

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058659.D
 Acq On : 19 Oct 2016 19:30
 Operator : UM/SJ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Quant Time: Oct 20 04:26:24 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 04:20:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	524724	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2052729	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.59	164	1158410	20.00	ng/ul	0.00
18) Phenanthrene-d10	18.42	188	1763235	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1802980	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1206629	20.00	ng/ul	-0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.67	96	94820	7.85	ng/uL	0.02
3) Phenol-d5	7.81	99	1356055	33.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.97	67	1038211	36.70	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1351030	33.90	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1079998	33.39	ng/ul	0.00
8) Nitrobenzene-d5	9.91	128	703184	34.27	ng/ul	0.02
9) 2-Nitrophenol-d4	10.66	143	764285	34.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	977226	31.81	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1436783	36.58	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2529431	32.97	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3102163	34.39	ng/ul	0.00
16) 4-Nitrophenol-d4	15.78	143	527321	30.49	ng/ul	0.00
17) Fluorene-d10	16.61	176	2172055	34.77	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	529720	28.59	ng/ul	0.00
20) Anthracene-d10	18.42	188	1763235	22.00	ng/ul	0.00
24) Pyrene-d10	20.87	212	2991491	37.26	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	1932767	35.54	ng/ul	0.00

Target Compounds

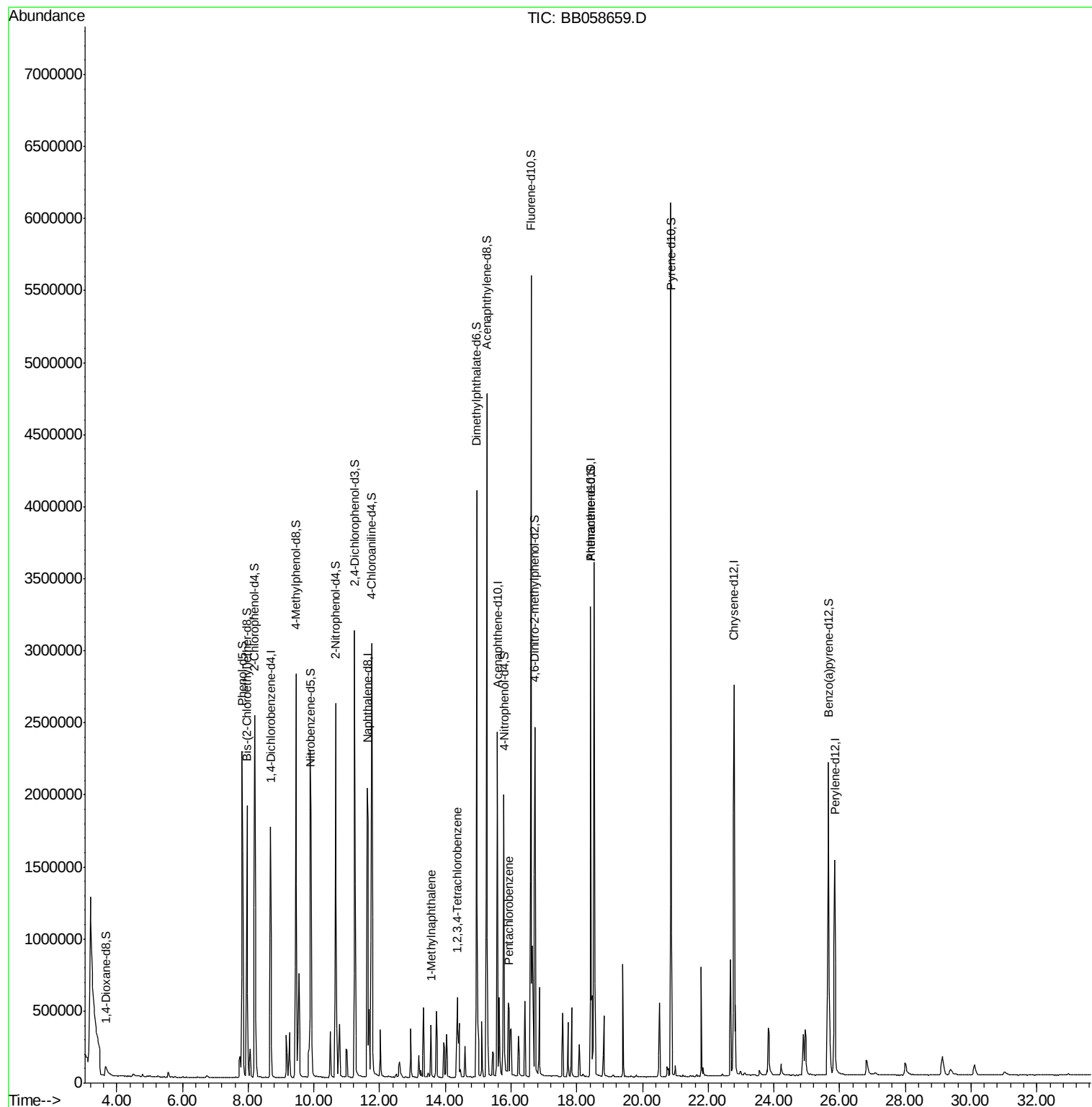
						Qvalue
12) 1-Methylnaphthalene	13.57	142	210492	3.24	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	14.36	216	93915	3.02	ng/uL	99
22) Pentachlorobenzene	15.94	250	89209	2.93	ng/uL	99

