

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058661.D
 Acq On : 19 Oct 2016 20:52
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 SSTD02097

Quant Time: Oct 20 04:26:38 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	495957	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	1928383	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.59	164	1078358	20.00	ng/ul	0.00
18) Phenanthrene-d10	18.42	188	1677377	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1804985	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1224032	20.00	ng/ul	-0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	95686	8.38	ng/uL	0.00
3) Phenol-d5	7.81	99	799666	21.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.97	67	612313	22.90	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	785591	20.86	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	635226	20.78	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	400559	20.78	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	438783	20.93	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	594804	20.61	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	810695	21.97	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	1486677	20.82	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	1819014	21.66	ng/ul	0.00
16) 4-Nitrophenol-d4	15.78	143	315215	19.58	ng/ul	0.00
17) Fluorene-d10	16.61	176	1276487	21.95	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	311706	17.69	ng/ul	0.00
20) Anthracene-d10	18.42	188	1677377	22.00	ng/ul	0.00
24) Pyrene-d10	20.86	212	1700488	21.16	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	1120754	20.31	ng/ul	0.00

Target Compounds

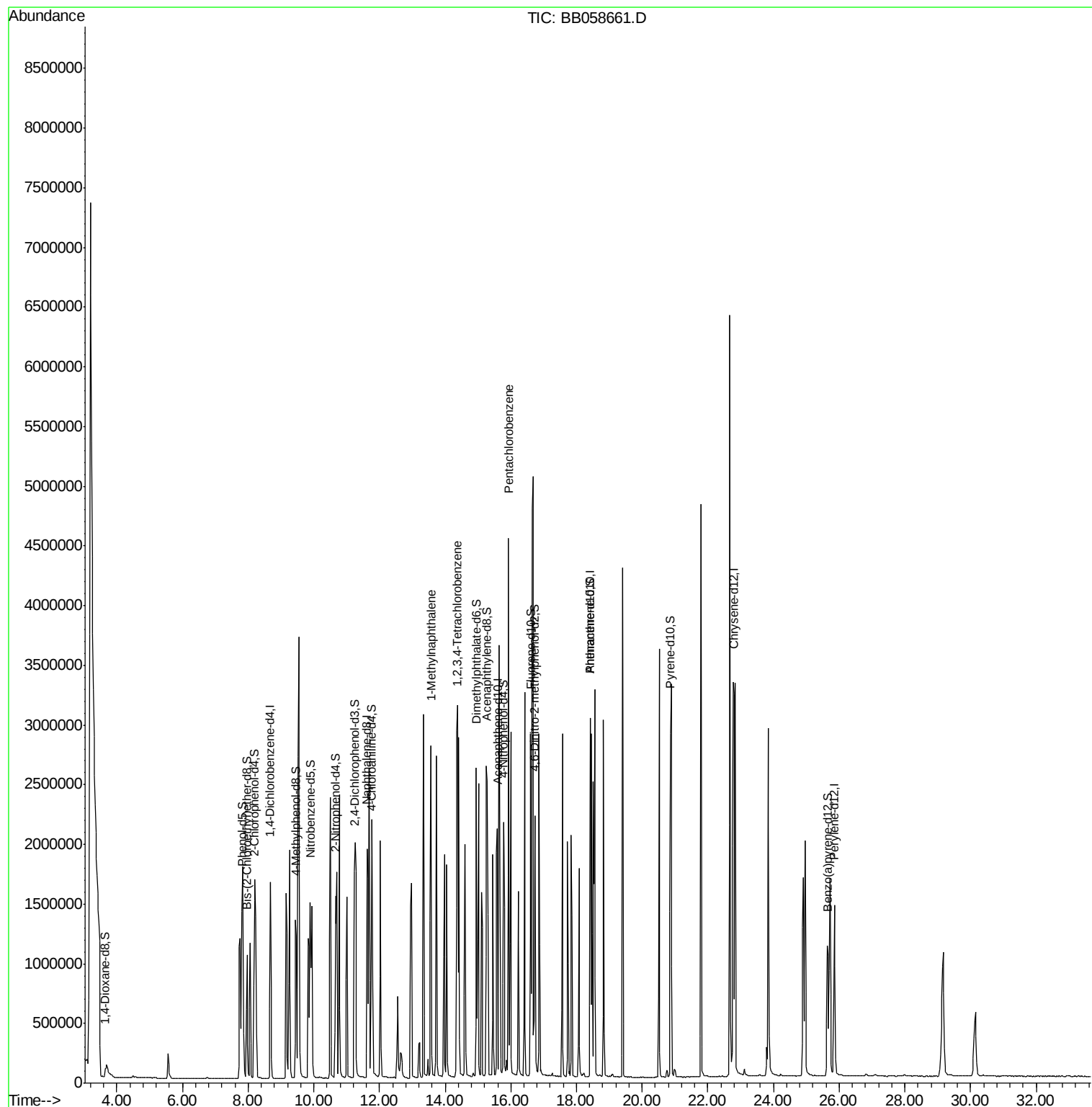
						Qvalue
12) 1-Methylnaphthalene	13.57	142	1312000	21.50	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	14.36	216	591995	20.00	ng/uL	99
22) Pentachlorobenzene	15.94	250	596166	20.61	ng/uL	99

