Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
Data File : BM001959.D
Acq On : 16 Jul 2015 22:57
Operator : TP/UM
Sample : G2998-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02H8

Quant Time: Jul 17 02:20:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	83992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	358713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	228779	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	522534	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	533143	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	414830	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	8148	4.75	ng/uL	0.00
5) Phenol-d5	6.82	99	187877	27.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	109849	29.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	153225	28.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	163468	29.02	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	77926	29.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	93090	31.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	166082	27.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	211010	34.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	536346	29.07	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	565589	25.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	73161	23.41	ng/ul	0.00
57) Fluorene-d10	15.30	176	371436	23.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	44784	13.24	ng/ul	0.00
70) Anthracene-d10	17.15	188	506165	20.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	480111	19.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	238705	11.38	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.77	163	258018	13.75	ng/ul	99
69) Phenanthrene	17.10	178	46685	1.65	ng/ul	98
76) Fluoranthene	19.12	202	35116	1.06	ng/ul	97
79) Pyrene	19.48	202	43823	1.37	ng/ul#	96

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

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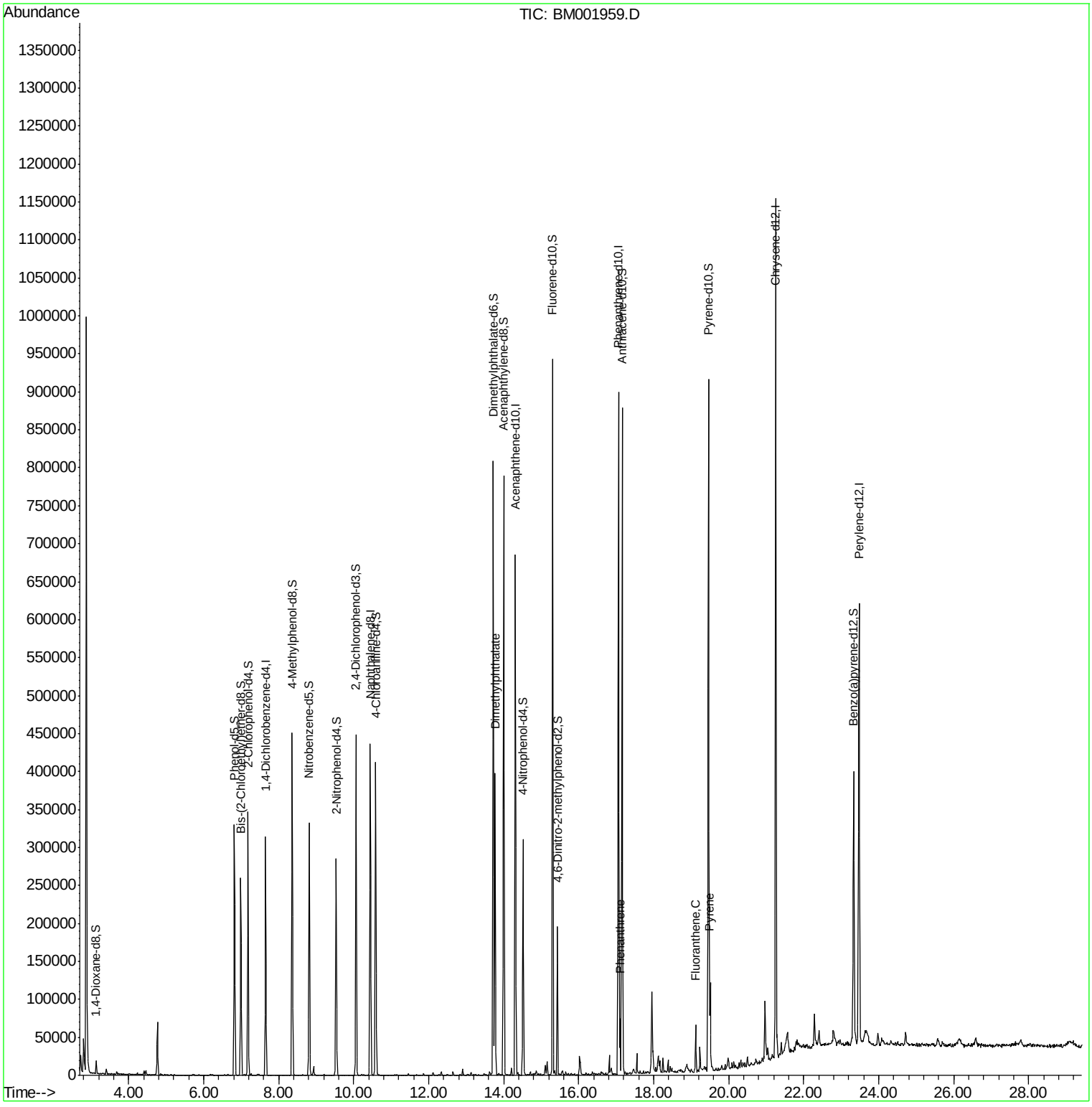
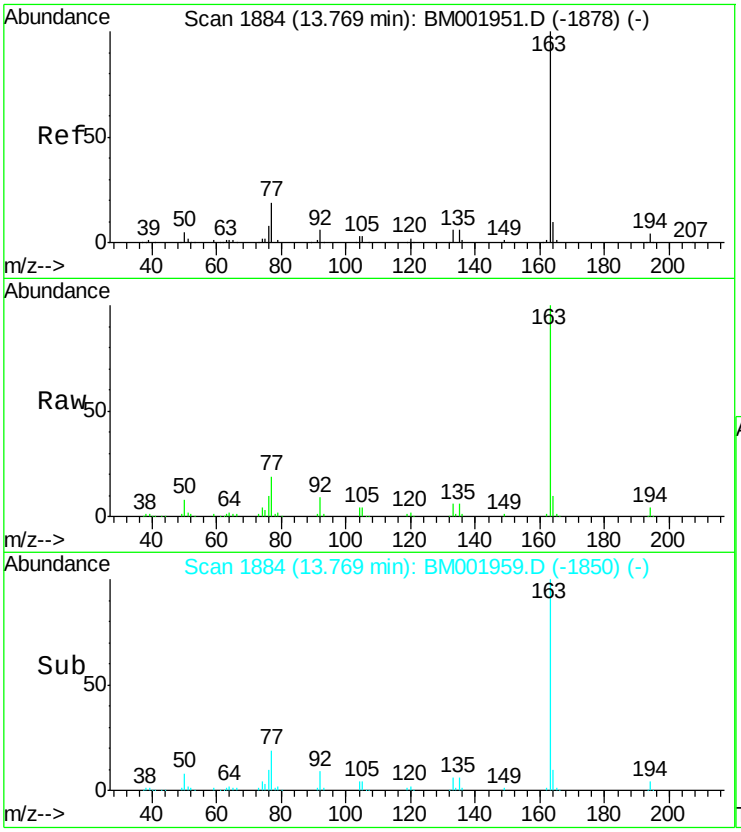


