Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007675.D
Acq On : 19 Oct 2016 17:06
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 19 17:43:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
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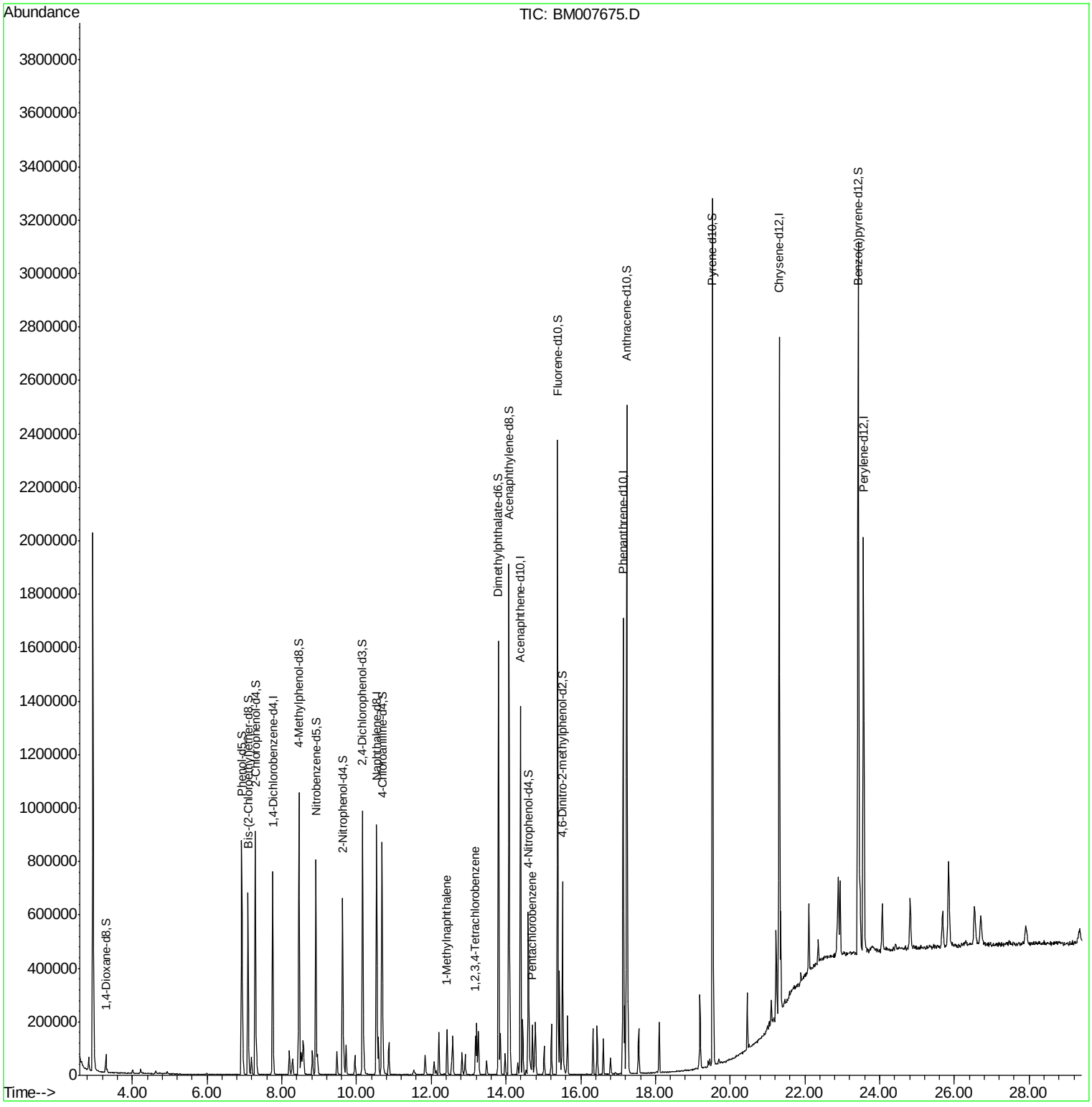
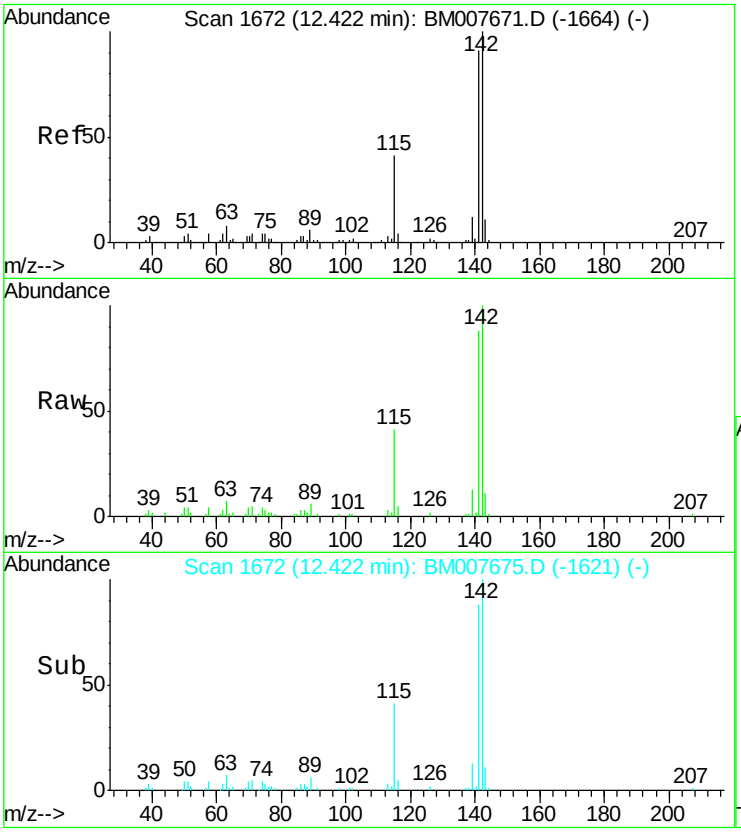
10/20/2016 5:04:22 PM

