

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058666.D
 Acq On : 20 Oct 2016 00:15
 Operator : UM/SJ
 Sample : MDL-05-S-ML
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-05-S-ML

Quant Time: Oct 20 04:40:31 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	564046	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2214068	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.57	164	1213077	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	1982361	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1990233	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1352582	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.67	96	95453	7.35	ng/uL	0.02
3) Phenol-d5	7.81	99	1378110	31.92	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1053088	34.63	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1339235	31.27	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1072933	30.86	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	692261	31.28	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	737408	30.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	971427	29.31	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1443548	34.07	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2532319	31.52	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3190660	33.78	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	516308	28.51	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2220278	33.94	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.72	200	497747	23.90	ng/ul	0.00
20) Anthracene-d10	18.42	188	1982361	22.00	ng/ul	0.00
24) Pyrene-d10	20.86	212	3074625	34.70	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	1962933	32.20	ng/ul	0.00

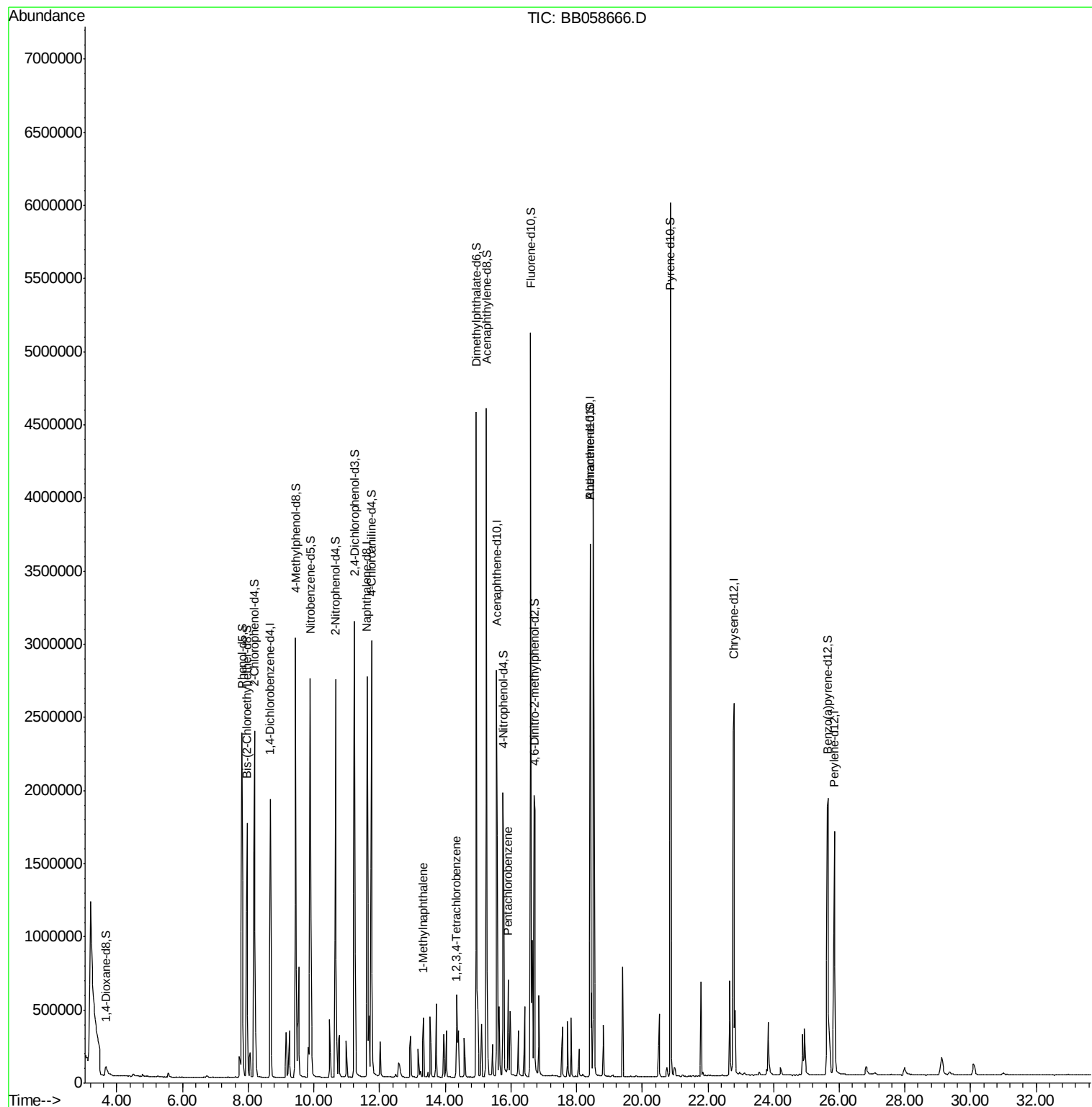
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	13.34	142	204251	2.92	ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	90400	2.58	ng/uL	97
22) Pentachlorobenzene	15.92	250	83494	2.44	ng/uL	94