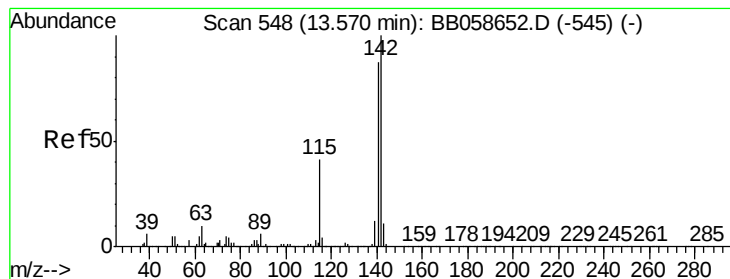
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 21.50 ng/uL

RT: 13.57 min Scan# 548

Delta R.T. -0.00 min

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SSTD02097

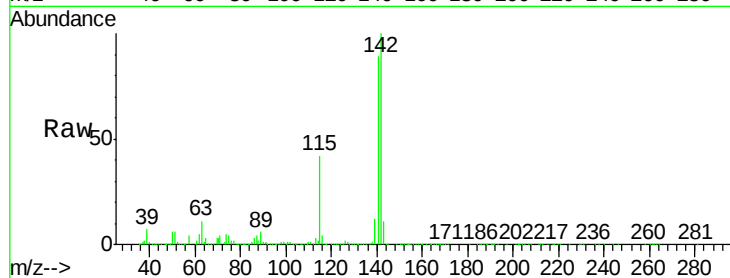
Tgt Ion:142 Resp: 1312000

Ion Ratio Lower Upper

142 100

141 89.2 74.9 112.3

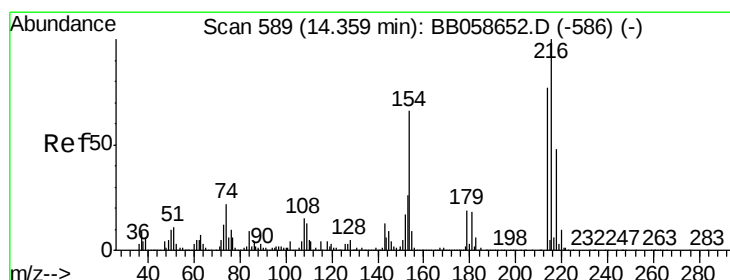
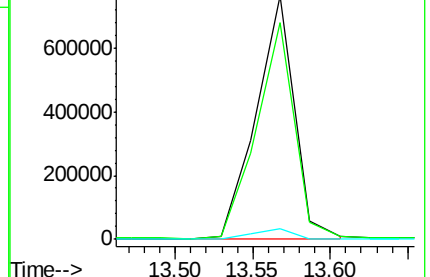
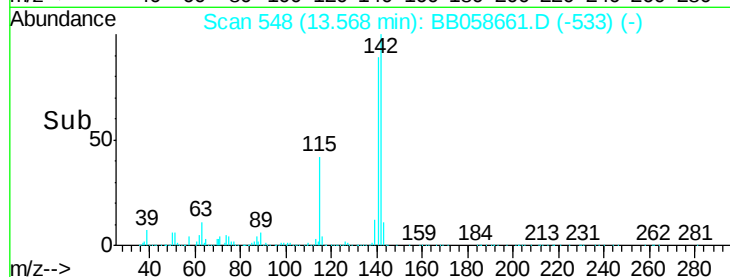
116 4.4 3.1 4.7



