

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB102016\
 Data File : BB058674.D
 Acq On : 20 Oct 2016 10:49
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-W

Quant Time: Oct 20 16:28:26 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 16:25:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	540610	20.00	ng/ul	0.06
7) Naphthalene-d8	11.68	136	2122126	20.00	ng/ul	0.04
13) Acenaphthene-d10	15.61	164	1230791	20.00	ng/ul	0.02
18) Phenanthrene-d10	18.44	188	1939094	20.00	ng/ul	0.02
23) Chrysene-d12	22.79	240	1764235	20.00	ng/ul	0.00
25) Perylene-d12	25.87	264	1243641	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.69	96	103561	8.32	ng/uL	0.04
3) Phenol-d5	7.87	99	1505850	36.39	ng/ul	0.06
4) Bis-(2-Chloroethyl)ether-d	8.02	67	1148851	39.41	ng/ul	0.06
5) 2-Chlorophenol-d4	8.25	132	1456910	35.49	ng/ul	0.06
6) 4-Methylphenol-d8	9.51	113	1194496	35.85	ng/ul	0.04
8) Nitrobenzene-d5	9.95	128	747172	35.22	ng/ul	0.06
9) 2-Nitrophenol-d4	10.72	143	820878	35.59	ng/ul	0.06
10) 2,4-Dichlorophenol-d3	11.28	165	1041374	32.79	ng/ul	0.04
11) 4-Chloroaniline-d4	11.80	131	1553484	38.25	ng/ul	0.04
14) Dimethylphthalate-d6	14.99	166	2928768	35.94	ng/ul	0.04
15) Acenaphthylene-d8	15.28	160	3269682	34.12	ng/ul	0.02
16) 4-Nitrophenol-d4	15.80	143	577617	31.44	ng/ul	0.02
17) Fluorene-d10	16.63	176	2411683	36.33	ng/ul	0.02
19) 4,6-Dinitro-2-methylphenol	16.74	200	542191	26.61	ng/ul	0.02
20) Anthracene-d10	18.53	188	2877356	32.65	ng/ul	0.02
24) Pyrene-d10	20.86	212	3217188	40.96	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.68	264	2101137	37.48	ng/ul	0.04

Target Compounds

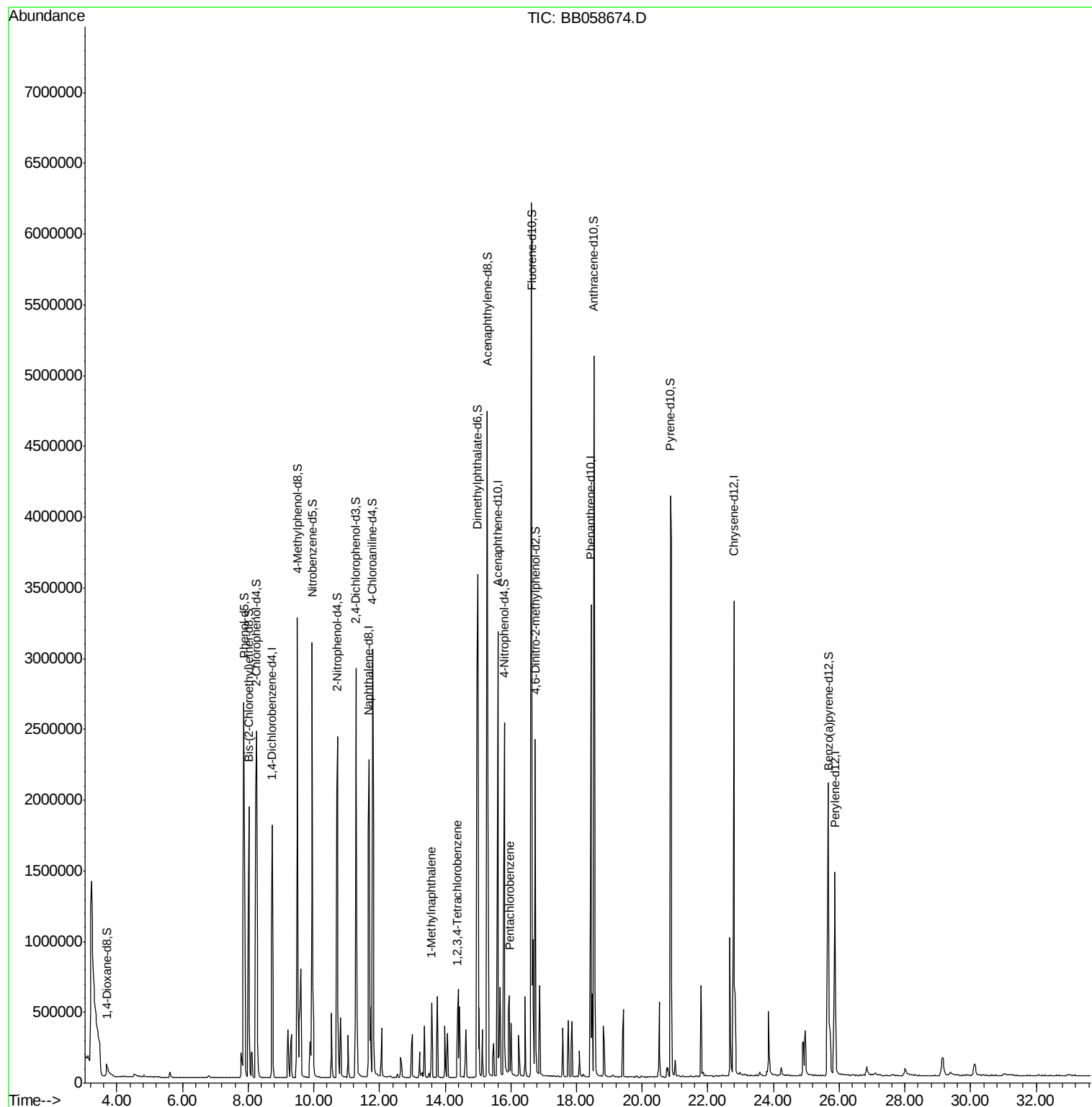
						Qvalue
12) 1-Methylnaphthalene	13.59	142	231817	3.45	ng/ul#	94
21) 1,2,3,4-Tetrachlorobenzene	14.38	216	97852	2.86	ng/uL	99
22) Pentachlorobenzene	15.95	250	93738	2.80	ng/uL	99

