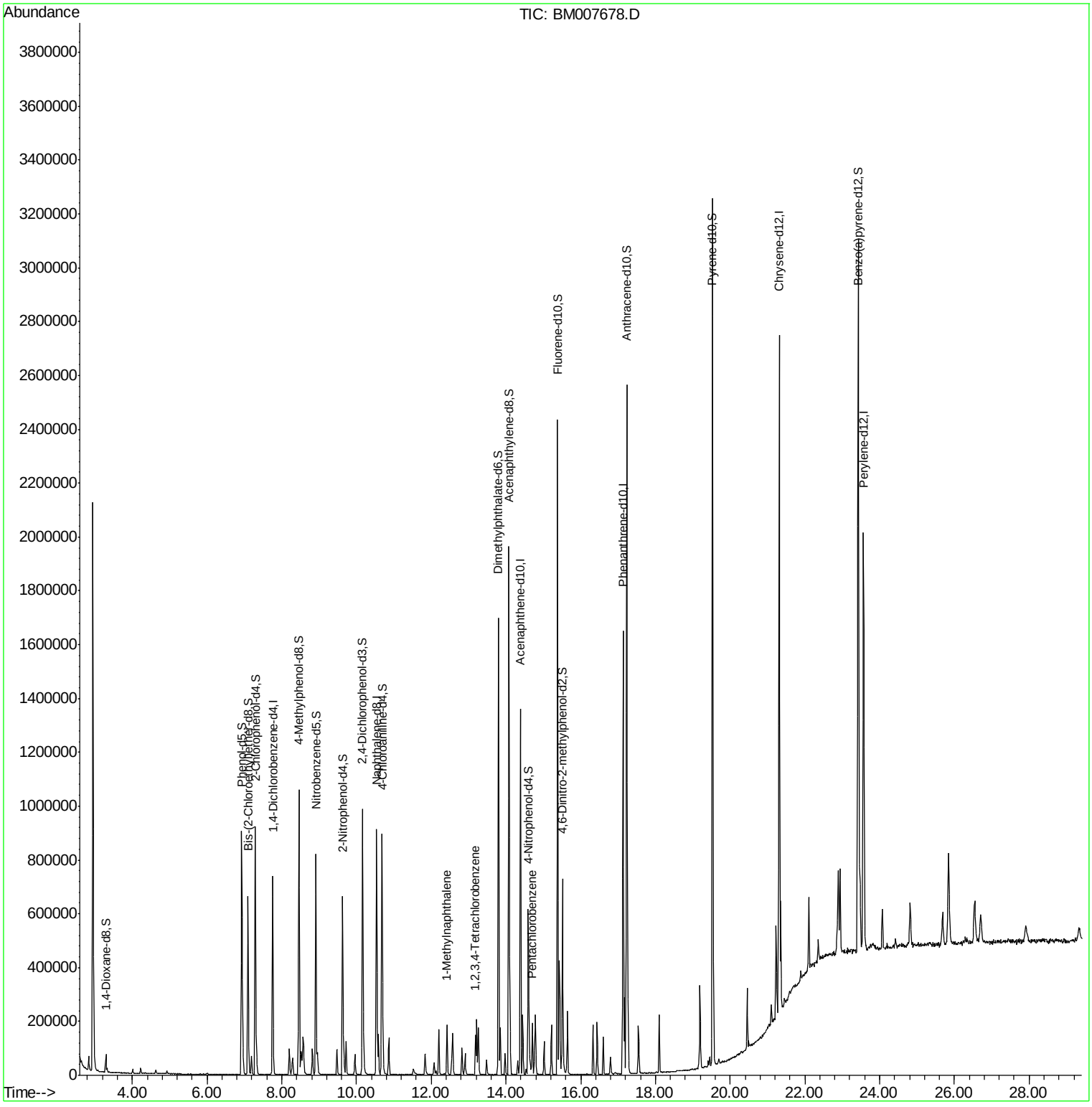
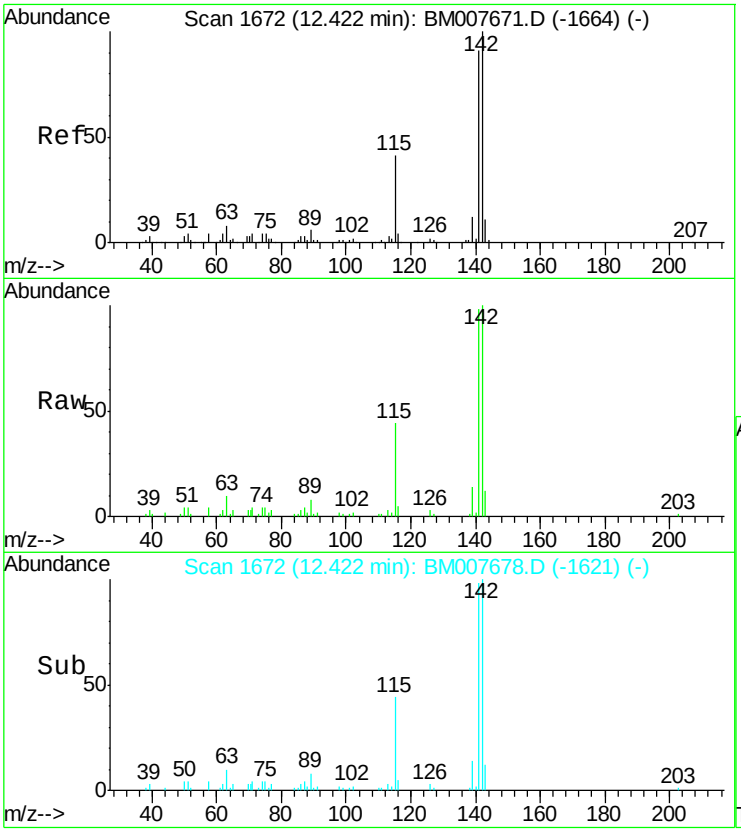
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007678.D
Acq On : 19 Oct 2016 18:53
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Quant Time: Oct 19 19:29:51 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