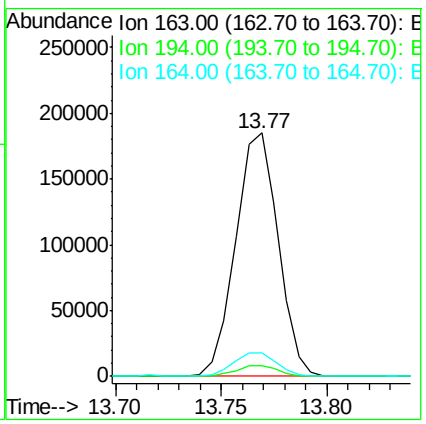


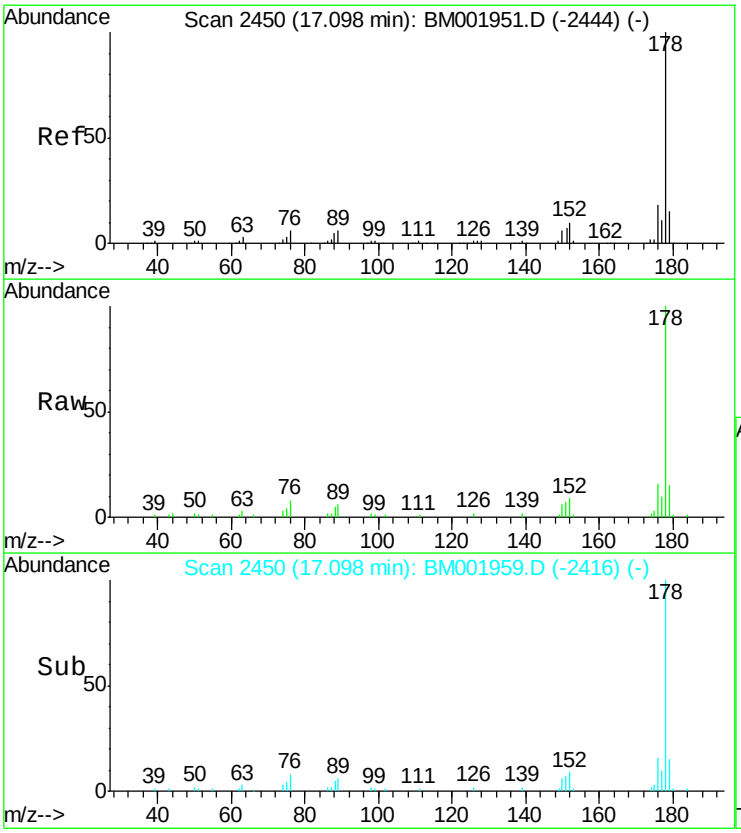
#44
Dimethylphthalate
Concen: 13.75 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BM001959.D
Acq: 16 Jul 2015 22:57