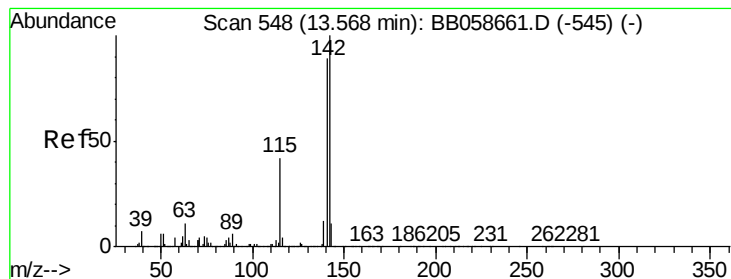
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 2.92 ng/uL

RT: 13.34 min Scan# 536

Delta R.T. -0.23 min

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Instrument :

BNA_B

ClientSampleId :

MDL-05-S-ML

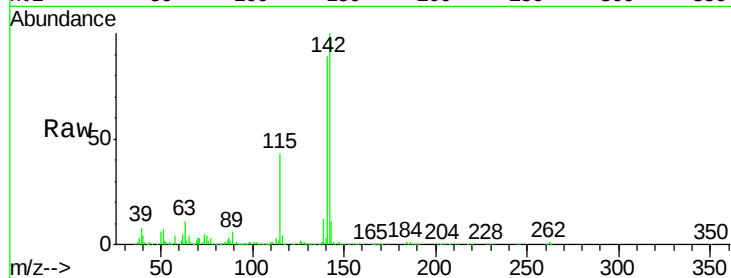
Tgt Ion:142 Resp: 204251

Ion Ratio Lower Upper

142 100

141 88.6 74.9 112.3

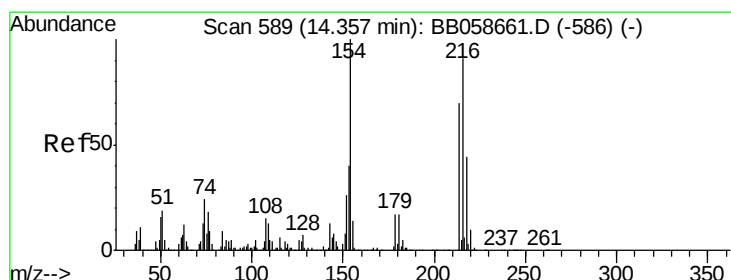
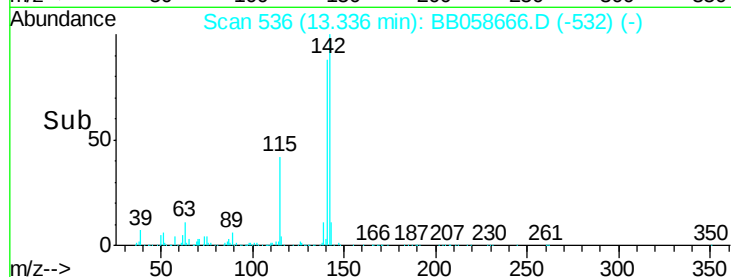
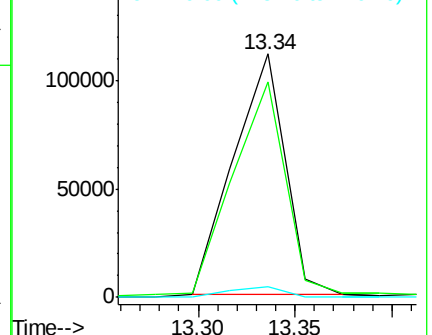
116 4.4 3.1 4.7



