Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003695.D
Acq On : 22 Dec 2015 02:29
Operator : UM/SJ
Sample : G4867-17DL 200X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2DL

Quant Time: Dec 22 04:40:50 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:40:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	104380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	54591	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	120007	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	136238	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	135554	20.00	ng/ul	-0.01
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	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	515	0.11	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	506	0.10	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.35	176	729	0.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.19	188	1118	0.20	ng/ul	0.00
79) Pyrene-d10	19.50	212	829	0.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	983	0.15	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.53	128	239310	44.50	ng/ul	100
34) 2-Methylnaphthalene	12.15	142	13329	3.32	ng/ul	97
50) Acenaphthene	14.41	153	5558	1.48	ng/ul	95

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

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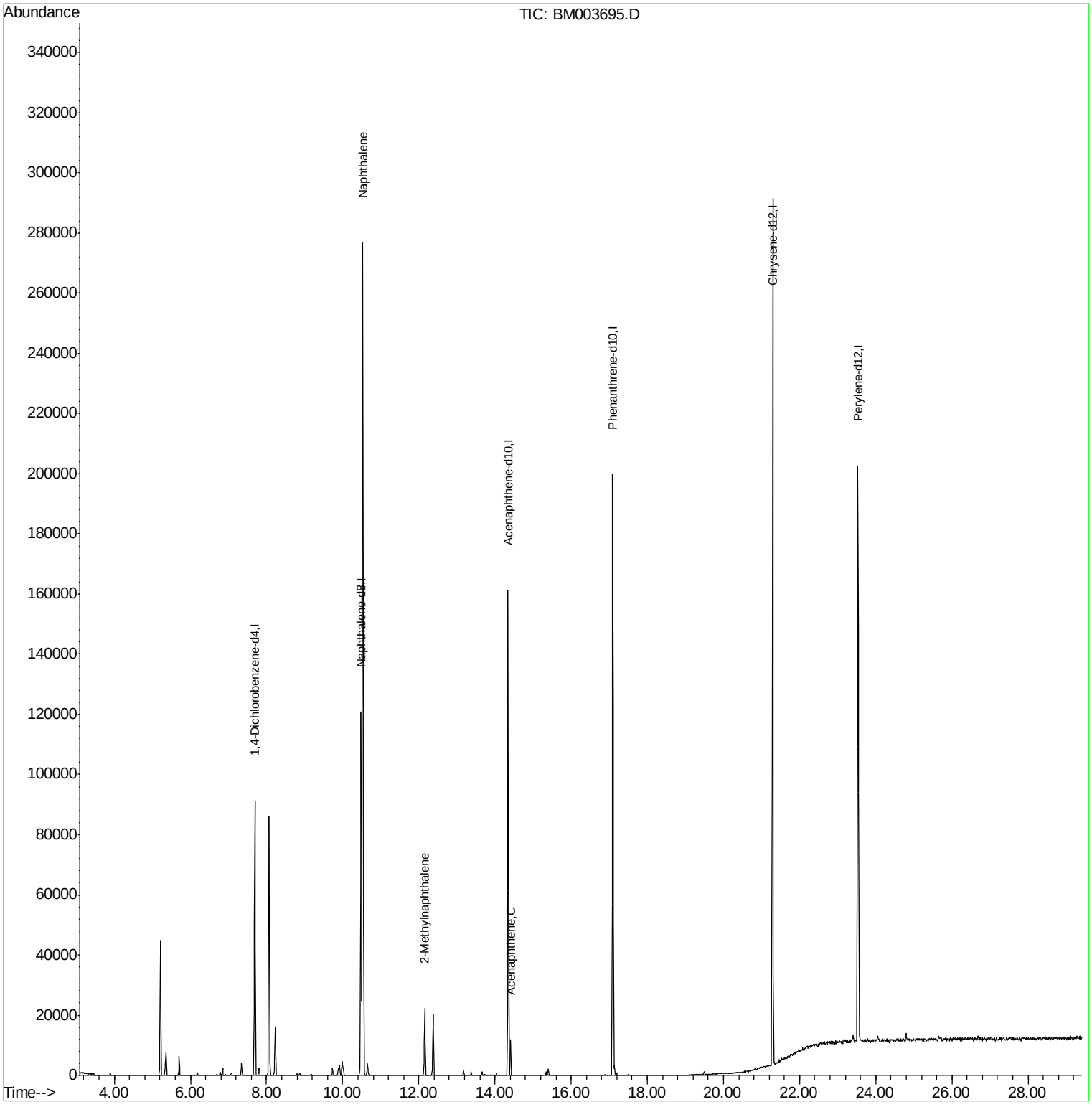
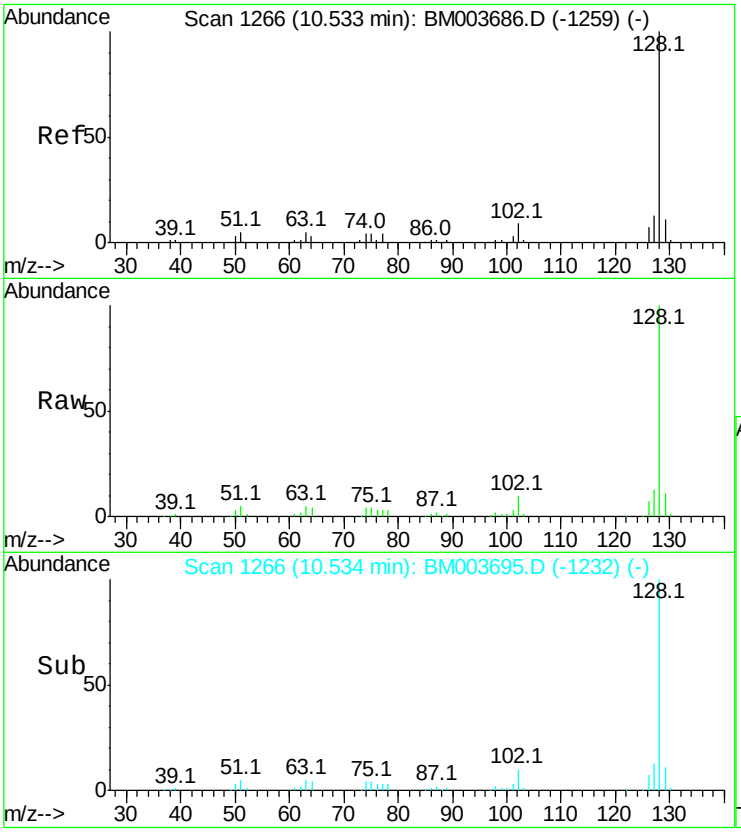


