Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041990.D
Acq On : 6 Aug 2019 6:54
Operator : HP/JU
Sample : K4022-20
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETNK6

Quant Time: Aug 06 07:56:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 06:57:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	144348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	543540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	384119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	813148	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	901762	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	1054354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
69) Phenanthrene	17.49	178	59176	1.329	ng/ul	100
76) Fluoranthene	19.50	202	192667	3.746	ng/ul	97
79) Pyrene	19.86	202	65107	1.073	ng/ul	100
84) Chrysene	21.77	228	83198	1.426	ng/ul	94

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

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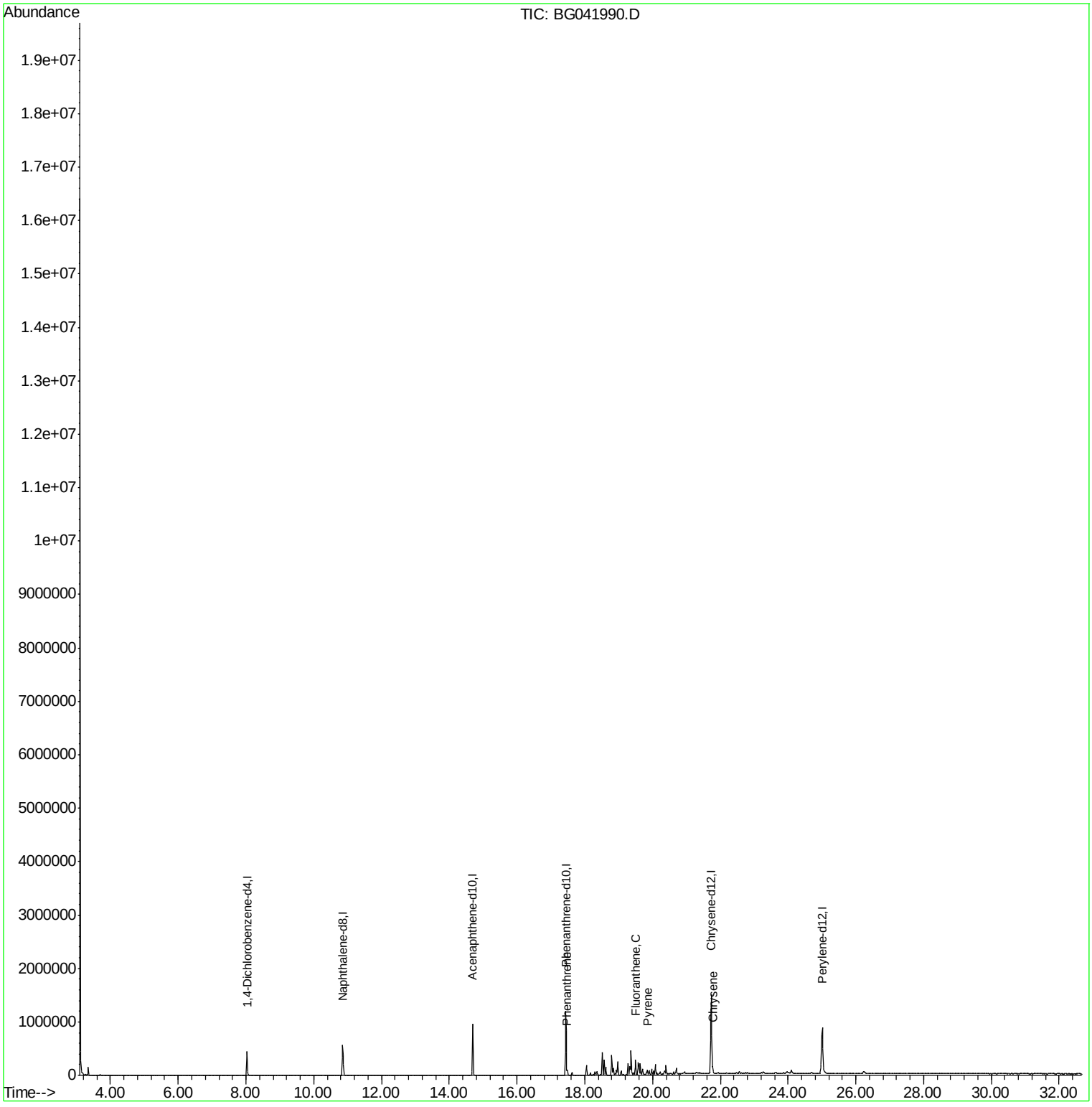
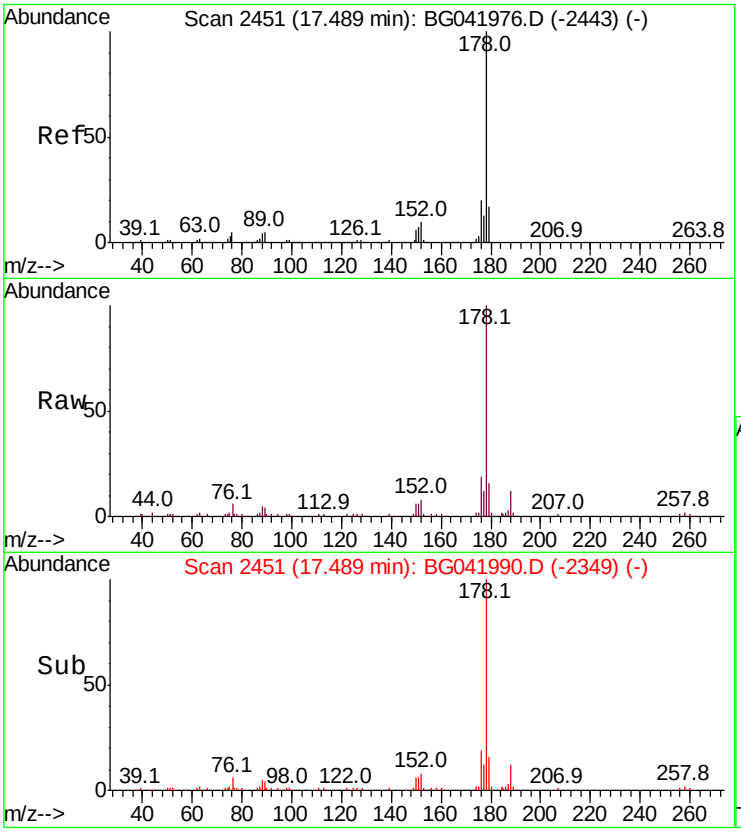


