

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007698.D
 Acq On : 20 Oct 2016 07:46
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

Quant Time: Oct 20 08:17:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 03:26:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	208436	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	824237	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	545625	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1079392	20.00	ng/ul	0.00
23) Chrysene-d12	21.31	240	1317403	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1252108	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	37590	7.69	ng/uL	0.00
3) Phenol-d5	6.93	99	318913	19.75	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	192350	20.09	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	252817	20.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	251489	19.81	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	118171	20.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	131508	20.69	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	252216	20.17	ng/ul	0.00
11) 4-Chloroaniline-d4	10.67	131	300306	21.16	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	738355	19.40	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	891747	19.99	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	116069	18.54	ng/ul	0.00
17) Fluorene-d10	15.38	176	645484	19.65	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	120332	18.40	ng/ul	0.00
20) Anthracene-d10	17.23	188	984154	20.05	ng/ul	0.00
24) Pyrene-d10	19.53	212	1105351	20.73	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1103317	20.23	ng/ul	0.00

Target Compounds

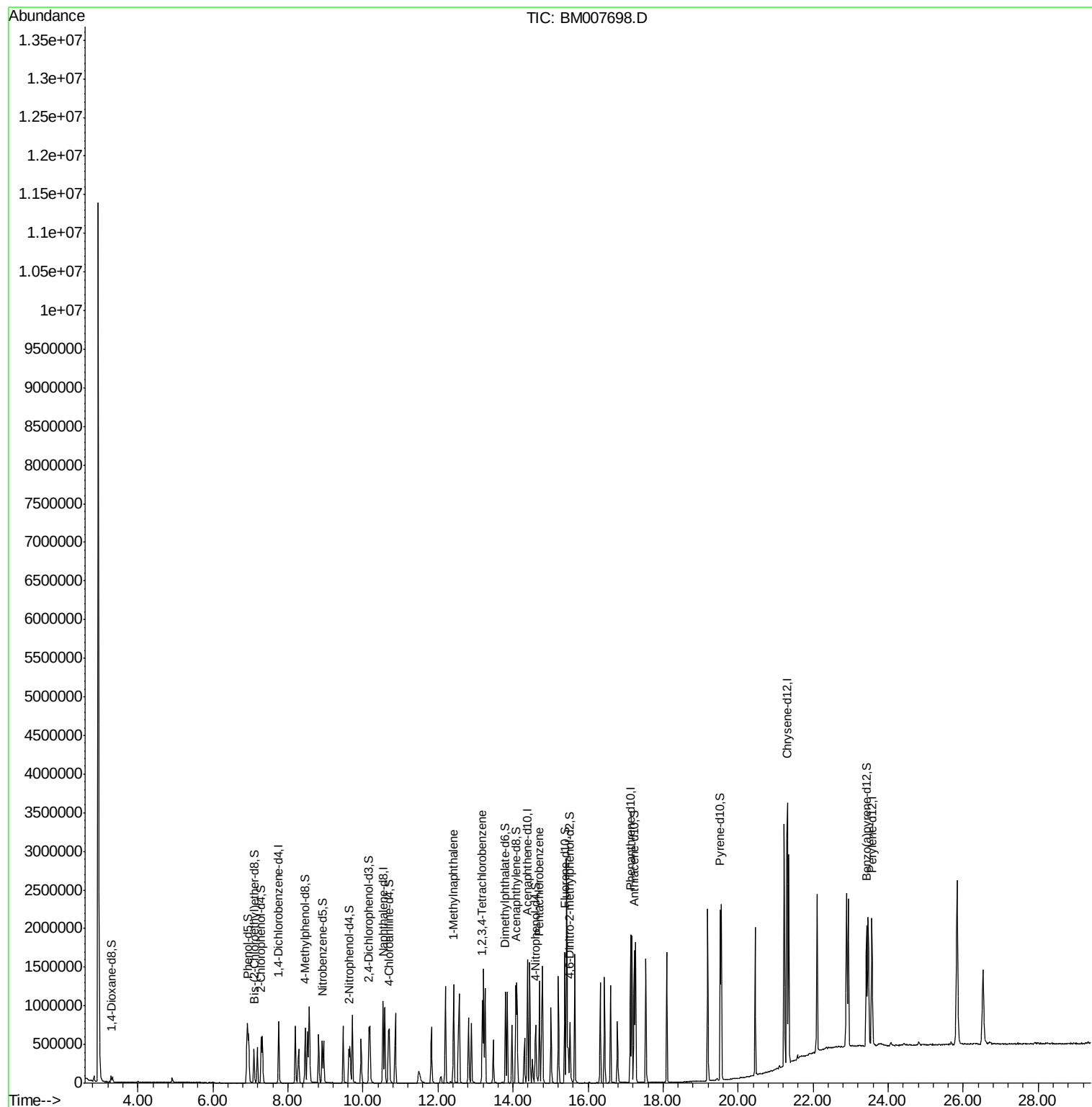
						Qvalue
12) 1-Methylnaphthalene	12.42	142	565896	19.95	ng/ul	100
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	317931	20.22	ng/uL	99
22) Pentachlorobenzene	14.70	250	330091	20.09	ng/uL	99

