

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007689.D
 Acq On : 20 Oct 2016 02:13
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Quant Time: Oct 20 03:13:30 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	175929	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	674396	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	434605	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	858214	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1120781	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1130661	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	31648	7.68	ng/uL	0.00
3) Phenol-d5	6.93	99	260775	19.13	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	157390	19.48	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	209378	20.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	202105	18.87	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	95533	20.05	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	104045	20.01	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	207218	20.25	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	241344	20.79	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	595764	19.65	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	708053	19.92	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	89969	18.05	ng/ul	0.00
17) Fluorene-d10	15.38	176	512909	19.60	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	93589	18.00	ng/ul	0.00
20) Anthracene-d10	17.23	188	777394	19.92	ng/ul	0.00
24) Pyrene-d10	19.53	212	907851	20.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	983521	19.97	ng/ul	0.00

Target Compounds

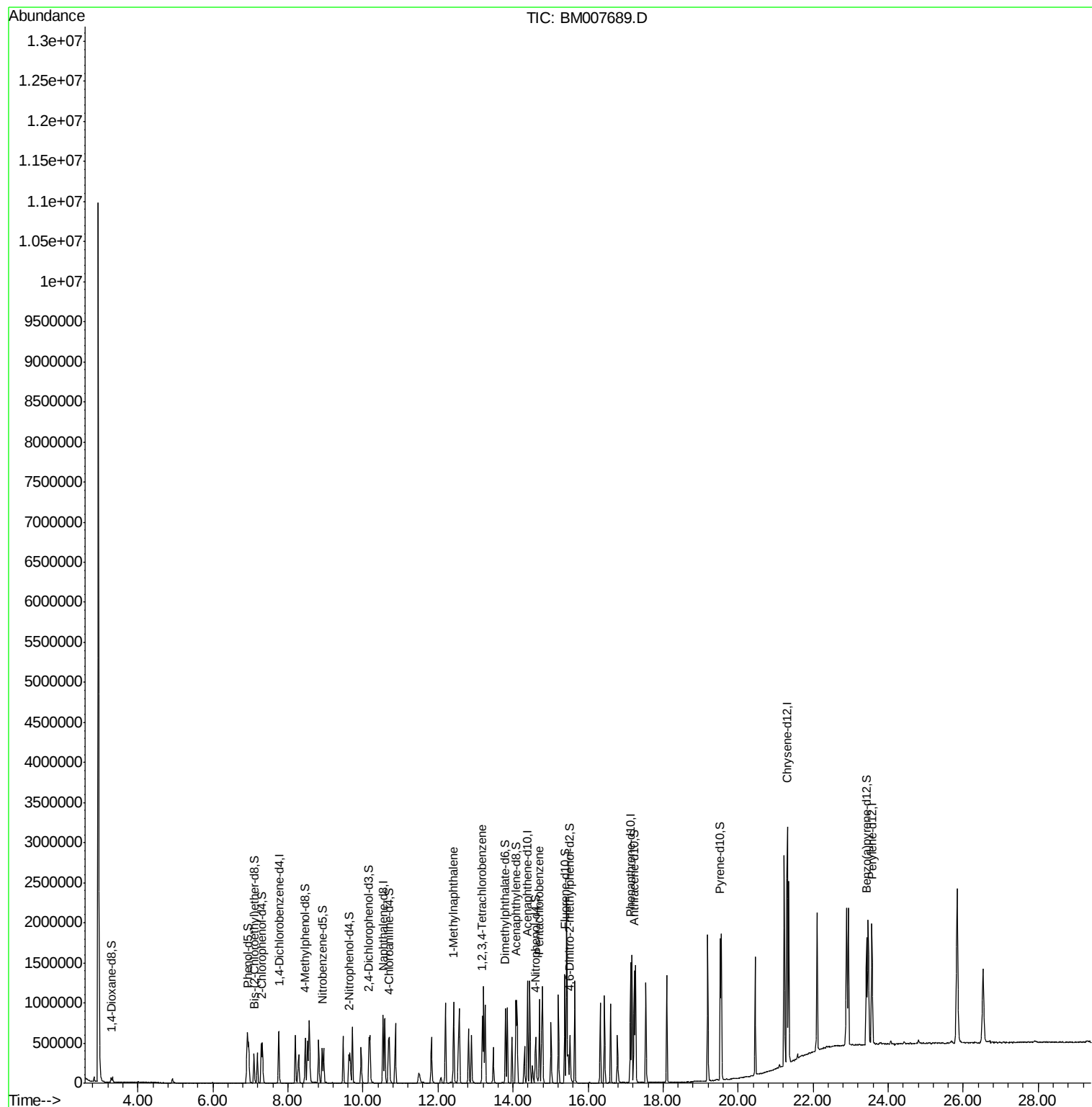
					Qvalue
12) 1-Methylnaphthalene	12.42	142	456266	19.66 ng/ul	99
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	253568	20.28 ng/uL	99
22) Pentachlorobenzene	14.70	250	265681	20.33 ng/uL	99

