

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058664.D
 Acq On : 19 Oct 2016 22:54
 Operator : UM/SJ
 Sample : MDL-03-S-ML
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-03-S-ML

Quant Time: Oct 20 04:40:17 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 04:39:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	525237	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2091844	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1132016	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.52	188	2334912	20.00	ng/ul	0.10
23) Chrysene-d12	22.77	240	1729946	20.00	ng/ul	-0.02
25) Perylene-d12	25.85	264	1206001	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	77323	6.39	ng/uL	0.00
3) Phenol-d5	7.81	99	1163522	28.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.95	67	904398	31.94	ng/ul	-0.02
5) 2-Chlorophenol-d4	8.20	132	1138841	28.55	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	933285	28.83	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	599039	28.65	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	645232	28.38	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	824756	26.34	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1237977	30.93	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2339740	31.21	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	2696712	30.59	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	415920	24.61	ng/ul	-0.02
17) Fluorene-d10	16.61	176	1803673	29.54	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.71	200	384134	15.66	ng/ul	-0.02
20) Anthracene-d10	18.52	188	2346774	22.11	ng/ul	0.10
24) Pyrene-d10	20.86	212	2591434	33.64	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.64	264	1567486	28.84	ng/ul	-0.02

Target Compounds

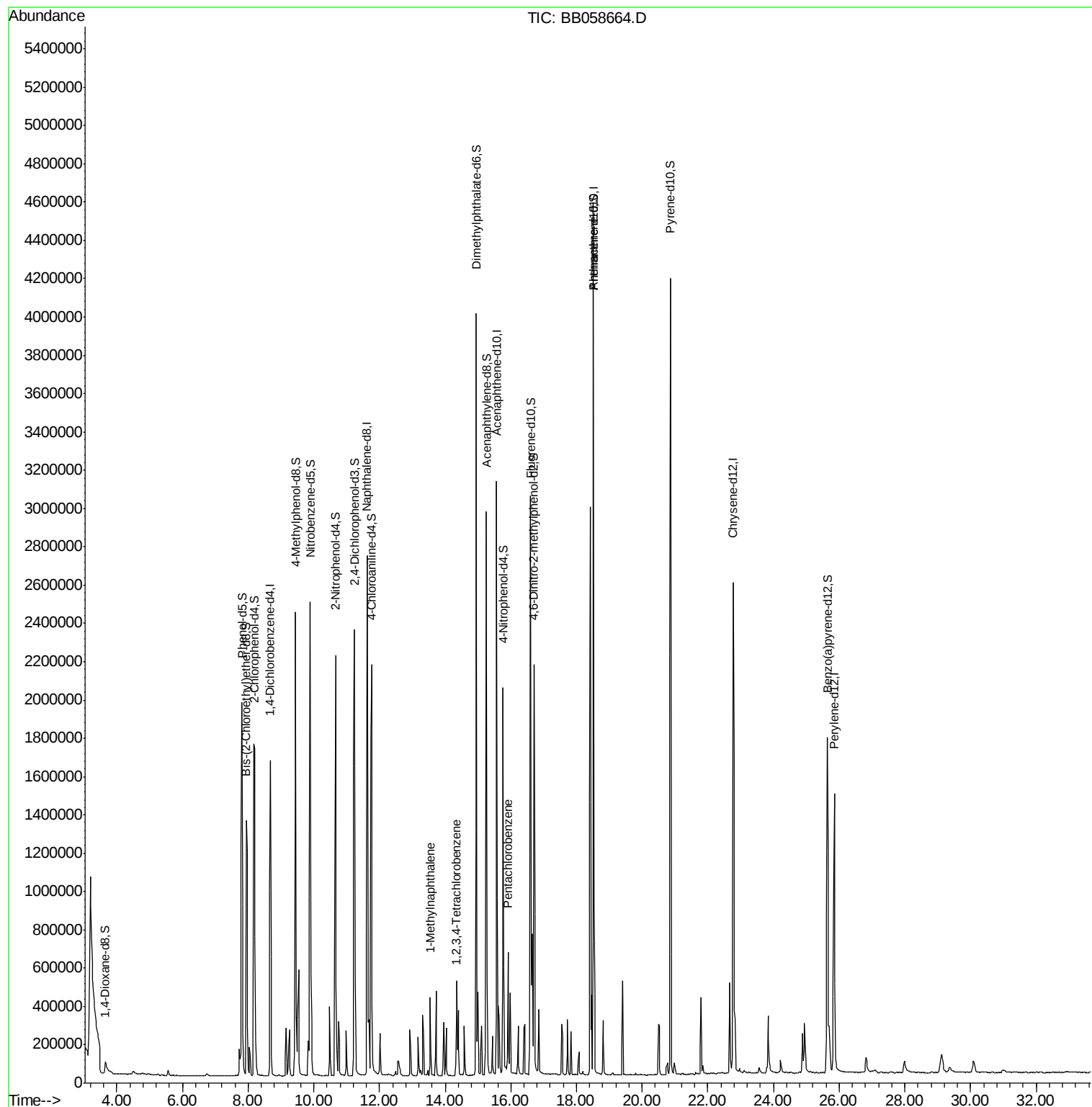
						Qvalue
12) 1-Methylnaphthalene	13.55	142	176721	2.67	ng/ul	92
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	76987	1.87	ng/uL	100
22) Pentachlorobenzene	15.92	250	69994	1.74	ng/uL	94

