Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058668.D
Acq On : 20 Oct 2016 1:37
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-07-S-ML

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Quant Time: Oct 20 16:23:39 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 04:39:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	568229	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2253533	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1230154	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	2021137	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1916876	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1327505	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.67	96	101255	7.74	ng/uL	0.02
3) Phenol-d5	7.81	99	1478259	33.99	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.97	67	1134424	37.03	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1430597	33.15	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1183091	33.78	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	737635	32.75	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	820324	33.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1055292	31.29	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1564401	36.28	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2752950	33.80	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3441366	35.92	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	556662	30.31	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2434064	36.69	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	536783	25.28	ng/ul	0.00
20) Anthracene-d10	18.52	188	2927740m	31.87	ng/ul	0.10
24) Pyrene-d10	20.86	212	3325169	38.96	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2040272	34.10	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	13.55	142	213362	2.99	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	96451	2.70	ng/uL	99
22) Pentachlorobenzene	15.92	250	89356	2.56	ng/uL	98

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

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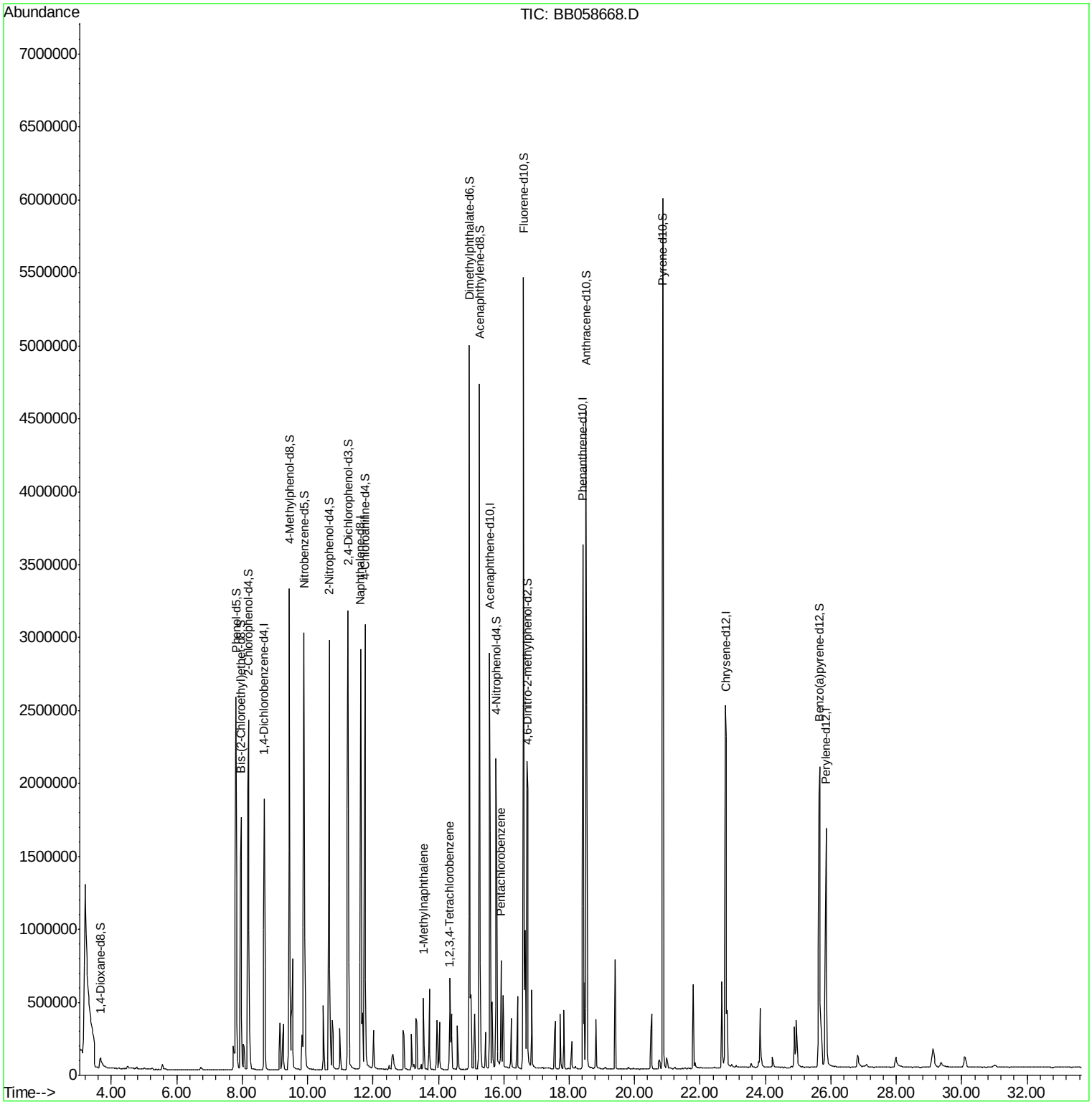
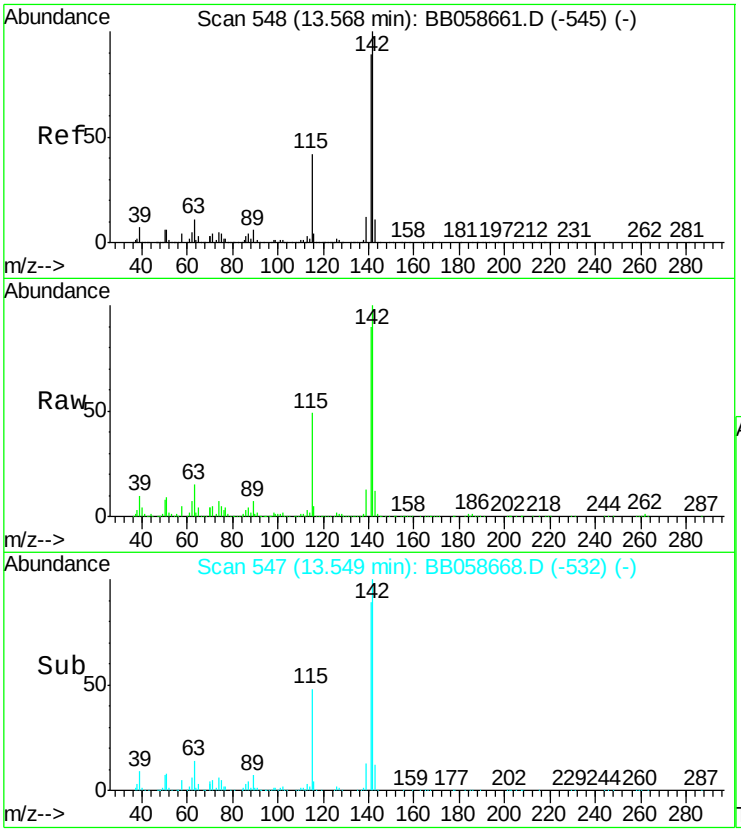
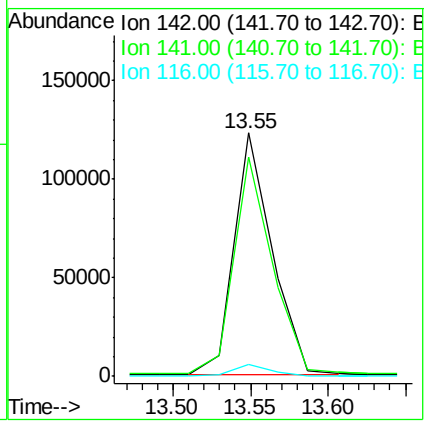