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: 2.58 ng/uL

RT: 14.34 min Scan# 588

Delta R.T. -0.02 min

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Acq: 20 Oct 2016 00:15

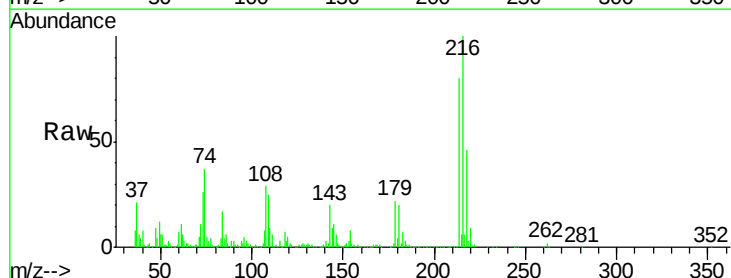
Tgt Ion:216 Resp: 90400

Ion Ratio Lower Upper

216 100

214 80.2 62.5 93.7

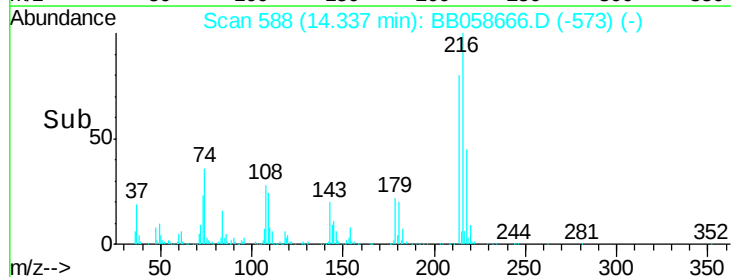
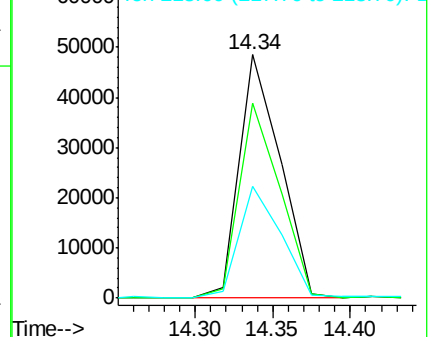
218 45.7 38.4 57.6

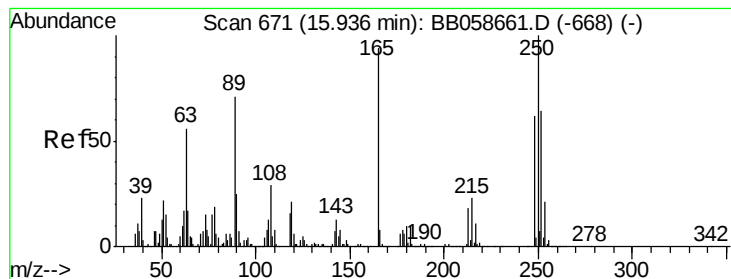


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 2.44 ng/uL

RT: 15.92 min Scan# 670

Delta R.T. -0.02 min

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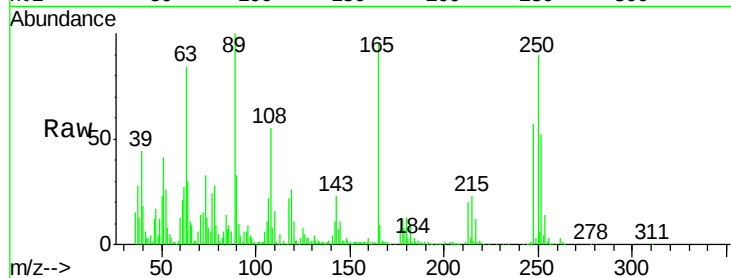
Tgt Ion:250 Resp: 83494

Ion Ratio Lower Upper

250 100

248 66.6 50.6 75.8

252 58.0 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