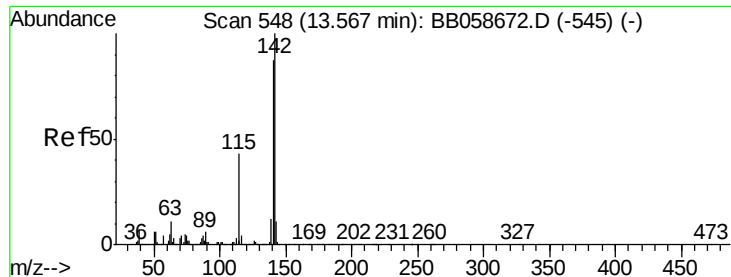
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB102016\
Data File : BB058674.D
Acq On : 20 Oct 2016 10:49
Operator : UM/SJ
Sample : MDL-01-W
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Quant Time: Oct 20 16:28:26 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 16:25:04 2016
Response via : Initial Calibration





#12

1-Methylnaphthalene

Concen: 3.45 ng/uL

RT: 13.59 min Scan# 549

Delta R.T. 0.02 min

Lab File: BB058674.D

Acq: 20 Oct 2016 10:49

Instrument :

BNA_B

ClientSampleId :

MDL-01-W

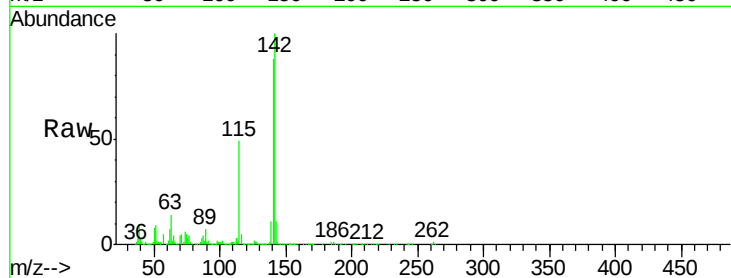
Tgt Ion:142 Resp: 231817

Ion Ratio Lower Upper

142 100

141 88.2 74.9 112.3

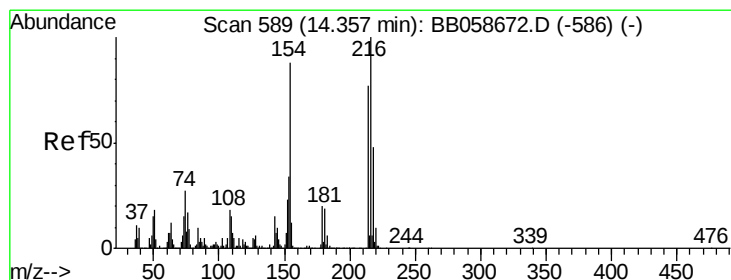
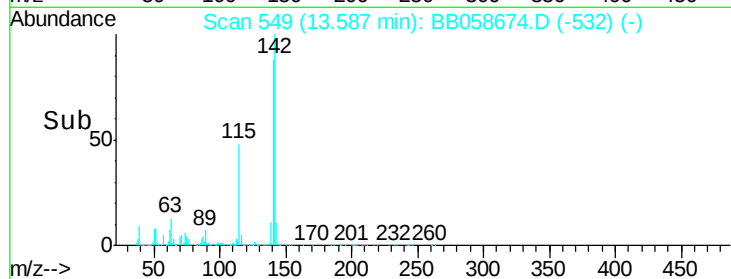
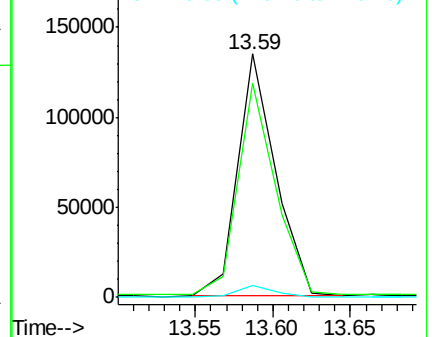
116 4.8 3.1 4.7#



