Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Time: Dec 15 03:10:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	139837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	541600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	366211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	692841	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	861990	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	869421	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	6604	2.22	ng/uL	0.00
5) Phenol-d5	6.88	99	77827	7.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.02	67	205393	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	222978	27.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	148150	17.63	ng/ul	0.02
19) Nitrobenzene-d5	8.83	128	140623	35.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	156348	36.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	261642	32.92	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	28869	3.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	860077	35.33	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1034638	35.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	285	0.08	ng/ul	0.00
57) Fluorene-d10	15.31	176	734215	34.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	131149	31.80	ng/ul	0.00
70) Anthracene-d10	17.16	188	1120561	37.12	ng/ul	0.00
76) Pyrene-d10	19.46	212	1301721	39.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1305384	35.76	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.49	128	391982	15.29	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	88762	4.79	ng/ul	100
49) Acenaphthene	14.37	153	21392	1.06	ng/ul#	74

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

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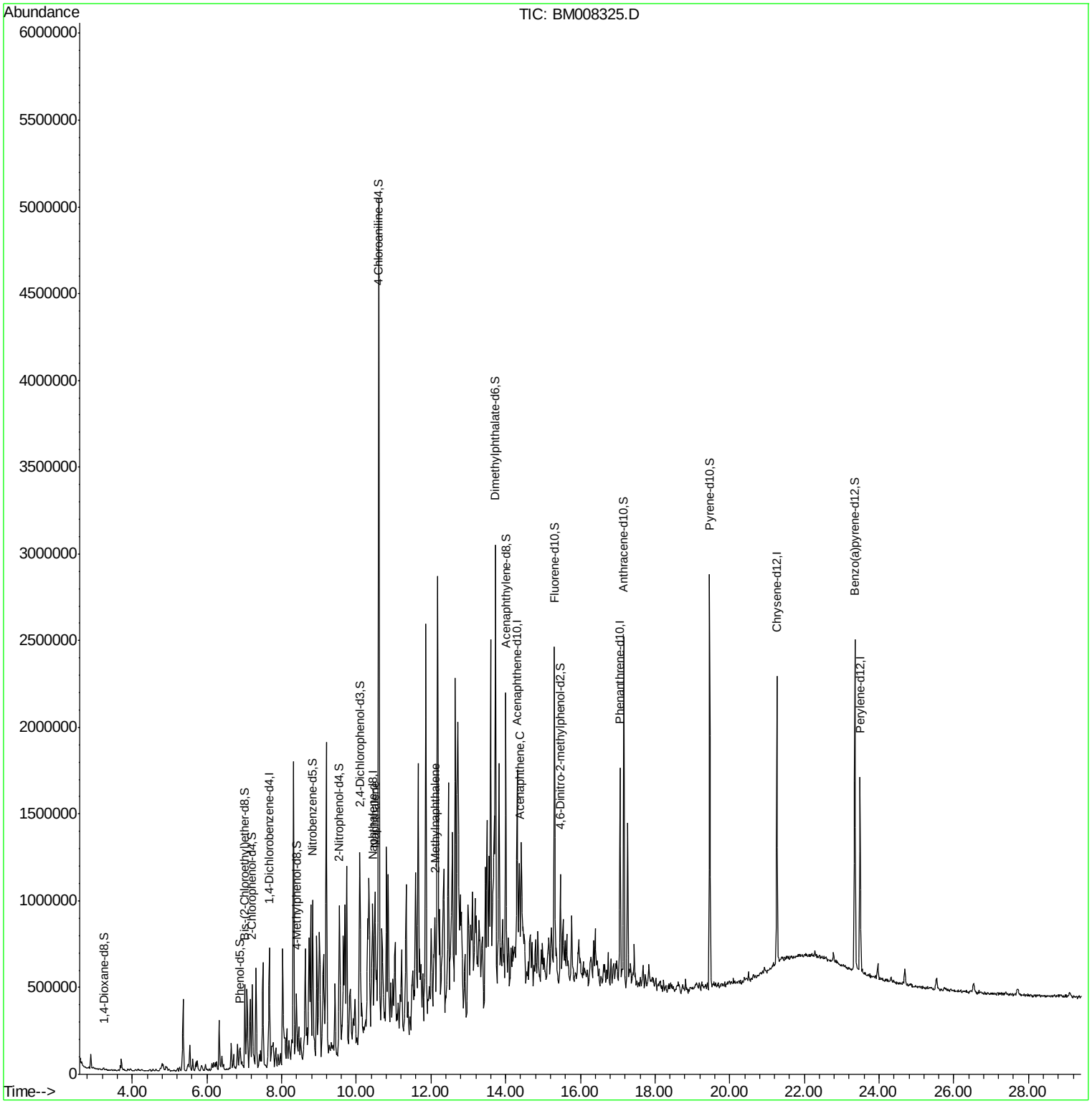
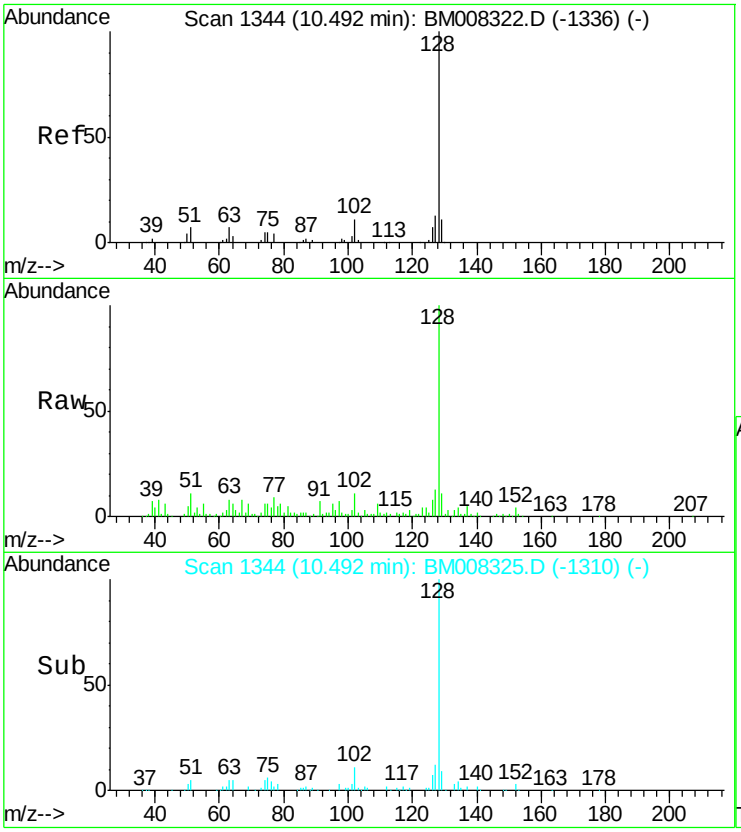


