

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058657.D
 Acq On : 19 Oct 2016 18:09
 Operator : UM/SJ
 Sample : MDL-04-S
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-04-S

Quant Time: Oct 20 04:26:10 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	8.71	152	531919	20.00	ng/ul	0.04
7) Naphthalene-d8	11.66	136	2081267	20.00	ng/ul	0.02
13) Acenaphthene-d10	15.61	164	1192354	20.00	ng/ul	0.02
18) Phenanthrene-d10	18.44	188	1876235	20.00	ng/ul	0.02
23) Chrysene-d12	22.79	240	1774878	20.00	ng/ul	0.00
25) Perylene-d12	25.87	264	1338055	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.69	96	93665	7.65	ng/uL	0.04
3) Phenol-d5	7.85	99	1338972	32.88	ng/ul	0.04
4) Bis-(2-Chloroethyl)ether-d	8.00	67	1035936	36.12	ng/ul	0.04
5) 2-Chlorophenol-d4	8.23	132	1339156	33.15	ng/ul	0.04
6) 4-Methylphenol-d8	9.49	113	1059494	32.31	ng/ul	0.04
8) Nitrobenzene-d5	9.93	128	689785	33.16	ng/ul	0.04
9) 2-Nitrophenol-d4	10.70	143	750983	33.20	ng/ul	0.04
10) 2,4-Dichlorophenol-d3	11.28	165	978644	31.42	ng/ul	0.04
11) 4-Chloroaniline-d4	11.80	131	1426873	35.83	ng/ul	0.04
14) Dimethylphthalate-d6	14.99	166	2622317	33.21	ng/ul	0.04
15) Acenaphthylene-d8	15.28	160	3067292	33.04	ng/ul	0.02
16) 4-Nitrophenol-d4	15.80	143	532141	29.90	ng/ul	0.02
17) Fluorene-d10	16.63	176	2194842	34.13	ng/ul	0.02
19) 4,6-Dinitro-2-methylphenol	16.74	200	526698	26.72	ng/ul	0.02
20) Anthracene-d10	18.53	188	2648624	31.06	ng/ul	0.11
24) Pyrene-d10	20.88	212	3108418	39.33	ng/ul	0.02
26) Benzo(a)pyrene-d12	25.68	264	1977271	32.78	ng/ul	0.02

Target Compounds

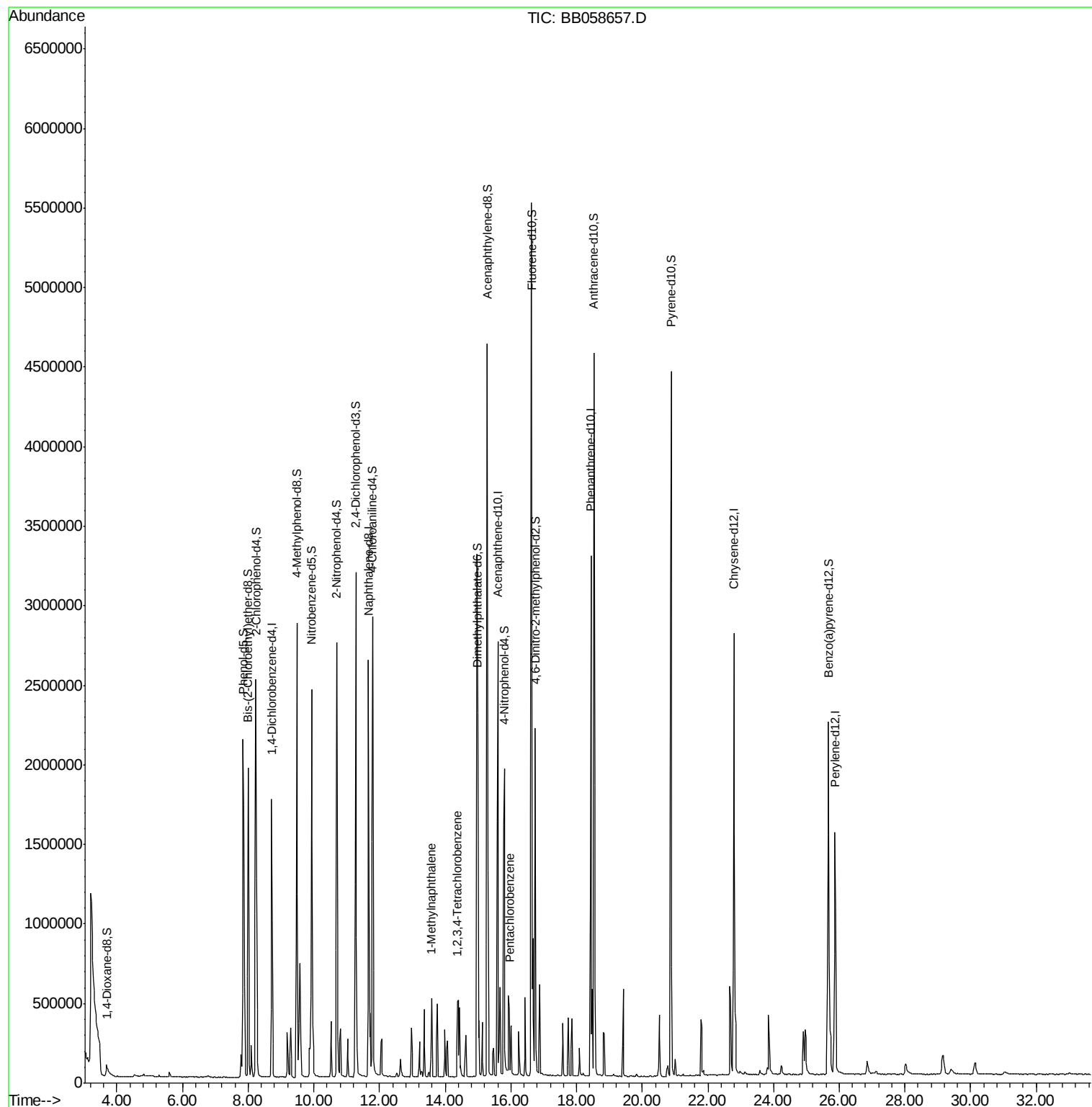
						Qvalue
12) 1-Methylnaphthalene	13.59	142	205673	3.12	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	14.38	216	93373	2.82	ng/uL	97
22) Pentachlorobenzene	15.95	250	83097	2.57	ng/uL	98