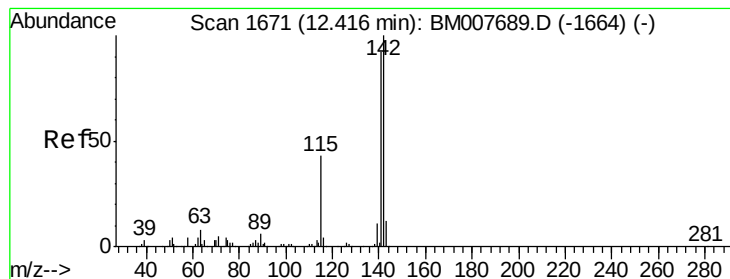
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 19.95 ng/uL

RT: 12.42 min Scan# 1671

Delta R.T. -0.00 min

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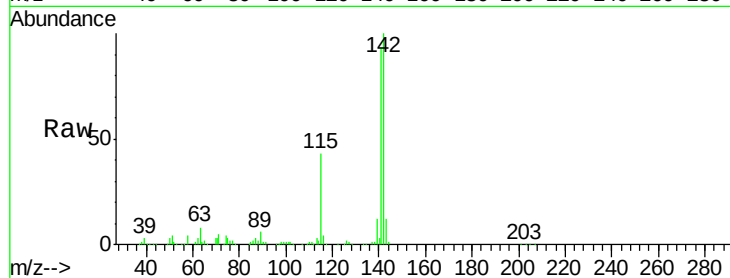
Tgt Ion:142 Resp: 565896

Ion Ratio Lower Upper

142 100

141 93.4 74.9 112.3

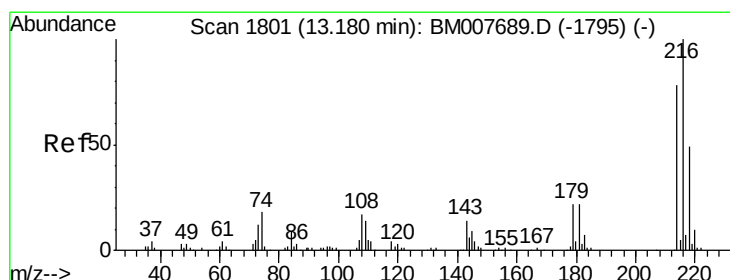
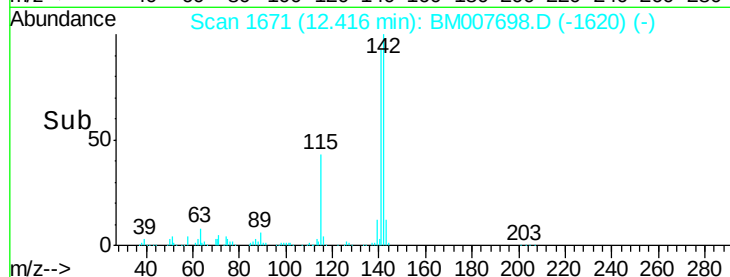
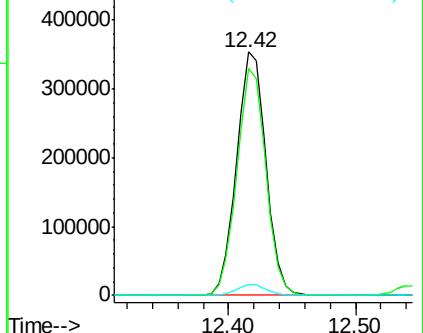
116 4.3 3.1 4.7



