Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058667.D
Acq On : 20 Oct 2016 00:56
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
umangi
10/20/2016 5:03:01 PM

Quant Time: Oct 20 16:23:22 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	537405	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2098566	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1147406	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	1900280	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1817497	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1239130	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.67	96	97241	7.86	ng/uL	0.02
3) Phenol-d5	7.81	99	1443239	35.08	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1099387	37.94	ng/ul	0.00
5) 2-Chlorophenol-d4	8.19	132	1406963	34.47	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1160738	35.04	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	724280	34.53	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	793273	34.78	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1010461	32.17	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1551124	38.62	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2679275	35.26	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3341036	37.39	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	532557	31.09	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2310310	37.33	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.72	200	530564	26.57	ng/ul	0.00
20) Anthracene-d10	18.51	188	2870270m	33.23	ng/ul	0.10
24) Pyrene-d10	20.86	212	3219360	39.78	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	1989930	35.63	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	13.55	142	225097m	3.39	ng/ul	
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	98370	2.93	ng/uL	97
22) Pentachlorobenzene	15.92	250	88943	2.71	ng/uL	94

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

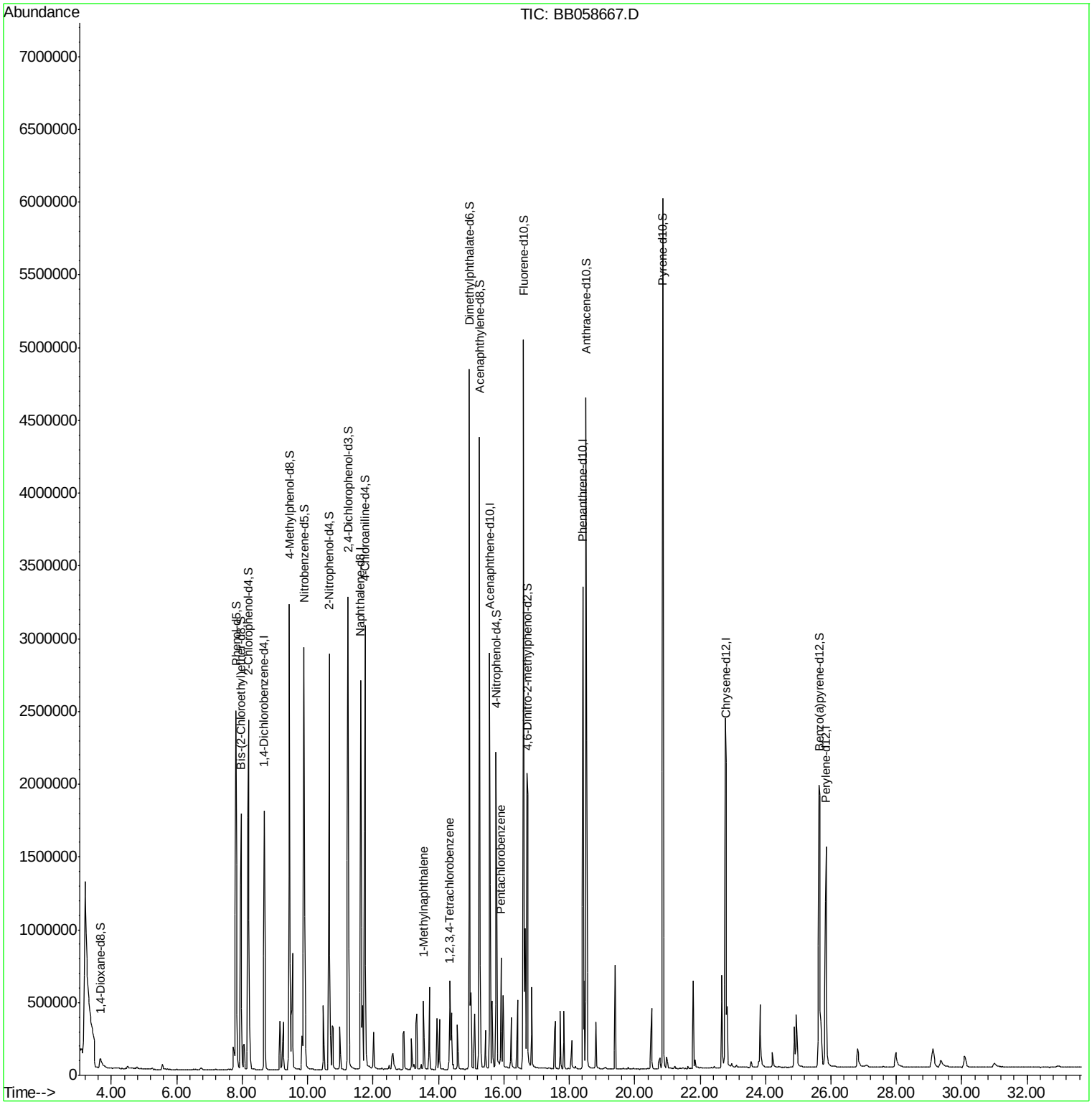
Quantitation Report (QT Reviewed)