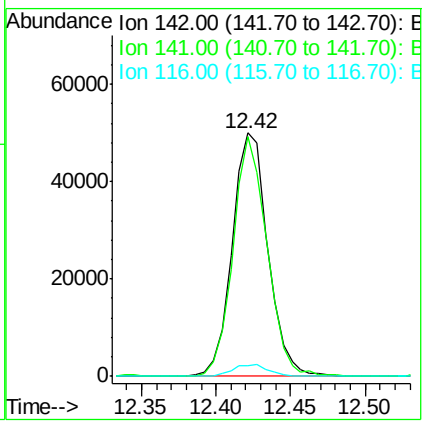


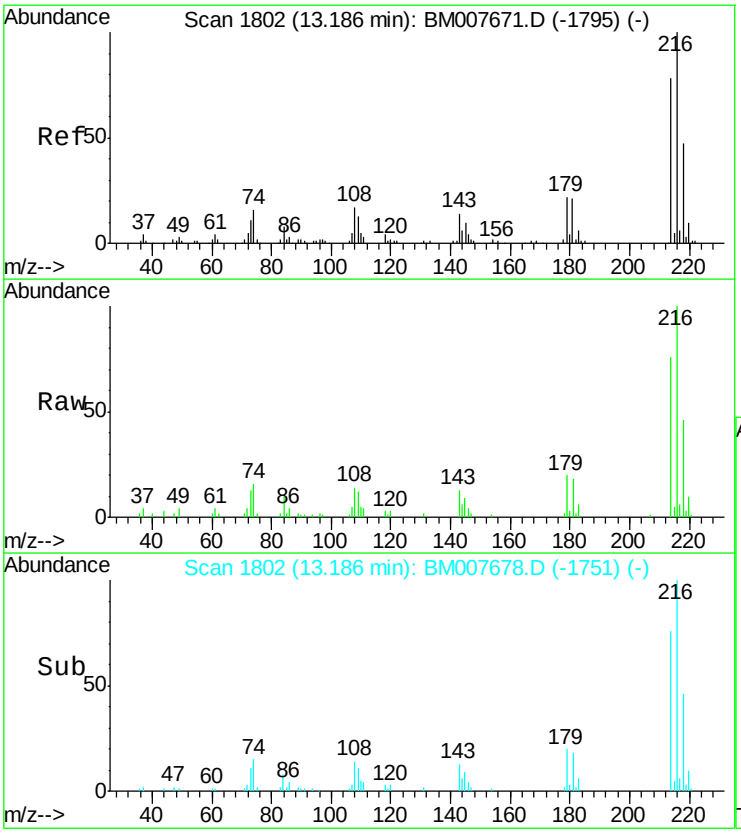
#12
1-Methylnaphthalene
Concen: 3.28 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BM007678.D
Acq: 19 Oct 2016 18:53