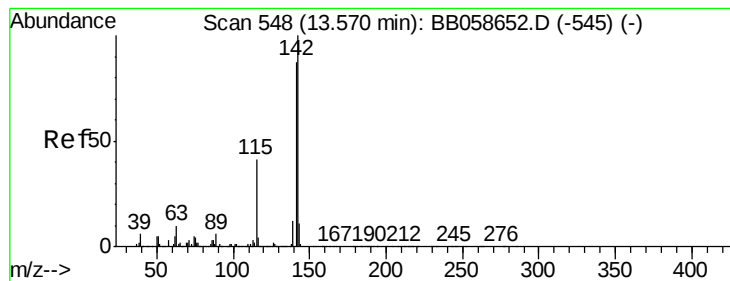
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 3.24 ng/uL

RT: 13.57 min Scan# 548

Delta R.T. -0.00 min

Lab File: BB058659.D

Acq: 19 Oct 2016 19:30

Instrument :

BNA_B

ClientSampled :

MDL-06-S

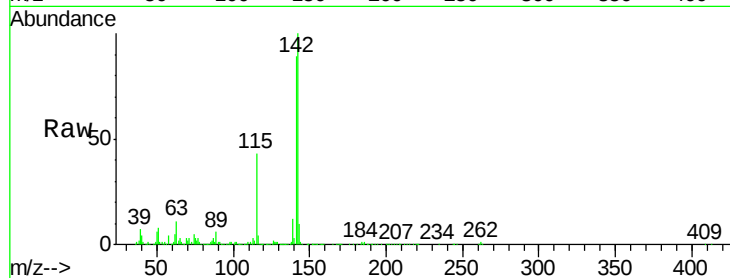
Tgt Ion:142 Resp: 210492

Ion Ratio Lower Upper

142 100

141 89.3 74.9 112.3

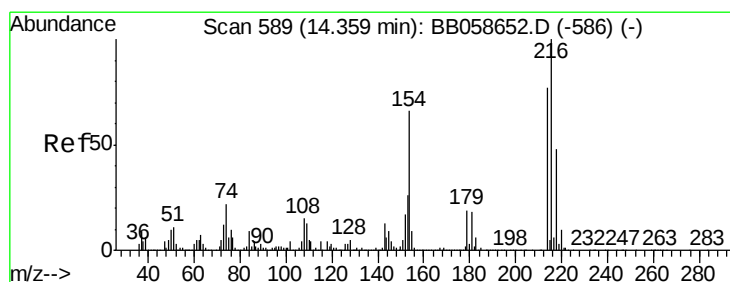
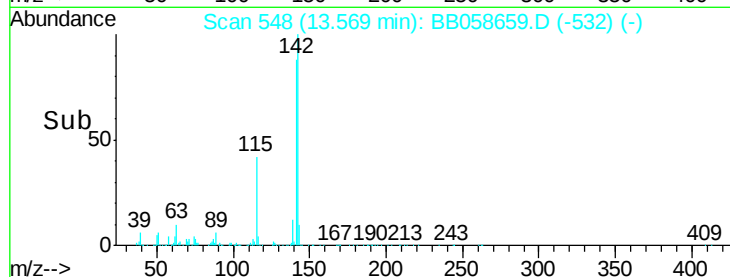
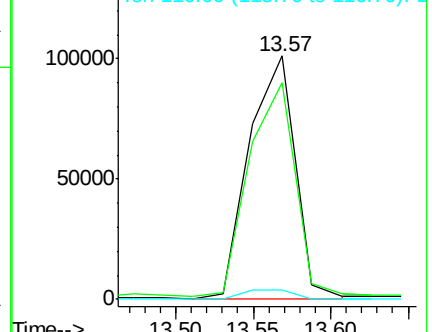
116 3.9 3.1 4.7