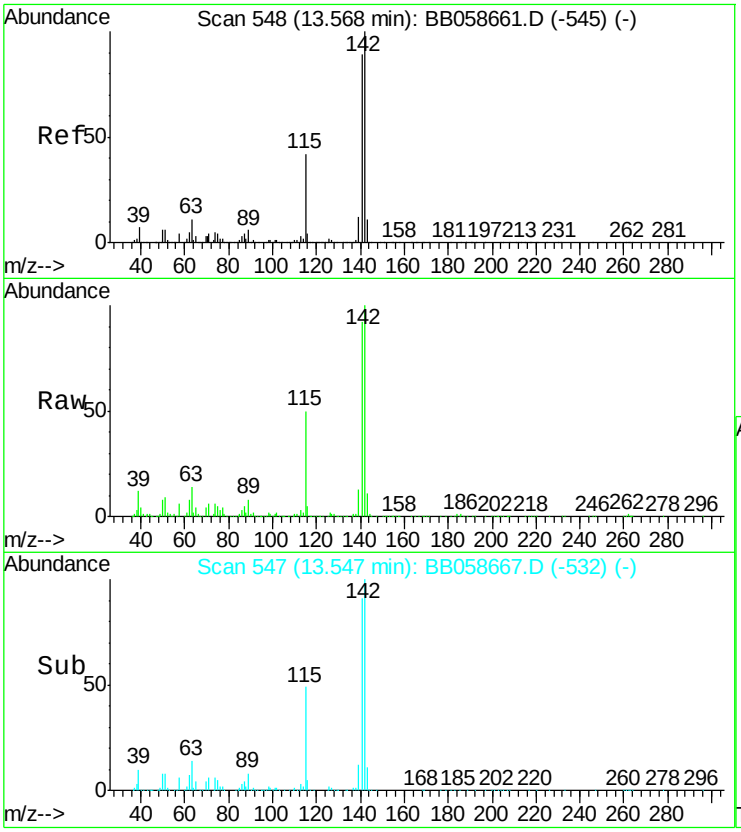
Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
Data File : BB058667.D
Acq On : 20 Oct 2016 00:56
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 20 16:23:22 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

Instrument :
BNA_B
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
umangi
10/20/2016 5:03:01 PM

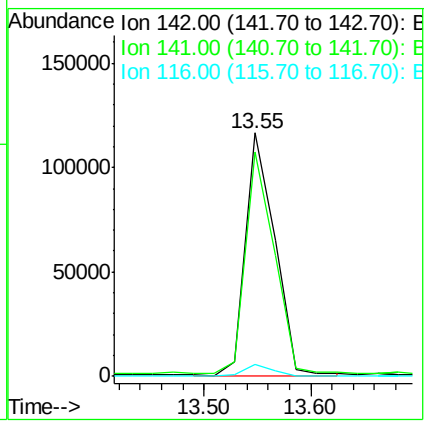




#12
1-Methylnaphthalene
Concen: 3.39 ng/ul m
RT: 13.55 min Scan# 547
Delta R.T. -0.02 min
Lab File: BB058667.D
Acq: 20 Oct 2016 00:56