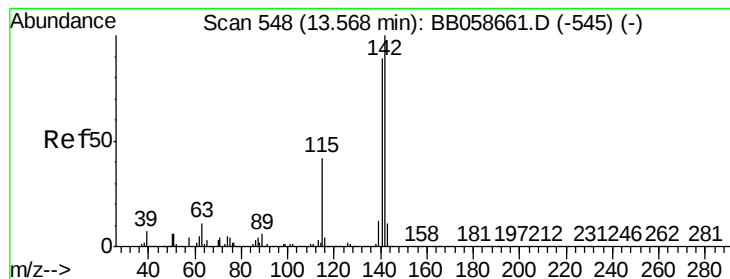
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 2.67 ng/uL

RT: 13.55 min Scan# 547

Delta R.T. -0.02 min

Lab File: BB058664.D

Acq: 19 Oct 2016 22:54

Instrument :

BNA_B

ClientSampleId :

MDL-03-S-ML

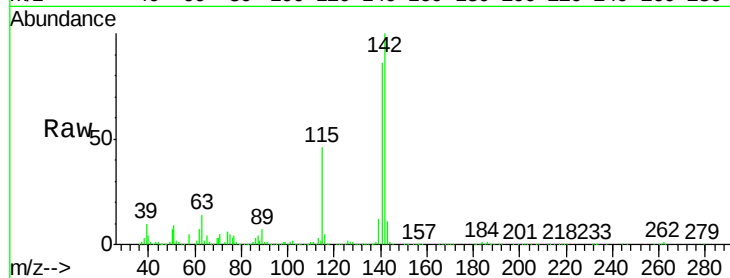
Tgt Ion:142 Resp: 176721

Ion Ratio Lower Upper

142 100

141 85.9 74.9 112.3

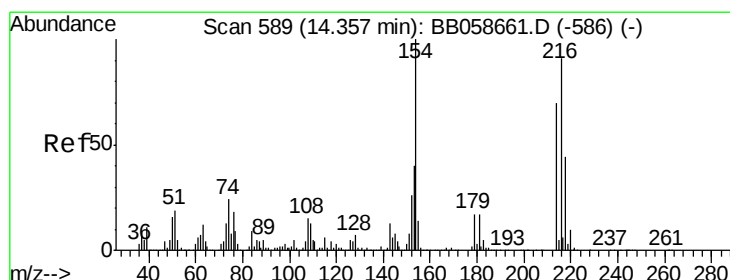
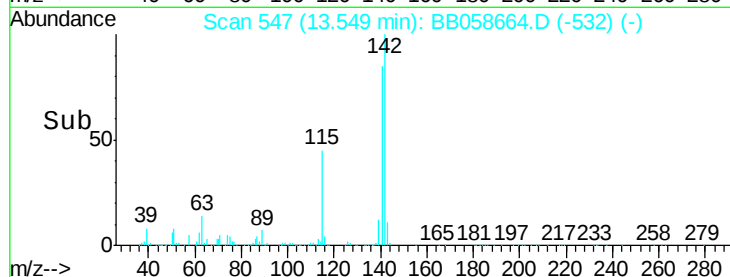
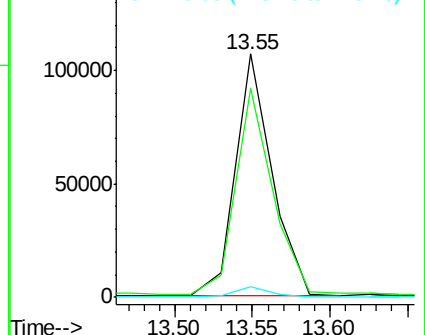
116 4.6 3.1 4.7