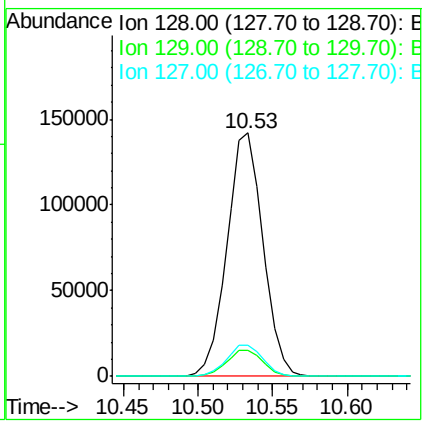


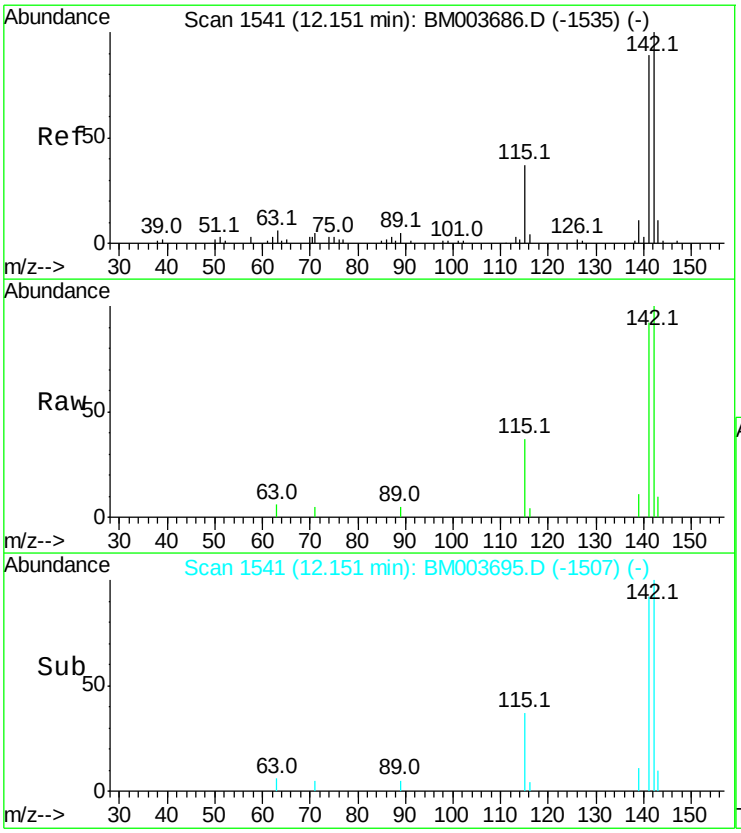
#28
Naphthalene
Concen: 44.50 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM003695.D
Acq: 22 Dec 2015 02:29