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: 3.02 ng/uL

RT: 14.36 min Scan# 589

Delta R.T. -0.00 min

Lab File: BB058659.D

Acq: 19 Oct 2016 19:30

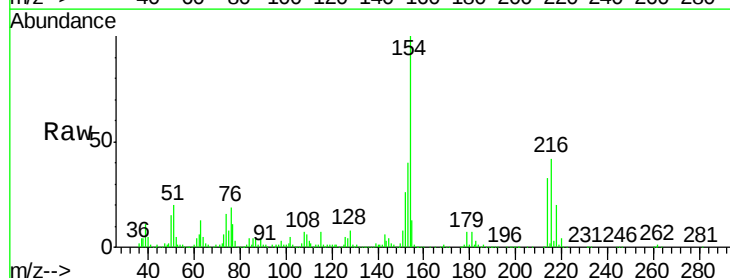
Tgt Ion:216 Resp: 93915

Ion Ratio Lower Upper

216 100

214 77.6 62.5 93.7

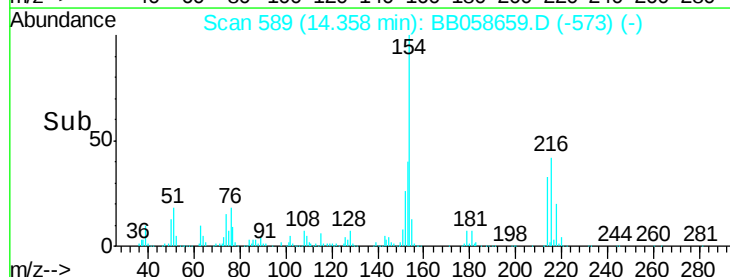
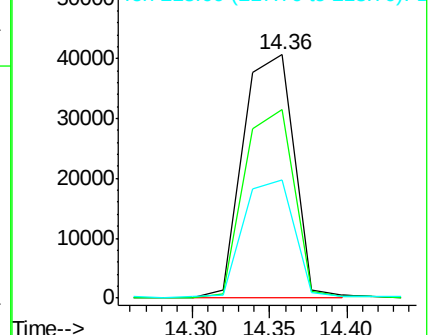
218 48.3 38.4 57.6

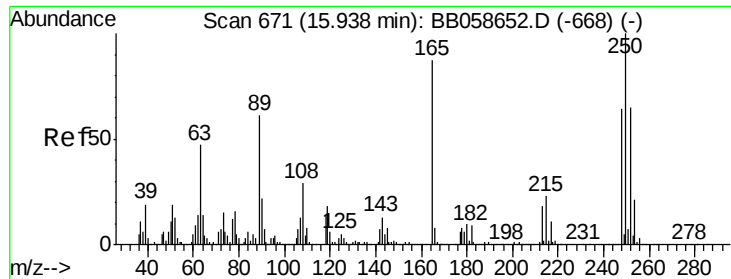


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

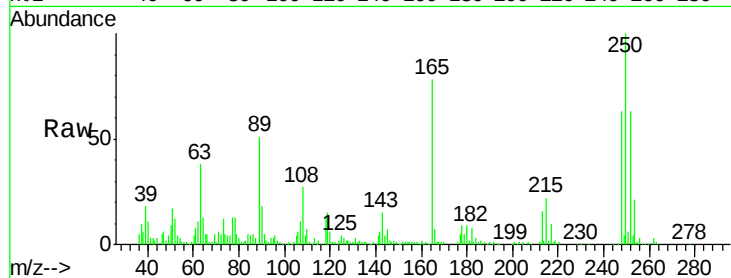




#22
 Pentachlorobenzene
 Concen: 2.93 ng/uL
 RT: 15.94 min Scan# 671
 Delta R.T. -0.00 min
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Instrument :
 BNA_B
 ClientSampleId :
 MDL-06-S

Tgt Ion:250 Resp: 89209
 Ion Ratio Lower Upper
 250 100
 248 63.2 50.6 75.8
 252 63.4 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