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: 1.87 ng/uL

RT: 14.34 min Scan# 588

Delta R.T. -0.02 min

Lab File: BB058664.D

Acq: 19 Oct 2016 22:54

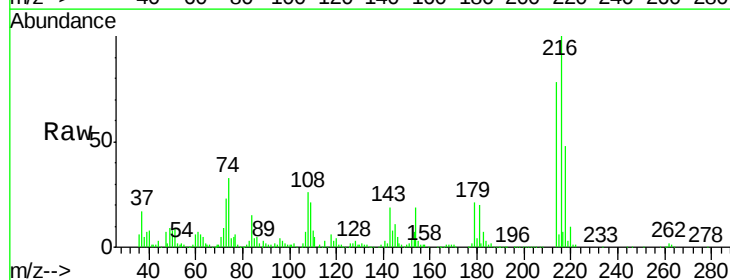
Tgt Ion:216 Resp: 76987

Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

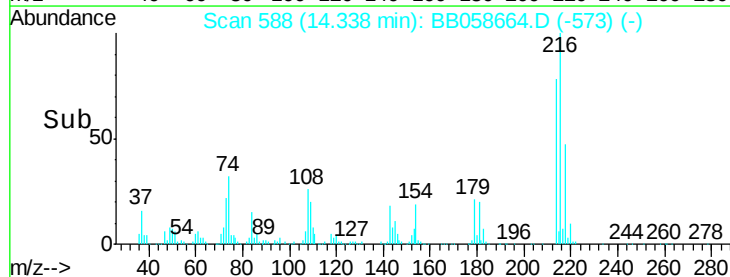
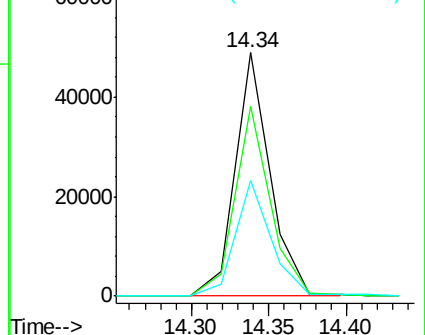
218 47.7 38.4 57.6

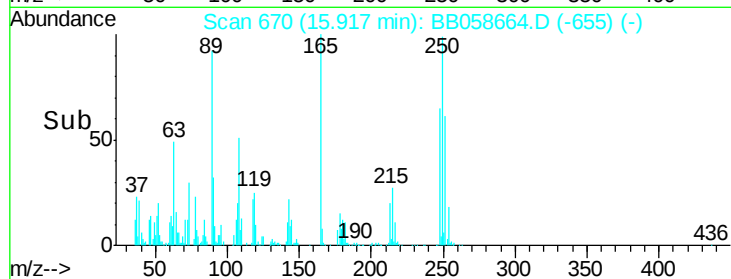
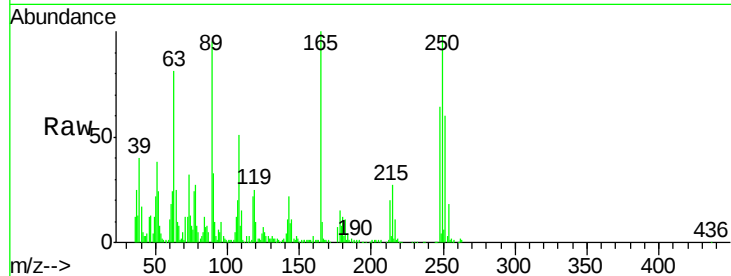
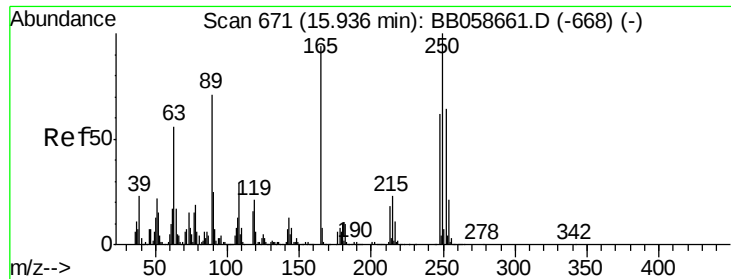


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 1.74 ng/uL

RT: 15.92 min Scan# 670

Delta R.T. -0.02 min

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Acq: 19 Oct 2016 22:54

Instrument :

BNA_B

ClientSampleId :

MDL-03-S-ML

Tgt Ion:250 Resp: 69994

Ion Ratio Lower Upper

250 100

248 65.5 50.6 75.8

252 57.8 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

