Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007687.D
Acq On : 20 Oct 2016 00:12
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 20 03:22:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 03:12:33 2016
Response via : Initial Calibration

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

Manual Integrations APPROVED
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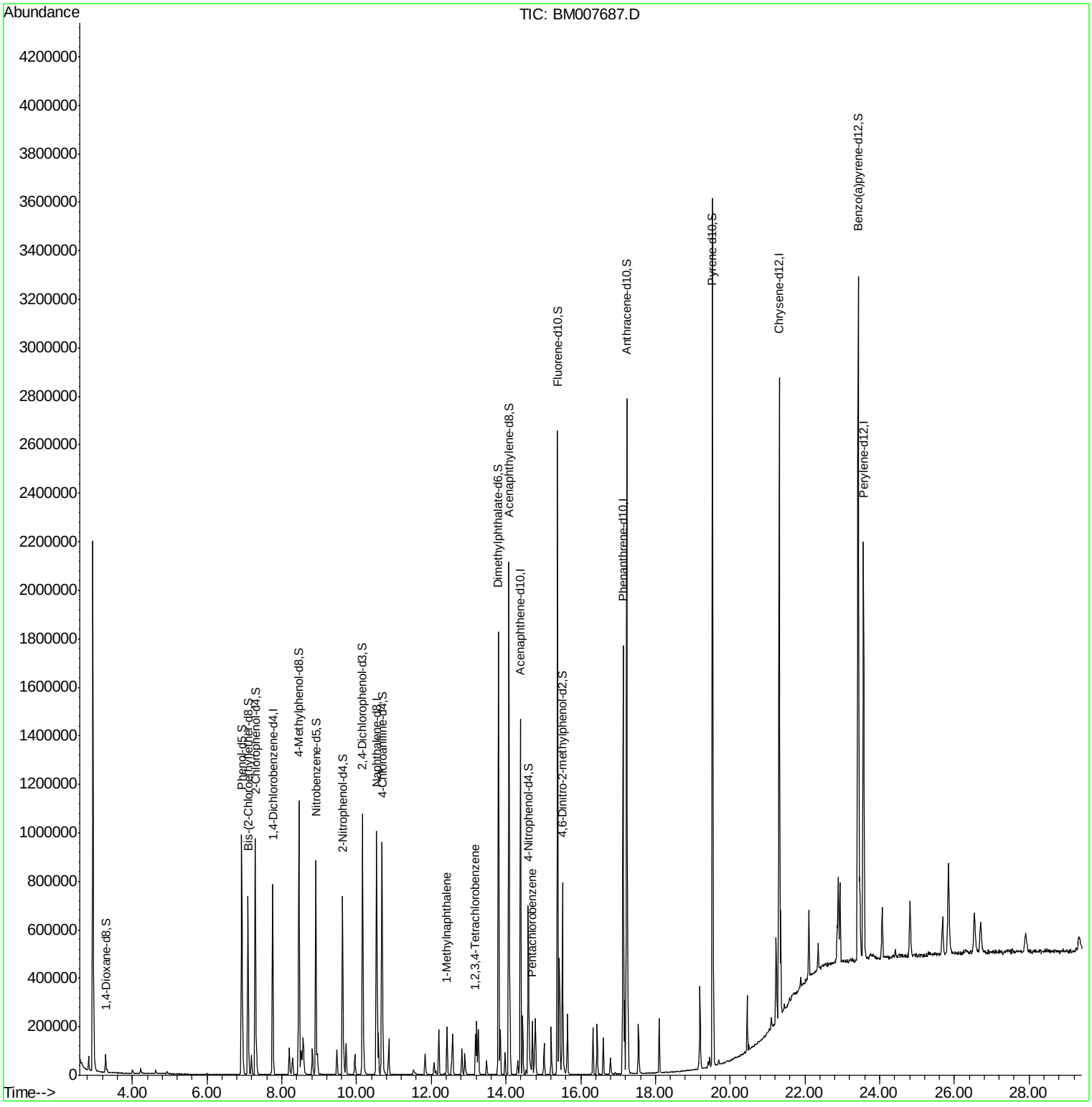
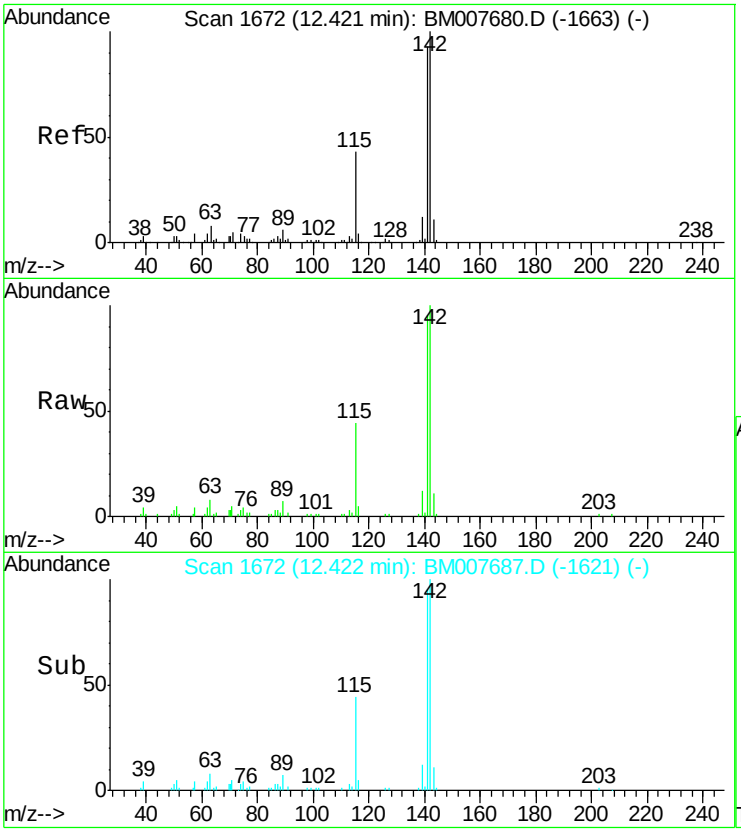
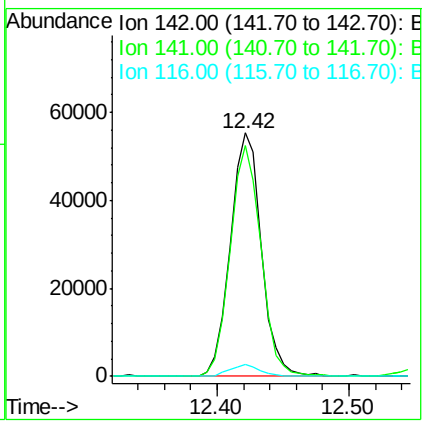