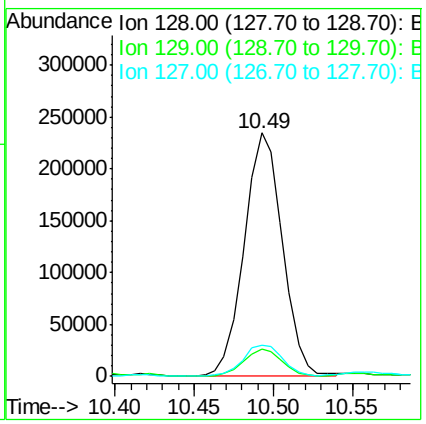


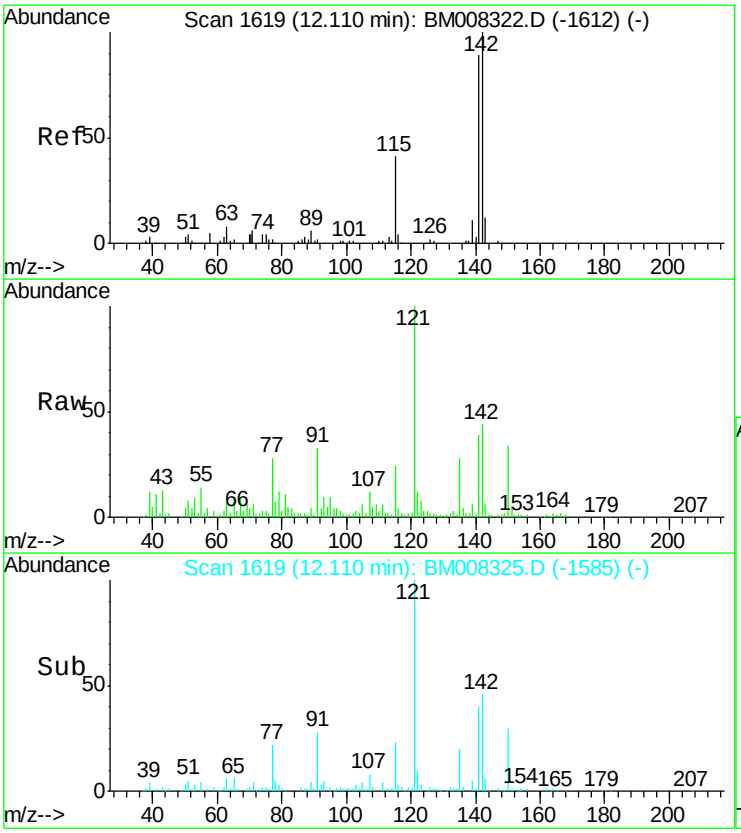
#28
Naphthalene
Concen: 15.29 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM008325.D
Acq: 15 Dec 2016 01:00