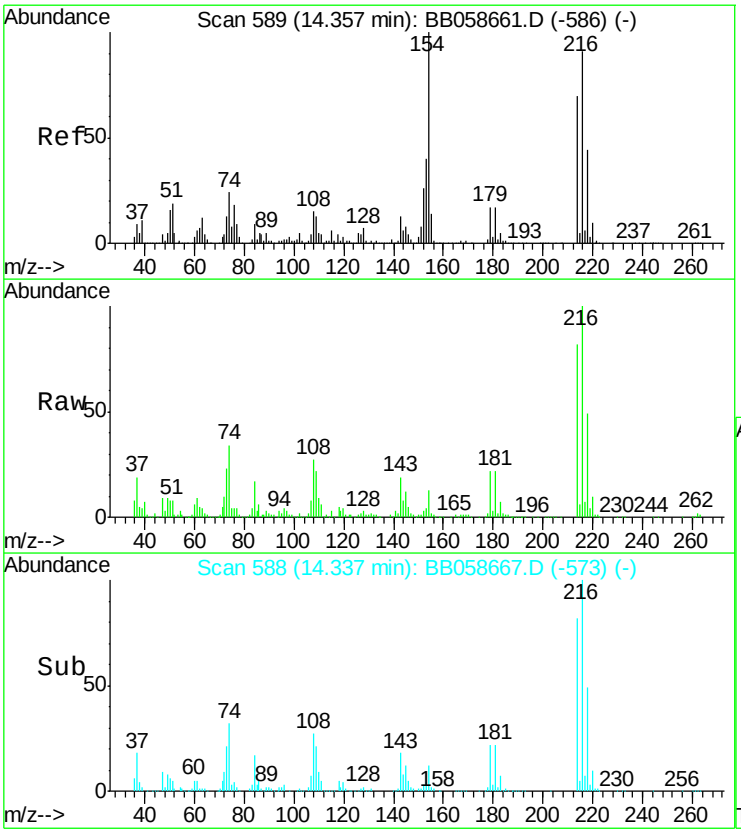
Tgt Ion:142 Resp: 225097

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3
116	4.9	3.1	4.7#



Instrument :
BNA_B
ClientSampleId :
MDL-06-S-ML

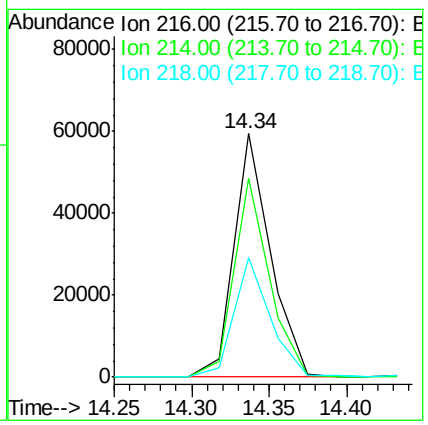
Manual Integrations APPROVED
umangi
10/20/2016 5:03:01 PM

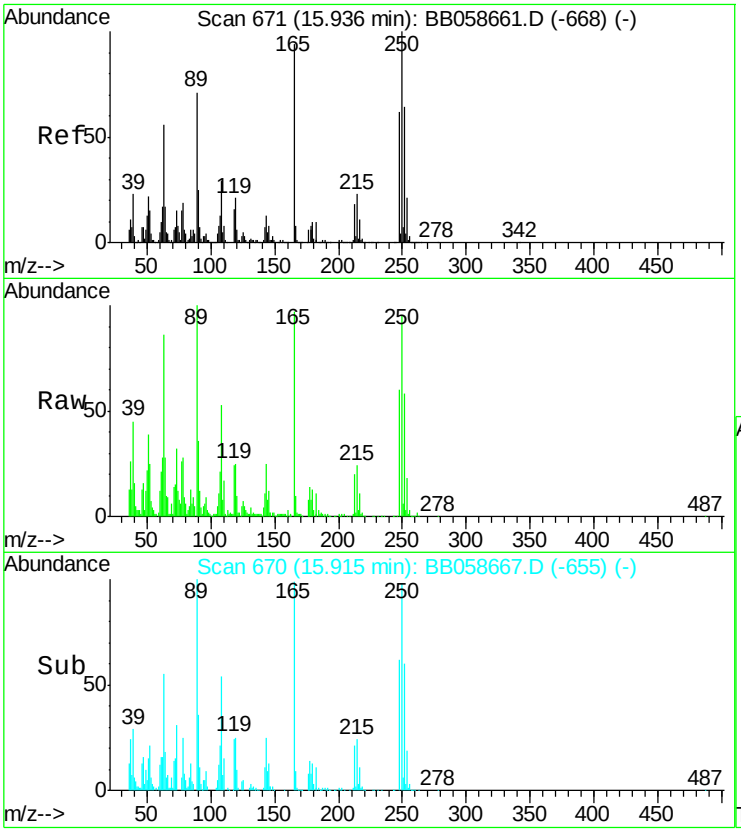


#21
1,2,3,4-Tetrachlorobenzene
Concen: 2.93 ng/uL
RT: 14.34 min Scan# 588
Delta R.T. -0.02 min
Lab File: BB058667.D
Acq: 20 Oct 2016 00:56

Tgt Ion:216 Resp: 98370

Ion	Ratio	Lower	Upper
216	100		
214	81.8	62.5	93.7
218	49.0	38.4	57.6

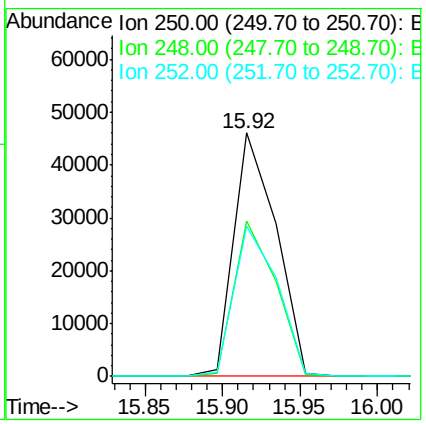




#22
Pentachlorobenzene
Concen: 2.71 ng/uL
RT: 15.92 min Scan# 670
Delta R.T. -0.02 min
Lab File: BB058667.D
Acq: 20 Oct 2016 00:56

Tgt Ion:250 Resp: 88943

Ion	Ratio	Lower	Upper
250	100		
248	59.8	50.6	75.8
252	57.9	51.4	77.0



Instrument :
BNA_B
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
umangi
10/20/2016 5:03:01 PM