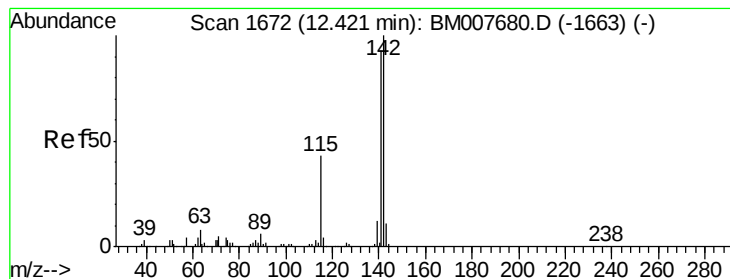
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 19.66 ng/uL

RT: 12.42 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BM007689.D

Acq: 20 Oct 2016 02:13

Instrument :

BNA_M

ClientSampleId :

SSTD02042

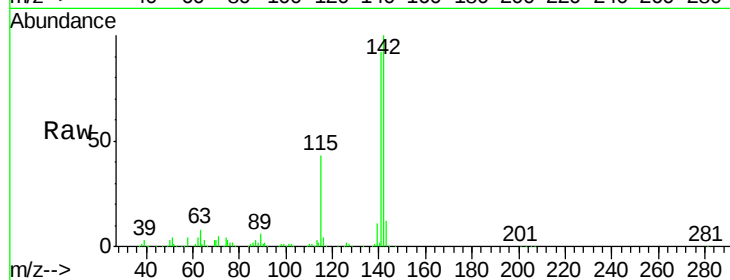
Tgt Ion:142 Resp: 456266

Ion Ratio Lower Upper

142 100

141 92.2 74.9 112.3

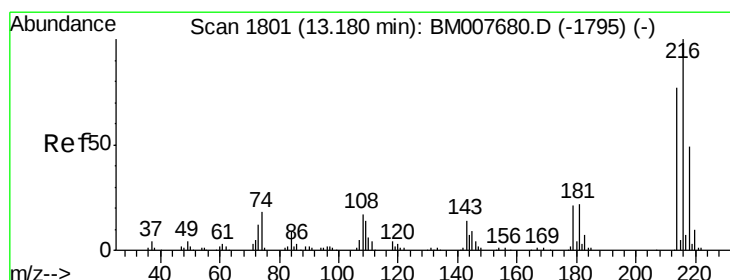
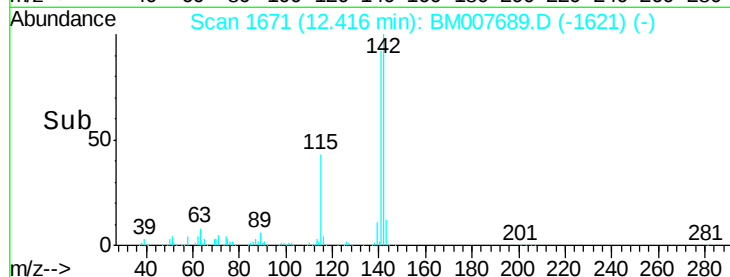
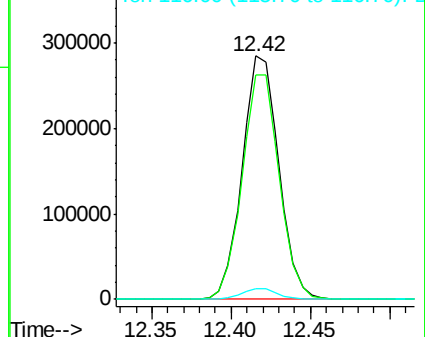
116 4.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#21