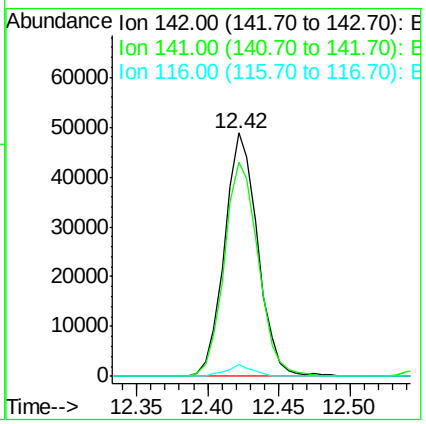




#12
1-Methylnaphthalene
Concen: 3.06 ng/ul m
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM007675.D
Acq: 19 Oct 2016 17:06

Tgt Ion:142 Resp: 79931

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.9	112.3
116	4.9	3.1	4.7#



Instrument :
BNA_M
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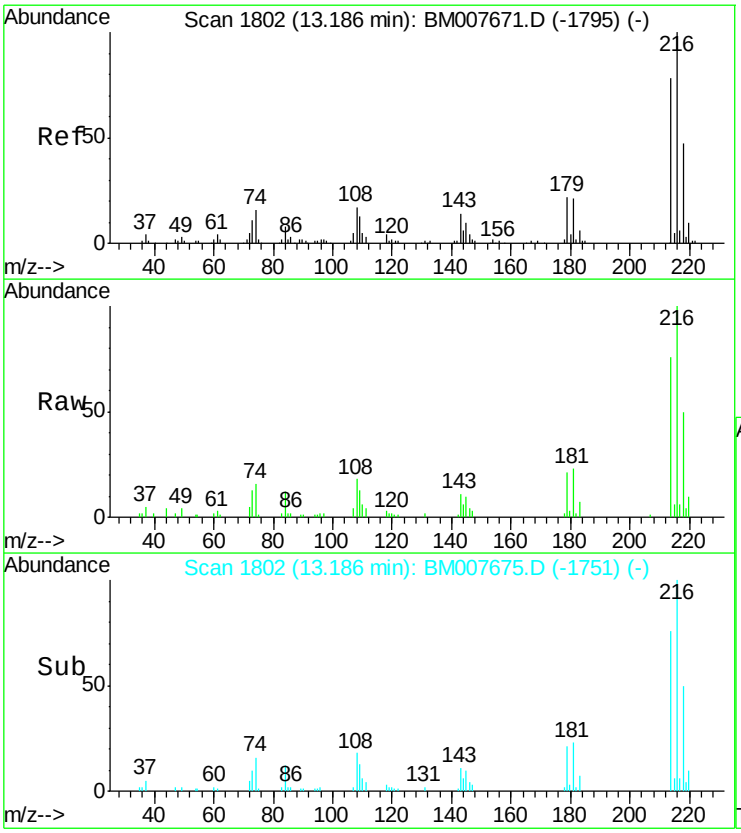
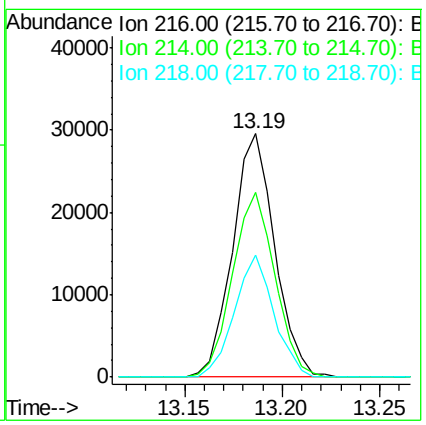
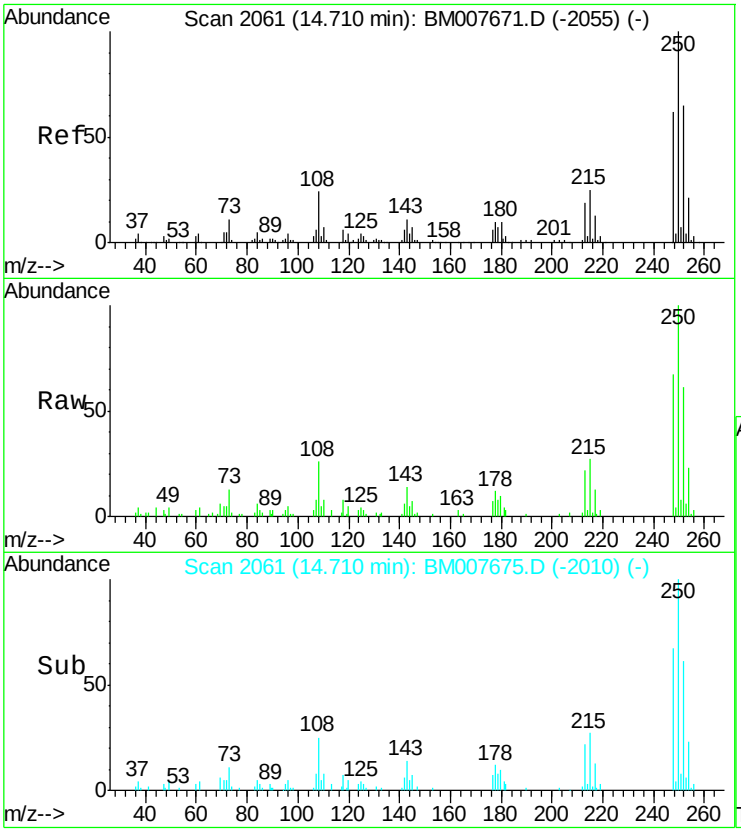


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.19 ng/uL
RT: 13.19 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BM007675.D
Acq: 19 Oct 2016 17:06

Tgt Ion:216 Resp: 44169

Ion	Ratio	Lower	Upper
216	100		
214	75.9	62.5	93.7
218	50.2	38.4	57.6

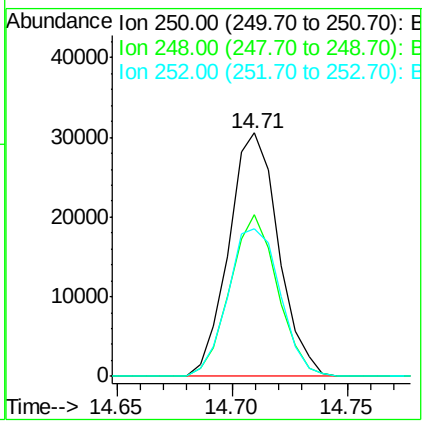




#22
Pentachlorobenzene
Concen: 3.18 ng/uL
RT: 14.71 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM007675.D
Acq: 19 Oct 2016 17:06

Tgt Ion:250 Resp: 45876

Ion	Ratio	Lower	Upper
250	100		
248	66.5	50.6	75.8
252	60.7	51.4	77.0



Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
umangi
10/20/2016 5:04:22 PM

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
umangi
10/20/2016 5:04:22 PM

Quant Time: Oct 19 17:43:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	198581	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	760096	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	483098	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	949002	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1230388	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1230841	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	33105	7.11	ng/uL	0.00
3) Phenol-d5	6.93	99	489581	31.82	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	296899	32.56	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	390058	33.02	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	380664	31.48	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	181913	33.88	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	198516	33.87	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	364565	31.61	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	459951	35.15	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1098991	32.61	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1306776	33.08	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	154919	27.96	ng/ul	0.00
17) Fluorene-d10	15.38	176	940862	32.35	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	162749	28.30	ng/ul	0.00
20) Anthracene-d10	17.23	188	1424709	33.02	ng/ul	0.00
24) Pyrene-d10	19.53	212	1661906	33.37	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1794759	33.48	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	79931m	3.06	ng/ul	
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	44169	3.19	ng/uL	97
22) Pentachlorobenzene	14.71	250	45876	3.18	ng/uL	96

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