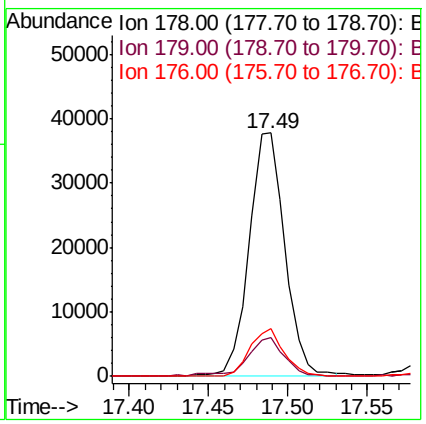


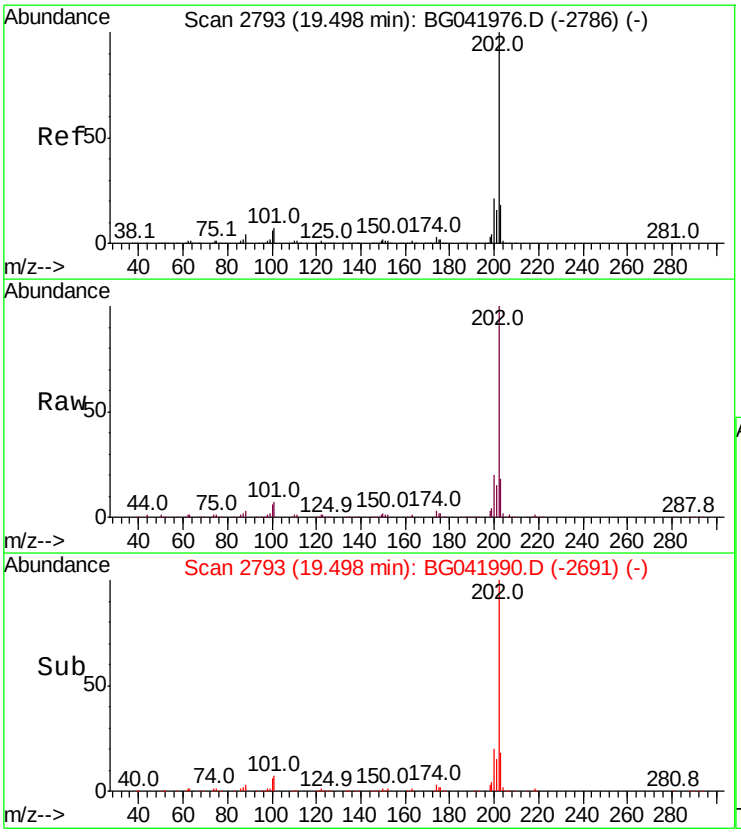
#69
Phenanthrene
Concen: 1.329 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Instrument :
BNA_G
ClientSampleId :
ETNK6