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:142 Resp: 83327

Ion	Ratio	Lower	Upper
142	100		
141	98.2	74.9	112.3
116	4.5	3.1	4.7

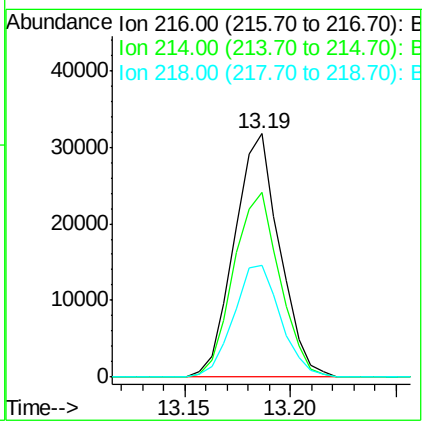


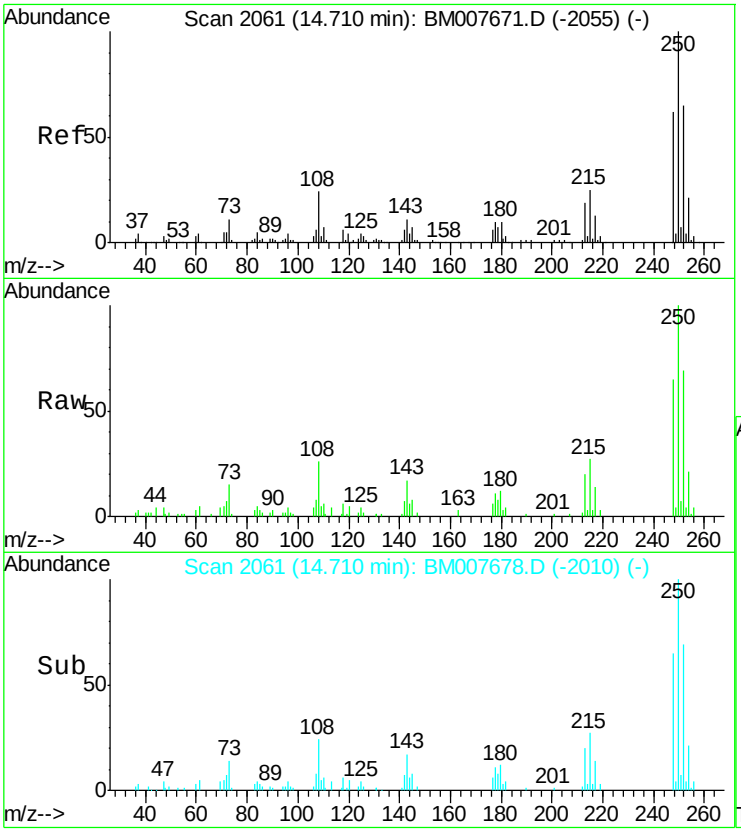


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.47 ng/uL
RT: 13.19 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM007678.D
Acq: 19 Oct 2016 18:53

Tgt Ion:216 Resp: 47318

Ion	Ratio	Lower	Upper
216	100		
214	75.9	62.5	93.7
218	46.1	38.4	57.6



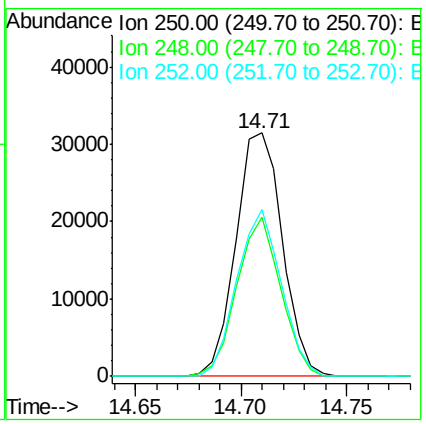


#22
Pentachlorobenzene
Concen: 3.38 ng/uL
RT: 14.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM007678.D
Acq: 19 Oct 2016 18:53

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:250 Resp: 48177

Ion	Ratio	Lower	Upper
250	100		
248	65.4	50.6	75.8
252	68.7	51.4	77.0



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007678.D
Acq On : 19 Oct 2016 18:53
Operator : UM/SJ
Sample : MDL-07-S
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-S

Quant Time: Oct 19 19:29:51 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	193045	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	737050	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	469648	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	935905	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1190216	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1195749	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	34027	7.52	ng/uL	0.00
3) Phenol-d5	6.93	99	494140	33.04	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	299643	33.80	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	396932	34.57	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	385071	32.76	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	181866	34.93	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	199084	35.03	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	370624	33.14	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	472127	37.21	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1120243	34.19	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1335418	34.77	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	160026	29.70	ng/ul	0.00
17) Fluorene-d10	15.38	176	964456	34.11	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	166381	29.34	ng/ul	0.00
20) Anthracene-d10	17.23	188	1435975	33.75	ng/ul	0.00
24) Pyrene-d10	19.53	212	1687794	35.03	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1817606	34.90	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	83327	3.28	ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	47318	3.47	ng/uL	97
22) Pentachlorobenzene	14.71	250	48177	3.38	ng/uL	96

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