Instrument :
BNA_M
ClientSampleId :
C02H8

Tgt Ion:163 Resp: 258018

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	7.6	11.4

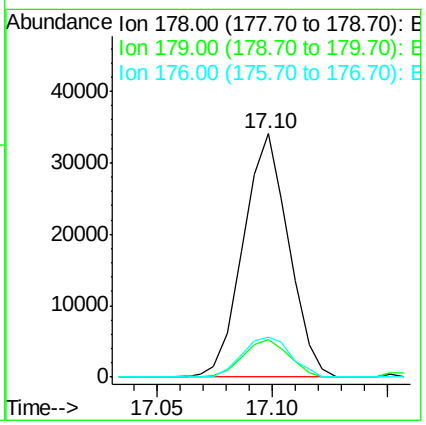


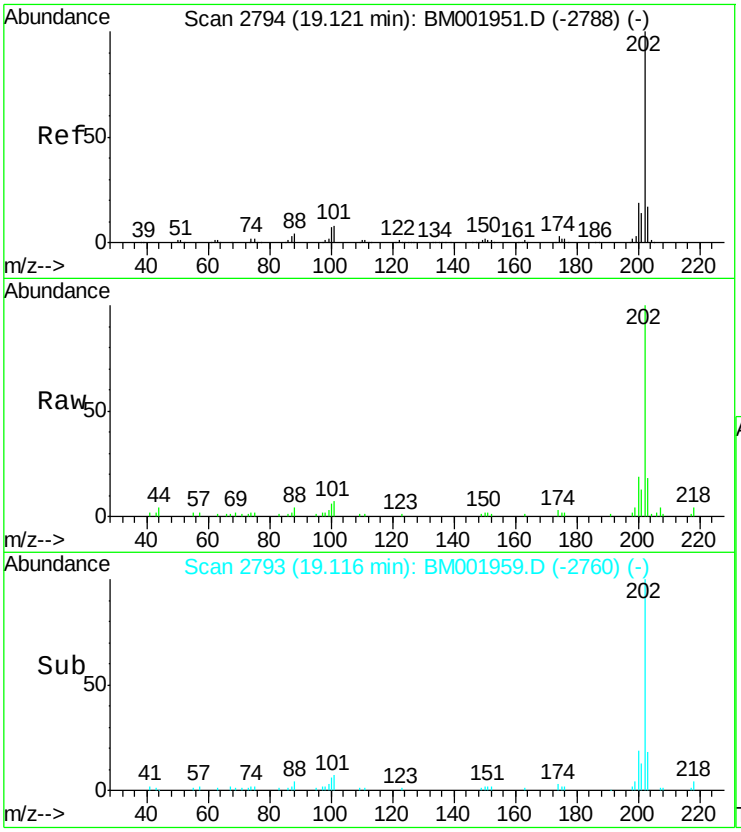


#69
Phenanthrene
Concen: 1.65 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM001959.D
Acq: 16 Jul 2015 22:57

Tgt Ion:178 Resp: 46685

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	16.5	14.5	21.7



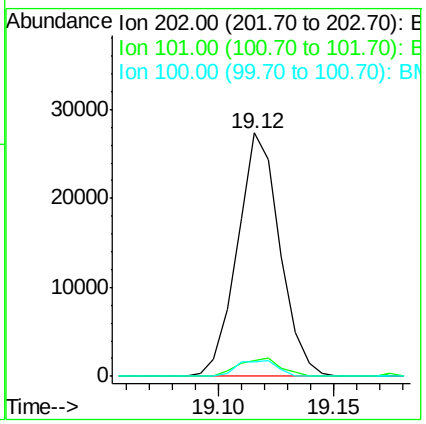


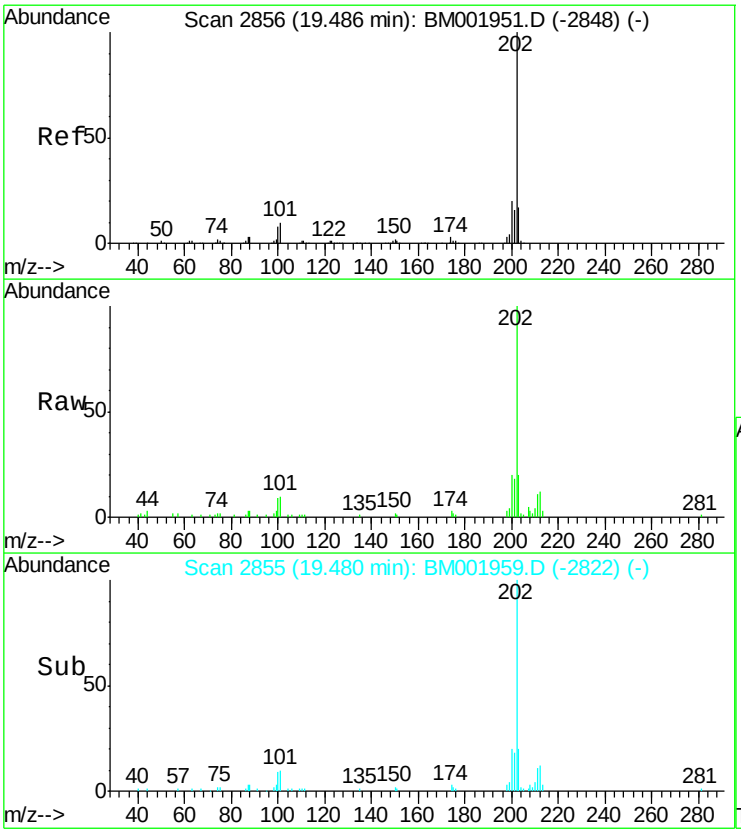
#76
Fluoranthene
Concen: 1.06 ng/ul
RT: 19.12 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM001959.D
Acq: 16 Jul 2015 22:57

Instrument :
BNA_M
ClientSampleId :
C02H8

Tgt Ion:202 Resp: 35116

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.6	9.8
100	6.2	5.2	7.8





#79
Pyrene
Concen: 1.37 ng/ul
RT: 19.48 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM001959.D
Acq: 16 Jul 2015 22:57

Tgt Ion:202 Resp: 43823

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.4	11.0
100	8.9	5.9	8.9#