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: 20.22 ng/uL

RT: 13.18 min Scan# 1801

Delta R.T. -0.00 min

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Acq: 20 Oct 2016 07:46

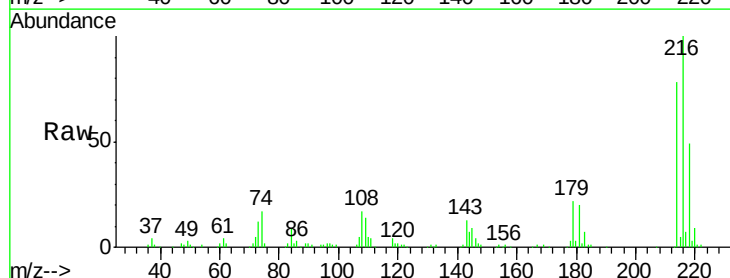
Tgt Ion:216 Resp: 317931

Ion Ratio Lower Upper

216 100

214 78.3 62.5 93.7

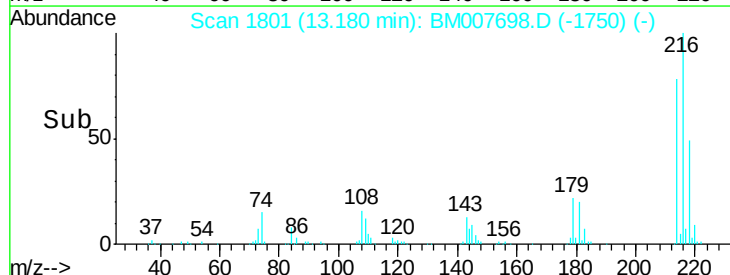
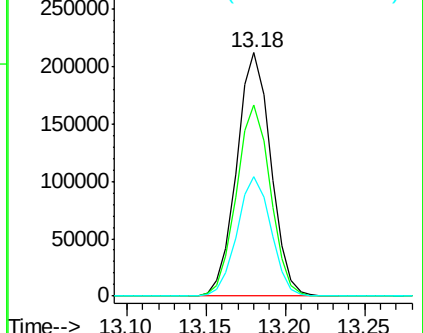
218 48.9 38.4 57.6

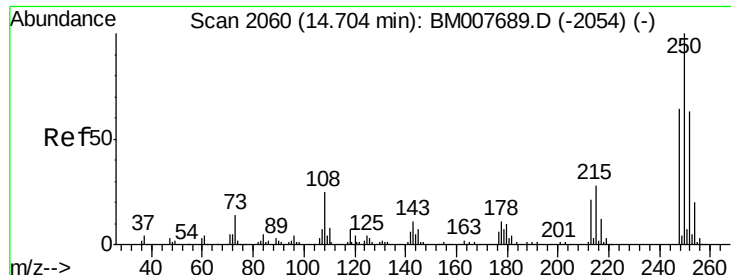


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 20.09 ng/uL

RT: 14.70 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BM007698.D

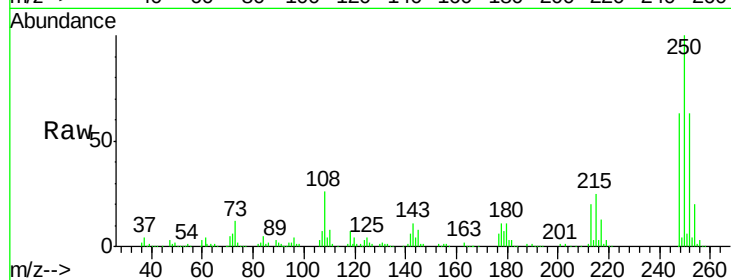
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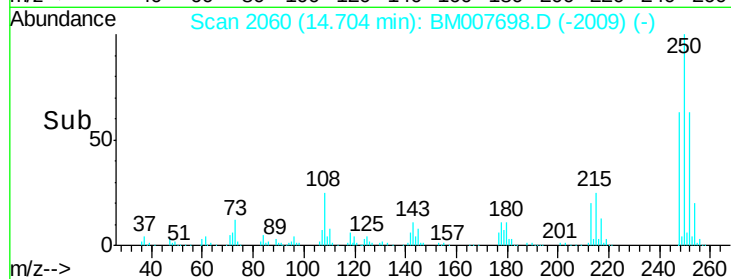
Tgt Ion:250 Resp: 330091

Ion Ratio Lower Upper

250 100

248 63.3 50.6 75.8

252 63.1 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