1,2,3,4-Tetrachlorobenzene

Concen: 20.28 ng/uL

RT: 13.18 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BM007689.D

Acq: 20 Oct 2016 02:13

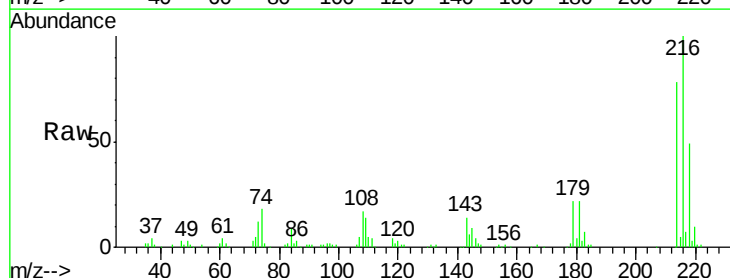
Tgt Ion:216 Resp: 253568

Ion Ratio Lower Upper

216 100

214 77.5 62.5 93.7

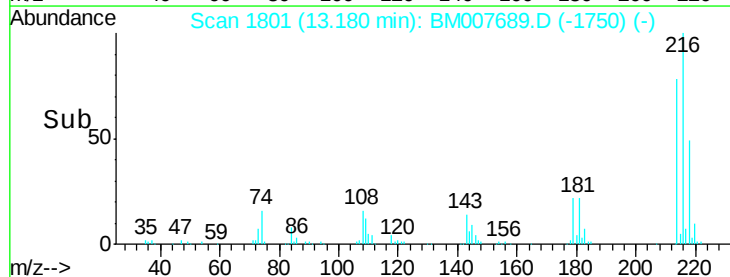
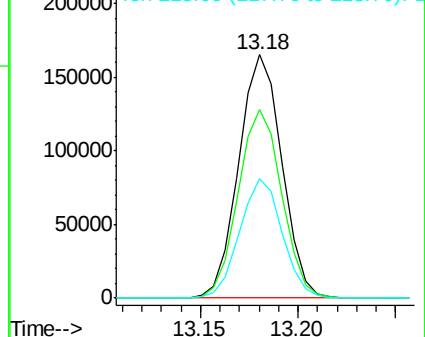
218 48.9 38.4 57.6

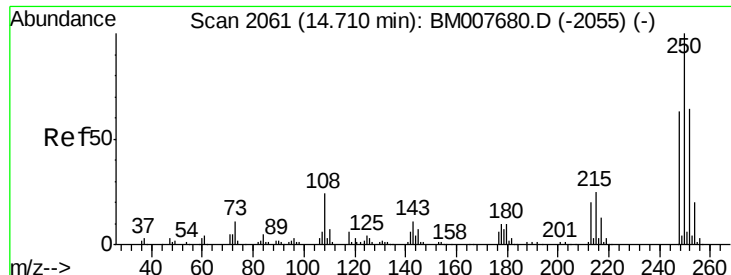


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

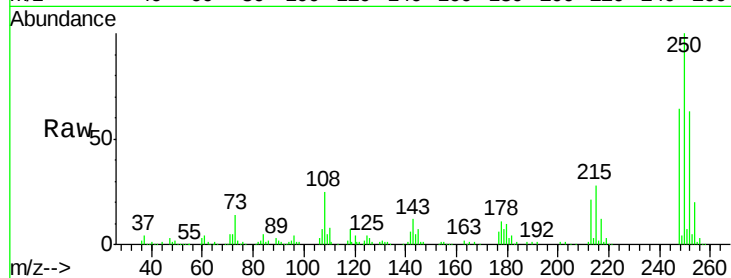




#22
 Pentachlorobenzene
 Concen: 20.33 ng/uL
 RT: 14.70 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM007689.D
 Acq: 20 Oct 2016 02:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Tgt Ion	Ratio	Lower	Upper
250	100		
248	63.5	50.6	75.8
252	63.0	51.4	77.0



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