Instrument :
BNA_M
ClientSampleId :
DA887

Tgt Ion:128 Resp: 391982

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	12.6	10.4	15.6

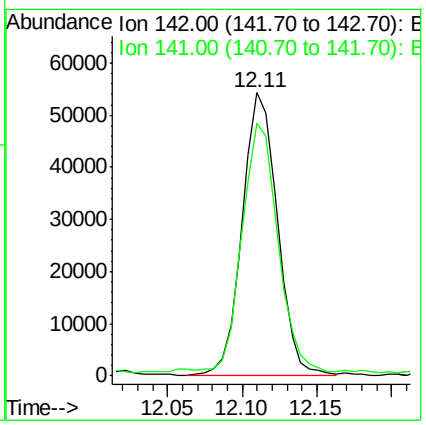


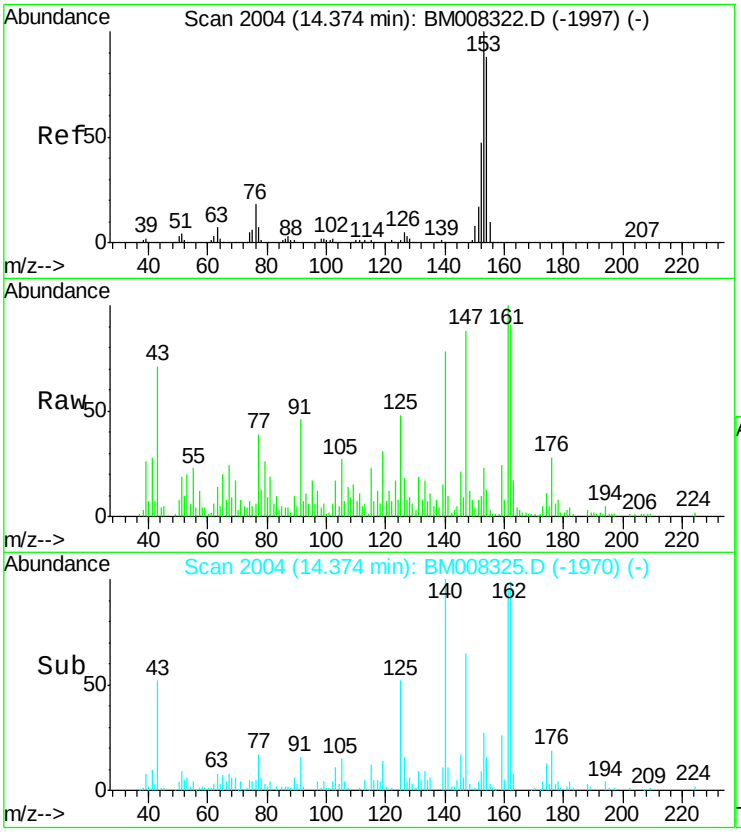


#34
2-Methylnaphthalene
Concen: 4.79 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM008325.D
Acq: 15 Dec 2016 01:00

Tgt Ion:142 Resp: 88762

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7





#49
Acenaphthene
Concen: 1.06 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM008325.D
Acq: 15 Dec 2016 01:00

Instrument :
BNA_M
ClientSampleId :
DA887

Tgt Ion:153 Resp: 21392

Ion	Ratio	Lower	Upper
153	100		
152	41.6	36.6	54.8
154	56.0	71.4	107.2#