Tgt Ion:178 Resp: 59176

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.4	15.4	23.2

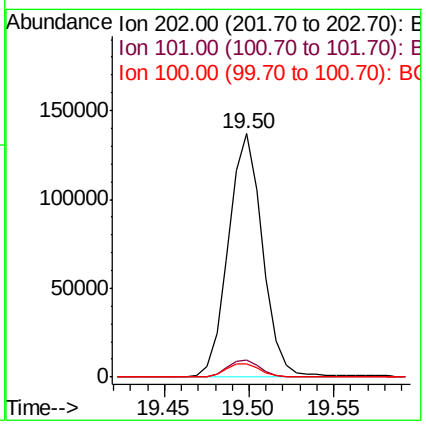


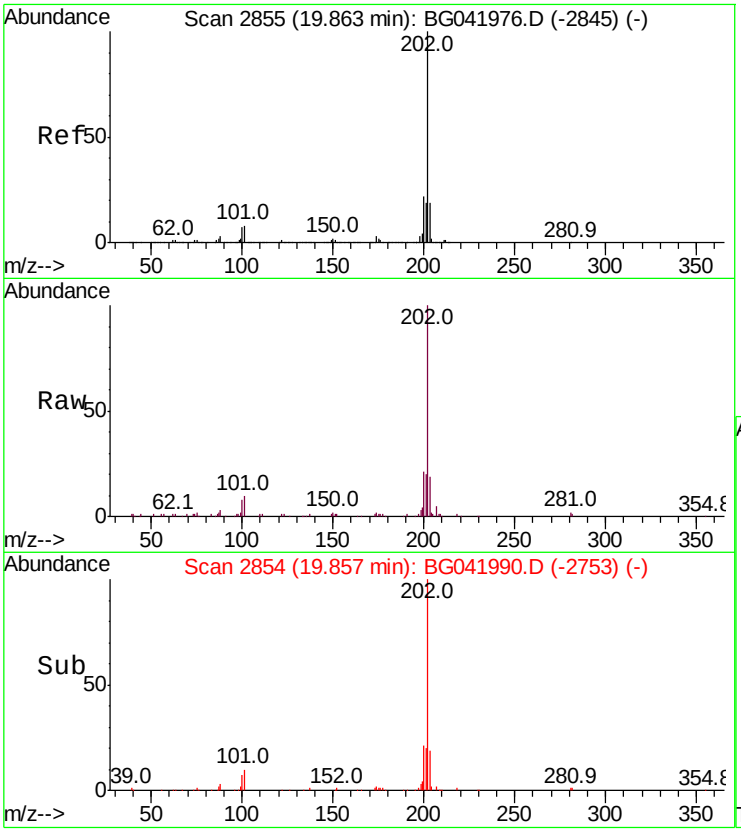


#76
Fluoranthene
Concen: 3.746 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Tgt Ion:202 Resp: 192667

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
100	5.7	5.3	7.9



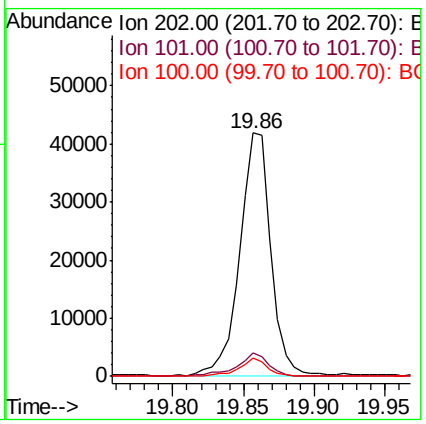


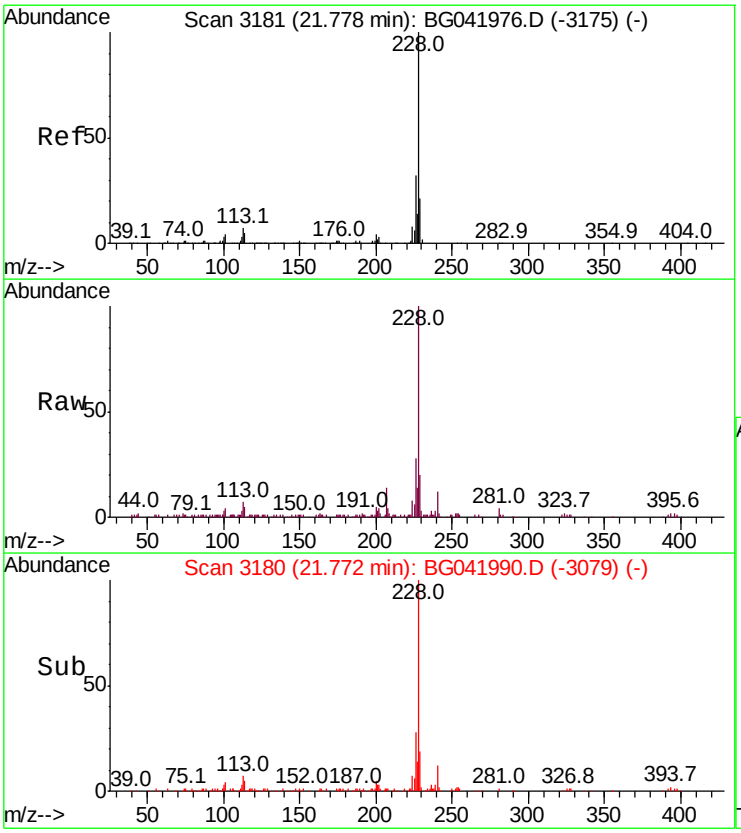
#79
Pyrene
Concen: 1.073 ng/ul
RT: 19.86 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Instrument :
BNA_G
ClientSampleId :
ETNK6

Tgt Ion:202 Resp: 65107

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.6	11.4
100	7.8	6.5	9.7





#84
Chrysene
Concen: 1.426 ng/ul
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041990.D
Acq: 6 Aug 2019 6:54

Tgt Ion:228 Resp: 83198

Ion	Ratio	Lower	Upper
228	100		
226	27.6	25.7	38.5
229	19.6	16.6	24.8