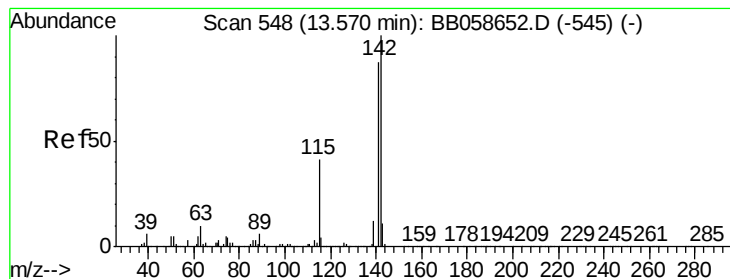
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 3.12 ng/uL

RT: 13.59 min Scan# 549

Delta R.T. 0.02 min

Lab File: BB058657.D

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Instrument :

BNA_B

ClientSampleId :

MDL-04-S

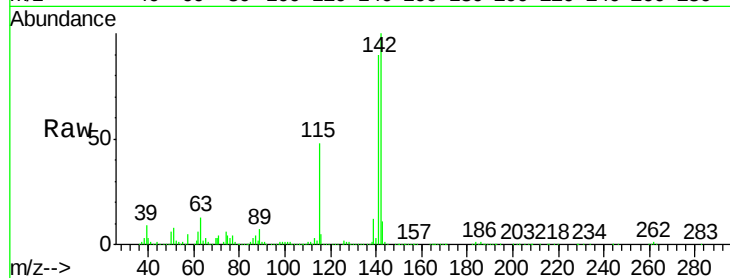
Tgt Ion:142 Resp: 205673

Ion Ratio Lower Upper

142 100

141 89.6 74.9 112.3

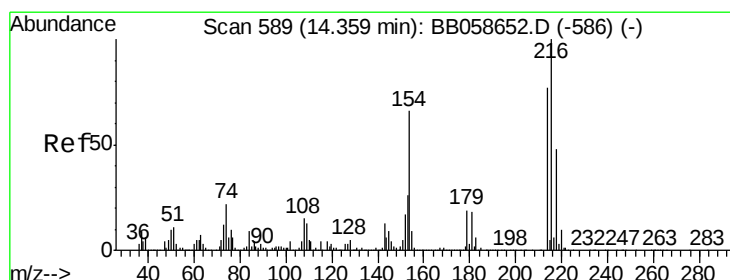
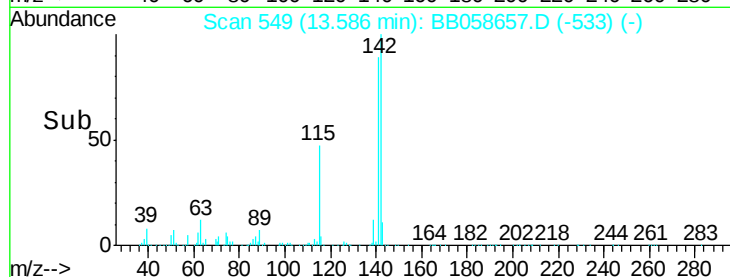
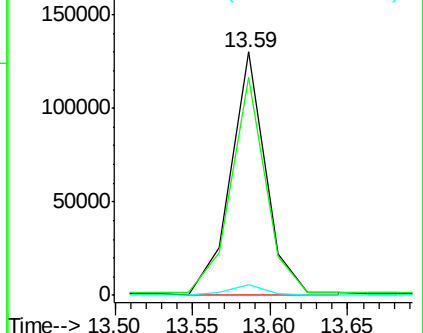
116 4.5 3.1 4.7



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: 2.82 ng/uL

RT: 14.38 min Scan# 590