Instrument :
BNA_M
ClientSampleId :
G9DB2DL

Tgt Ion:128 Resp: 239310

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.5	15.7

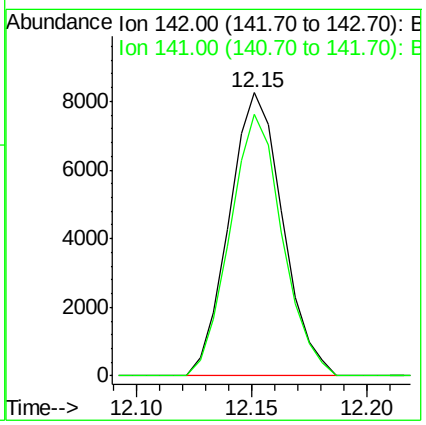


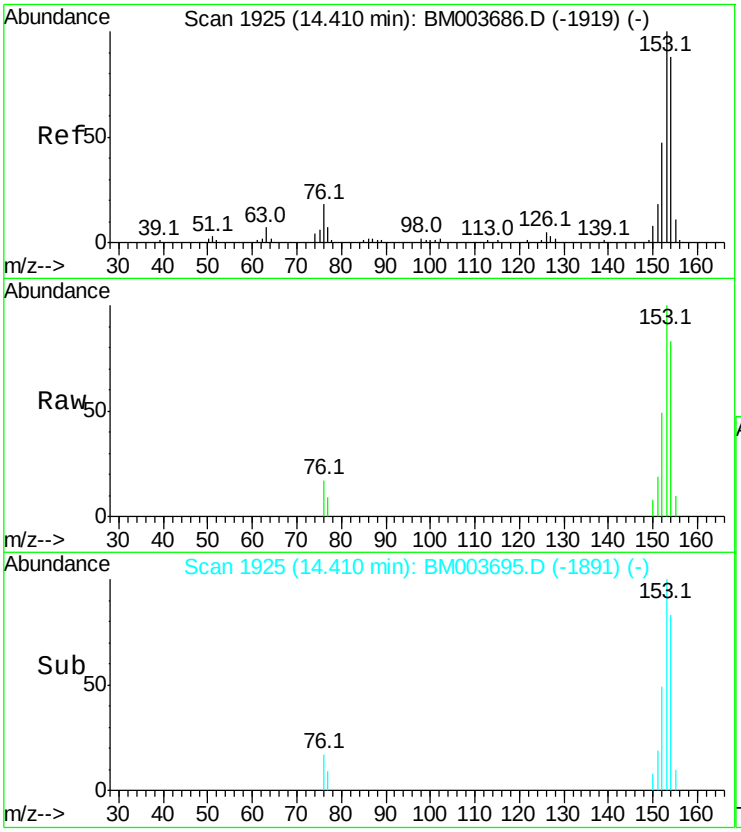


#34
2-Methylnaphthalene
Concen: 3.32 ng/ul
RT: 12.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BM003695.D
Acq: 22 Dec 2015 02:29

Tgt Ion:142 Resp: 13329

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.6	107.4





#50
Acenaphthene
Concen: 1.48 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM003695.D
Acq: 22 Dec 2015 02:29

Instrument :
BNA_M
ClientSampleId :
G9DB2DL

Tgt Ion:153 Resp: 5558

Ion	Ratio	Lower	Upper
153	100		
152	49.1	38.3	57.5
154	83.0	71.8	107.8