#12
1-Methylnaphthalene
Concen: 3.29 ng/ul m
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM007687.D
Acq: 20 Oct 2016 00:12

Tgt Ion:142 Resp: 90841

Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.9	112.3
116	4.8	3.1	4.7#



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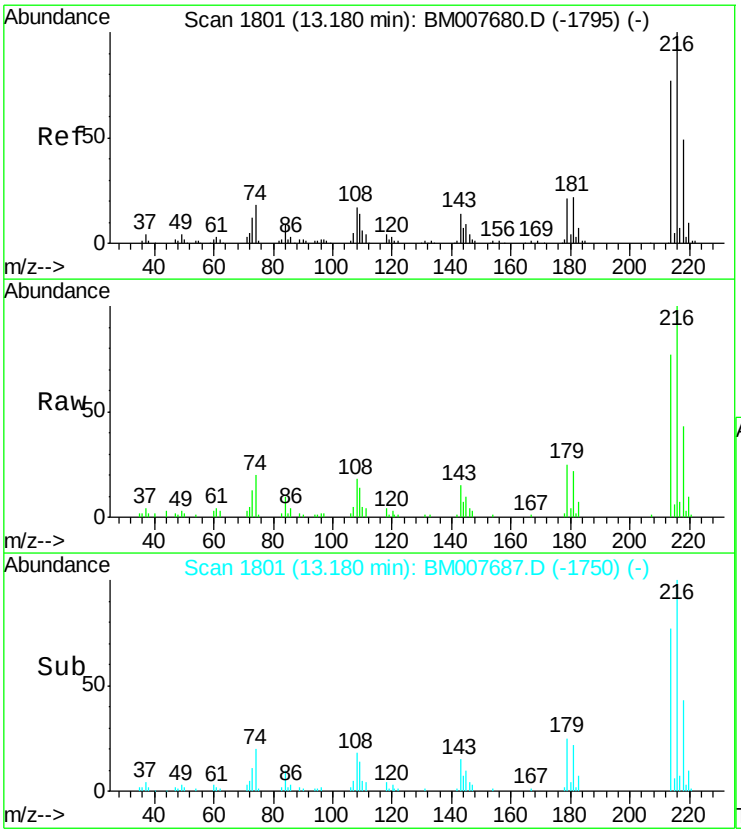
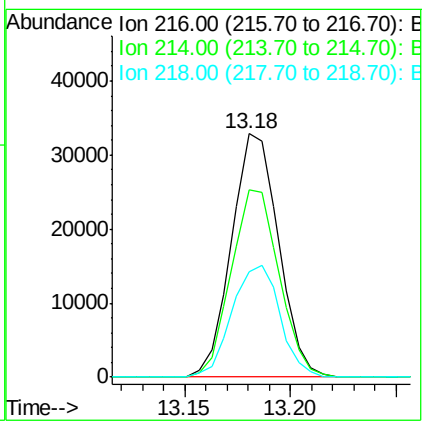
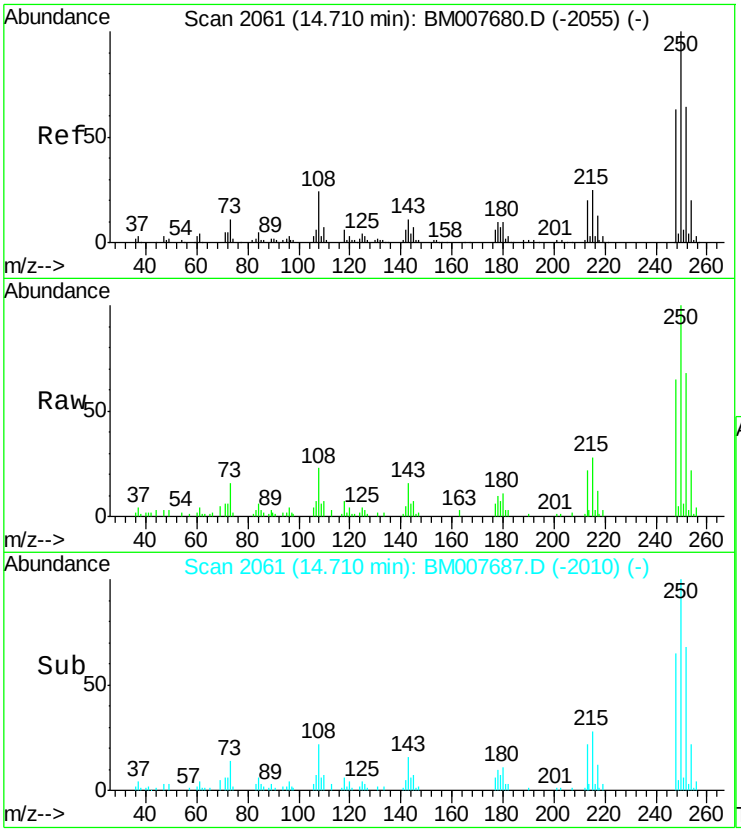


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.49 ng/uL
RT: 13.18 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BM007687.D
Acq: 20 Oct 2016 00:12

Tgt Ion:216 Resp: 50786

Ion	Ratio	Lower	Upper
216	100		
214	76.9	62.5	93.7
218	43.3	38.4	57.6

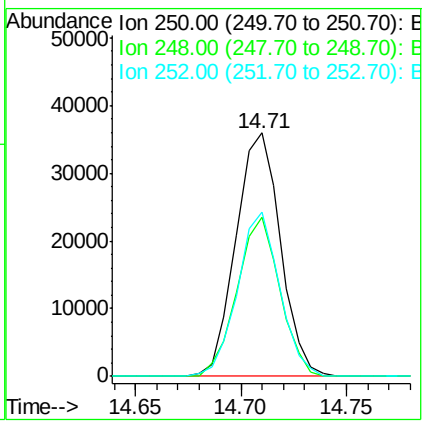




#22
Pentachlorobenzene
Concen: 3.46 ng/uL
RT: 14.71 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM007687.D
Acq: 20 Oct 2016 00:12

Tgt Ion:250 Resp: 52643

Ion	Ratio	Lower	Upper
250	100		
248	65.4	50.6	75.8
252	67.7	51.4	77.0



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

Manual Integrations APPROVED
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10/20/2016 5:04:31 PM

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Operator : UM/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
umangi
10/20/2016 5:04:31 PM

Quant Time: Oct 20 03:22:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 03:12:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	207813	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	801199	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	506532	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	999370	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1295895	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1301011	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	37250	7.65	ng/uL	0.00
3) Phenol-d5	6.93	99	536521	33.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	323282	33.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	429251	34.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	421878	33.34	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	199636	35.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	218825	35.42	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	403297	33.18	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	512804	37.18	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1194916	33.82	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1457351	35.18	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	170605	29.36	ng/ul	0.00
17) Fluorene-d10	15.38	176	1036398	33.99	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	178381	29.46	ng/ul	0.00
20) Anthracene-d10	17.23	188	1544271	33.99	ng/ul	0.00
24) Pyrene-d10	19.53	212	1830604	34.90	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1988248	35.09	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	90841m	3.29	ng/ul	
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	50786	3.49	ng/uL	97
22) Pentachlorobenzene	14.71	250	52643	3.46	ng/uL	96

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