Delta R.T. 0.02 min

Lab File: BB058657.D

Acq: 19 Oct 2016 18:09

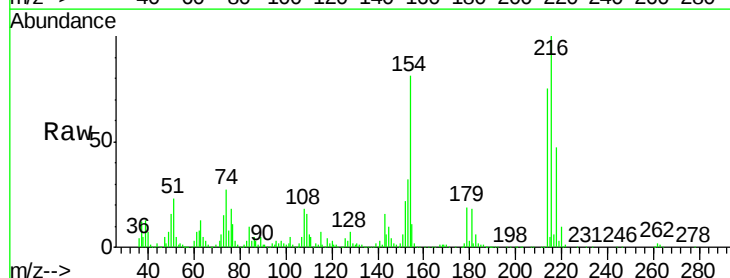
Tgt Ion:216 Resp: 93373

Ion Ratio Lower Upper

216 100

214 75.3 62.5 93.7

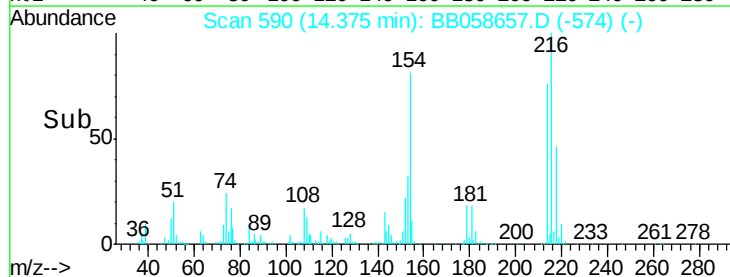
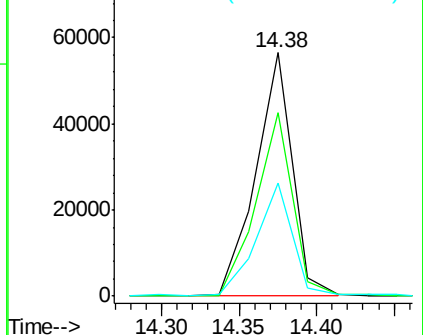
218 46.7 38.4 57.6

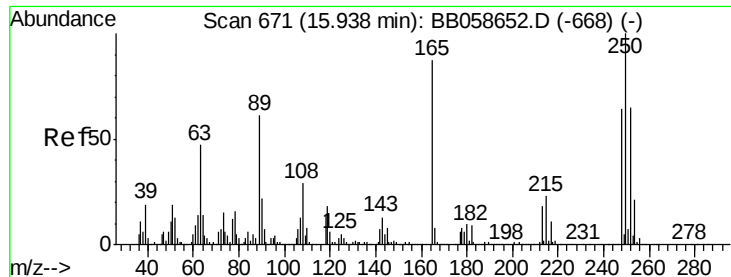


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22
 Pentachlorobenzene
 Concen: 2.57 ng/uL
 RT: 15.95 min Scan# 672
 Delta R.T. 0.02 min
 Lab File: BB058657.D
 Acq: 19 Oct 2016 18:09

Instrument :
 BNA_B
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.9	50.6	75.8
252	66.4	51.4	77.0