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: 20.00 ng/uL

RT: 14.36 min Scan# 589

Delta R.T. -0.00 min

Lab File: BB058661.D

Acq: 19 Oct 2016 20:52

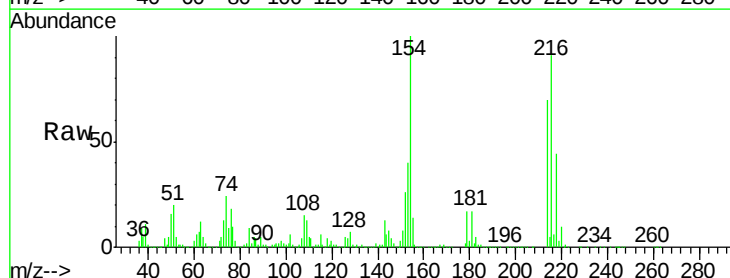
Tgt Ion:216 Resp: 591995

Ion Ratio Lower Upper

216 100

214 77.2 62.5 93.7

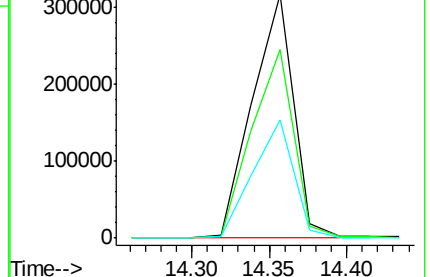
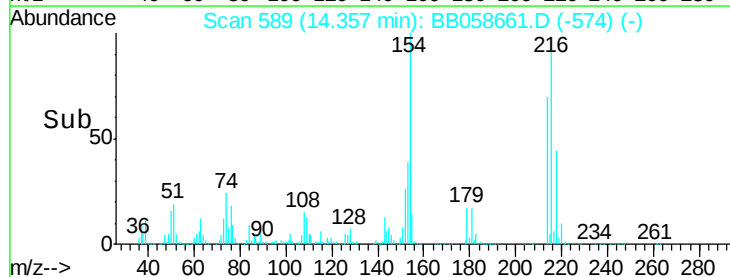
218 48.5 38.4 57.6

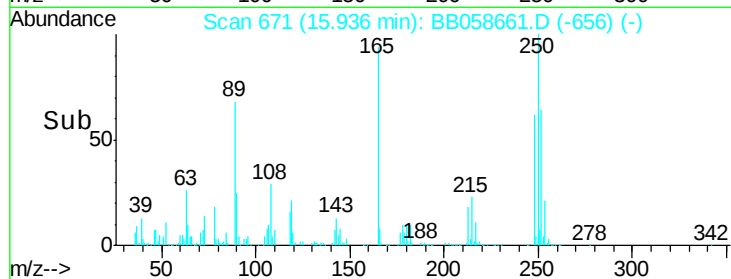
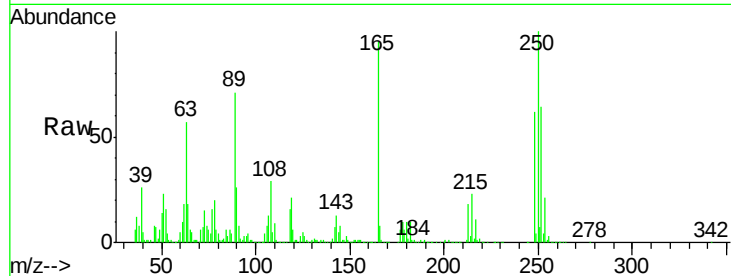
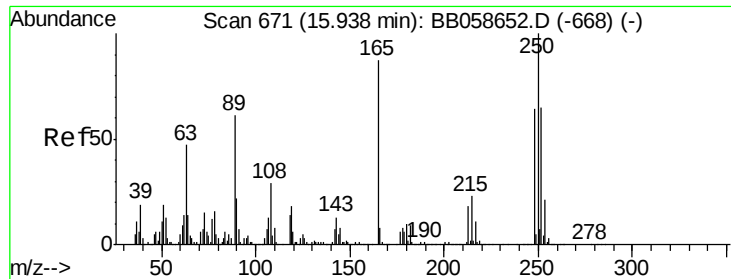


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 20.61 ng/uL

RT: 15.94 min Scan# 671

Delta R.T. -0.00 min

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Acq: 19 Oct 2016 20:52

Instrument :

BNA_B

ClientSampleId :

SSTD02097

Tgt Ion:250 Resp: 596166

Ion Ratio Lower Upper

250 100

248 61.7 50.6 75.8

252 63.9 51.4 77.0