#12
1-Methylnaphthalene
Concen: 2.99 ng/ul
RT: 13.55 min Scan# 547
Delta R.T. -0.02 min
Lab File: BB058668.D
Acq: 20 Oct 2016 1:37

Tgt Ion:142 Resp: 213362

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.9	112.3
116	4.7	3.1	4.7



Instrument :
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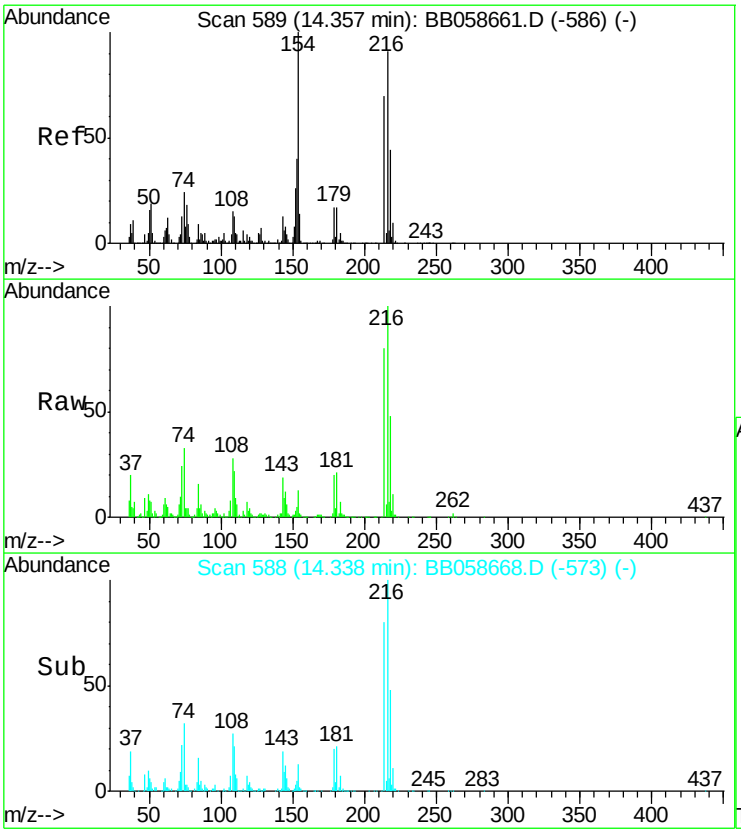
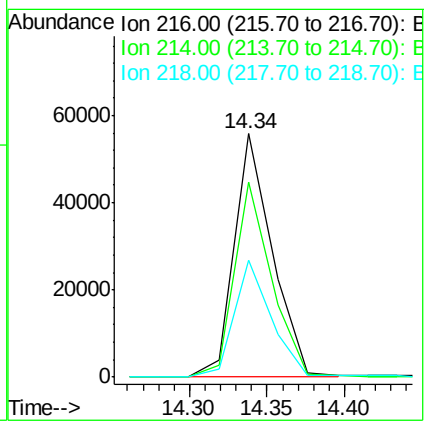
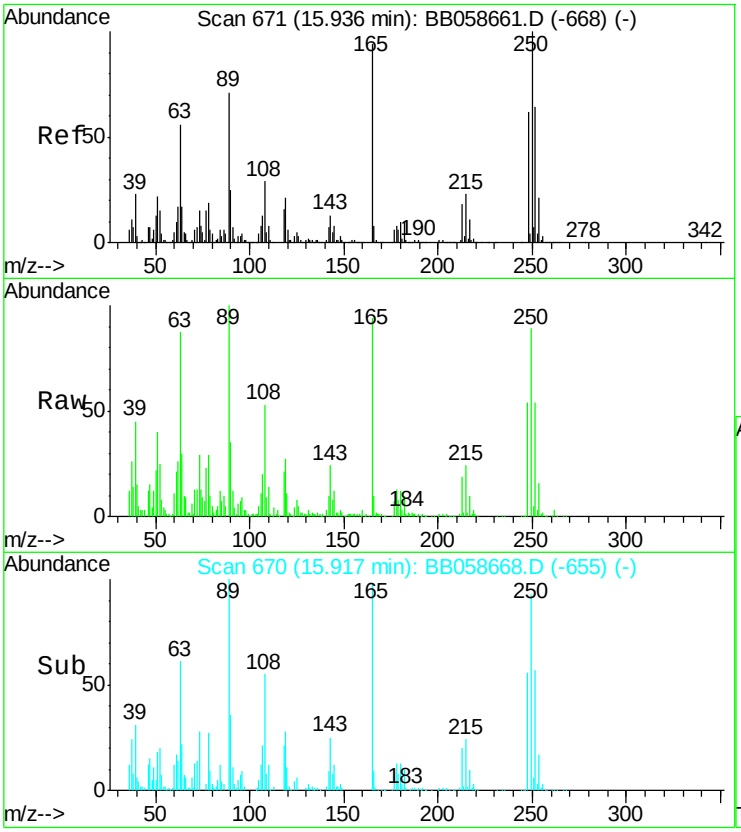


#21
1,2,3,4-Tetrachlorobenzene
Concen: 2.70 ng/uL
RT: 14.34 min Scan# 588
Delta R.T. -0.02 min
Lab File: BB058668.D
Acq: 20 Oct 2016 1:37

Tgt Ion:216 Resp: 96451

Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
218	48.1	38.4	57.6

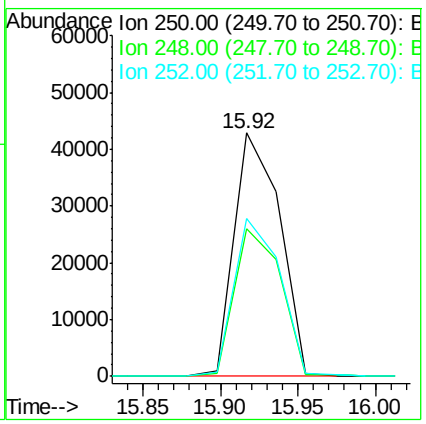




#22
Pentachlorobenzene
Concen: 2.56 ng/uL
RT: 15.92 min Scan# 670
Delta R.T. -0.02 min
Lab File: BB058668.D
Acq: 20 Oct 2016 1:37

Tgt Ion:250 Resp: 89356

Ion	Ratio	Lower	Upper
250	100		
248	60.4	50.6	75.8
252	64.9	51.4	77.0



Instrument :
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