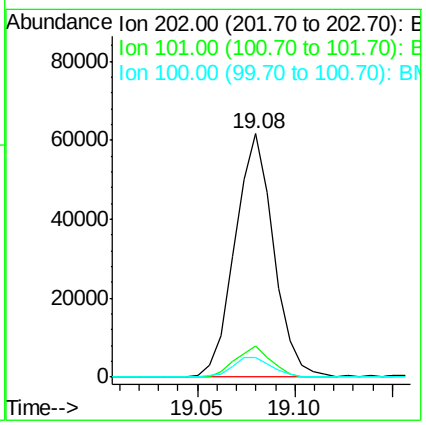


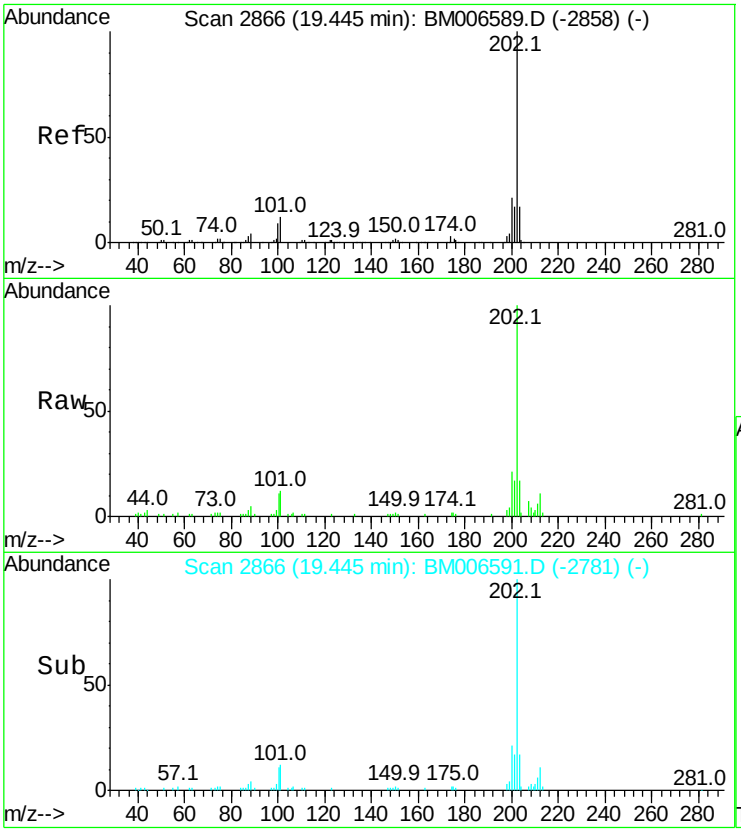


#28
Fluoranthene
Concen: 1.58 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006591.D
Acq: 21 Jul 2016 17:19

Tgt Ion:202 Resp: 84730

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.9	13.3
100	8.3	7.0	10.4



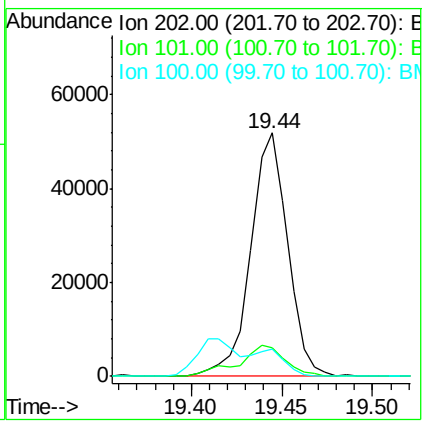


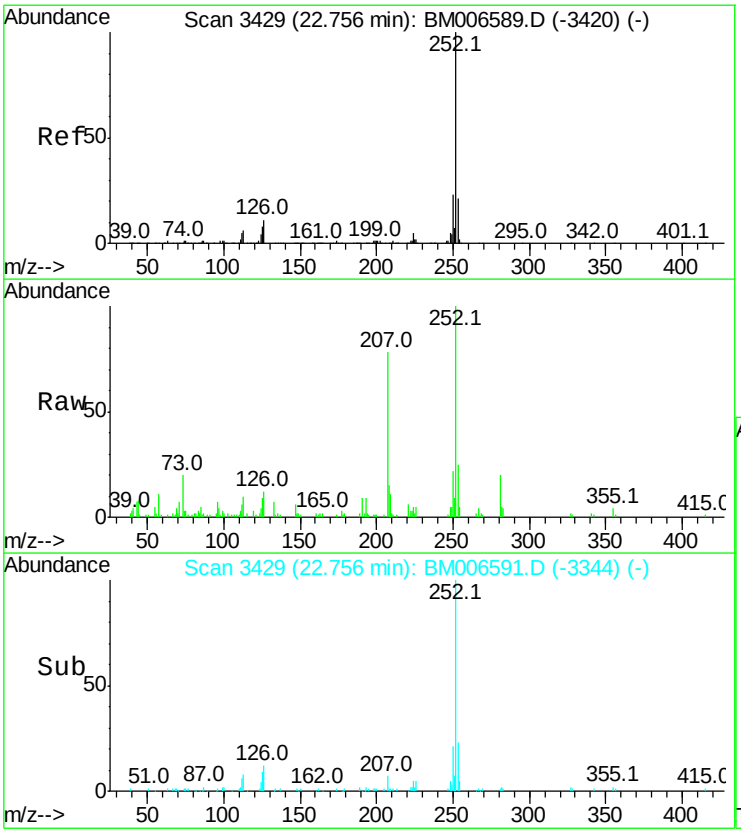
#31
Pyrene
Concen: 1.29 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006591.D
Acq: 21 Jul 2016 17:19

Instrument :
BNA_M
ClientSampleId :
D9YS0

Tgt Ion:202 Resp: 73613

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	11.0	9.3	13.9





#35
Benzo(b)fluoranthene
Concen: 1.17 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006591.D
Acq: 21 Jul 2016 17:19

Tgt Ion:252 Resp: 68798

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	8.9	7.6	11.4