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: 2.86 ng/uL

RT: 14.38 min Scan# 590

Delta R.T. 0.02 min

Lab File: BB058674.D

Acq: 20 Oct 2016 10:49

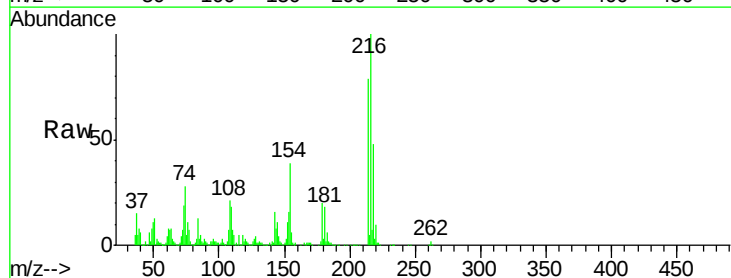
Tgt Ion:216 Resp: 97852

Ion Ratio Lower Upper

216 100

214 79.4 62.5 93.7

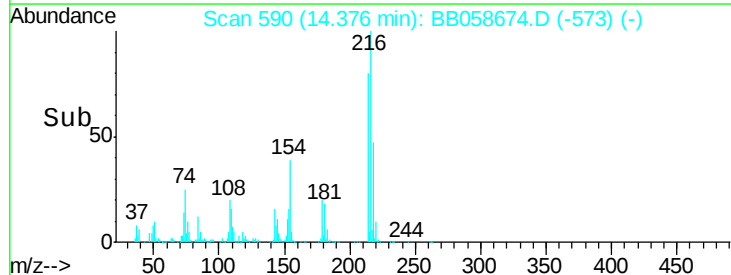
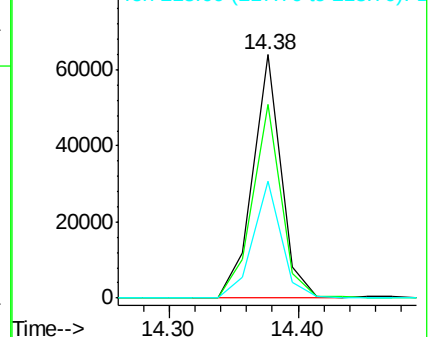
218 47.8 38.4 57.6

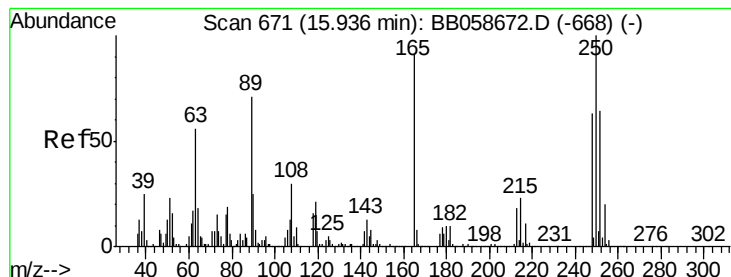


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 2.80 ng/uL

RT: 15.95 min Scan# 672

Delta R.T. 0.02 min

Lab File: BB058674.D

Acq: 20 Oct 2016 10:49

Instrument :

BNA_B

ClientSampleId :

MDL-01-W

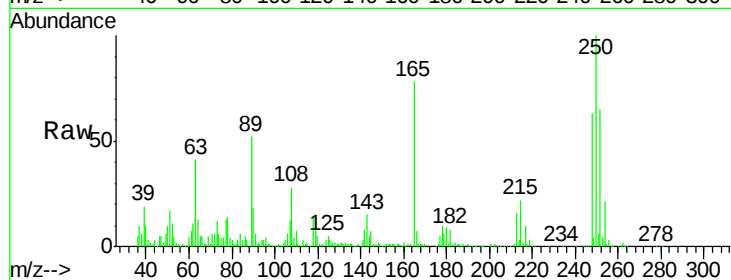
Tgt Ion:250 Resp: 93738

Ion Ratio Lower Upper

250 100

248 62.7 50.6 75.8

252 64.7 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

