

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101916\
 Data File : BB058654.D
 Acq On : 19 Oct 2016 16:03
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Manual Integrations
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Quant Time: Oct 20 16:19:23 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	527609	20.00	ng/ul	0.00
7) Naphthalene-d8	11.64	136	2041888	20.00	ng/ul	0.00
13) Acenaphthene-d10	15.59	164	1186415	20.00	ng/ul	0.00
18) Phenanthrene-d10	18.42	188	1773492	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	1821184	20.00	ng/ul	0.00
25) Perylene-d12	25.87	264	1290463	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.67	96	94771	7.80	ng/uL	0.02
3) Phenol-d5	7.81	99	1326274	32.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.97	67	1011191	35.55	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1381688	34.48	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1075364	33.07	ng/ul	0.00
8) Nitrobenzene-d5	9.89	128	709837	34.78	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	784769	35.36	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1017832	33.30	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1470684	37.64	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2663244	33.90	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3150915	34.11	ng/ul	0.00
16) 4-Nitrophenol-d4	15.78	143	552924	31.22	ng/ul	0.00
17) Fluorene-d10	16.61	176	2204697	34.46	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	533739	28.64	ng/ul	0.00
20) Anthracene-d10	18.53	188	3057229m	37.93	ng/ul	0.11
24) Pyrene-d10	20.86	212	2946087	36.33	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.68	264	2104734	36.18	ng/ul	0.02

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	13.57	142	196265	3.04	ng/ul	97
21) 1,2,3,4-Tetrachlorobenzene	14.36	216	89995	2.88	ng/uL	99
22) Pentachlorobenzene	15.94	250	85385	2.79	ng/uL	99

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

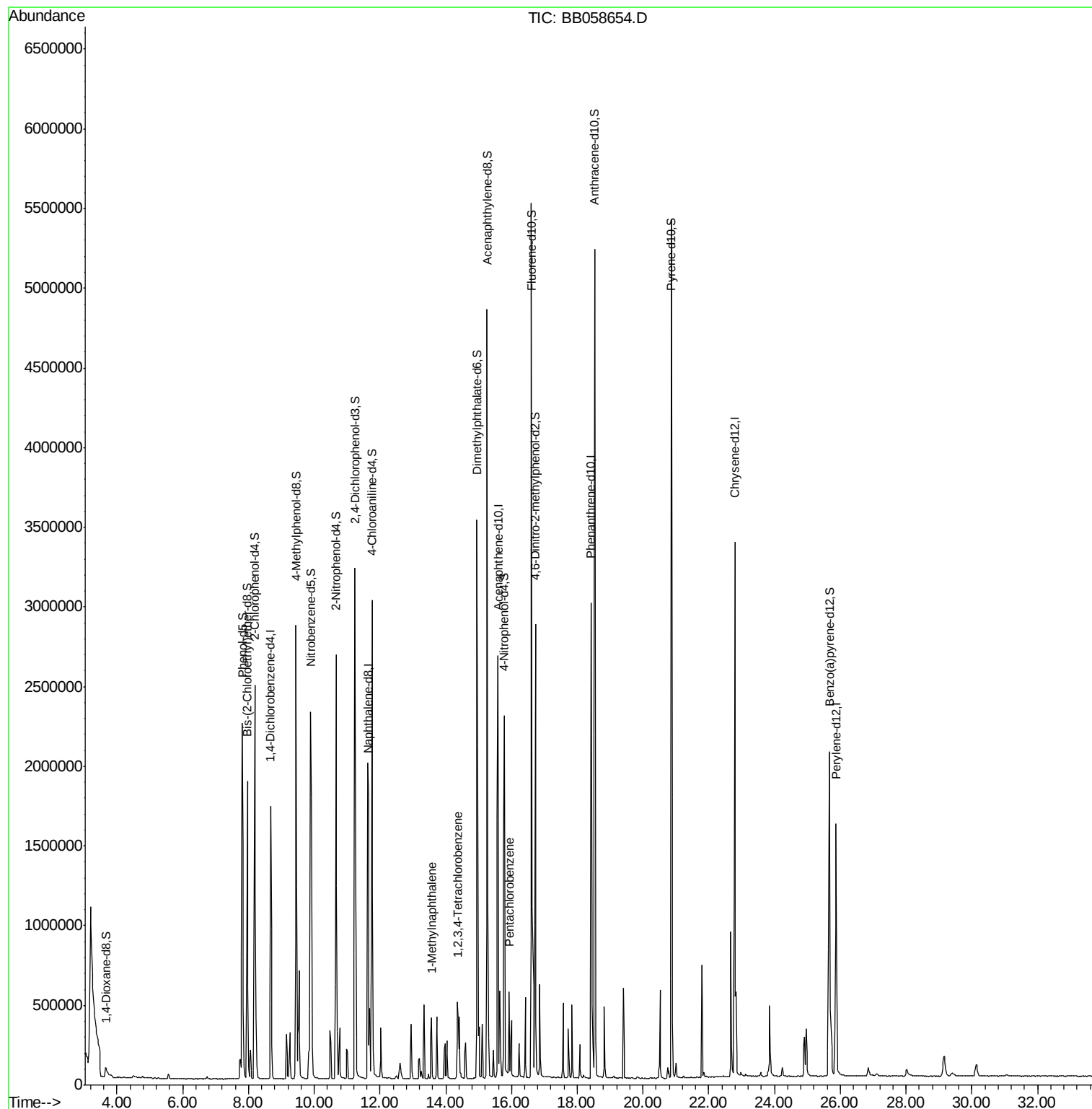
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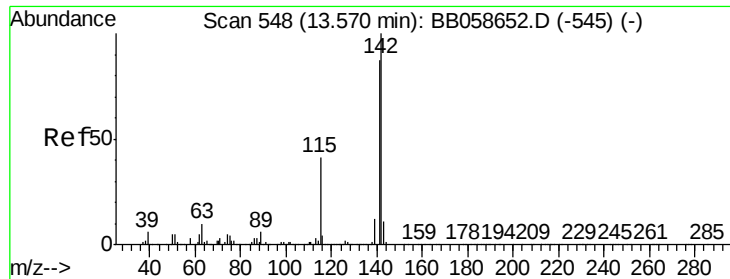
Instrument :
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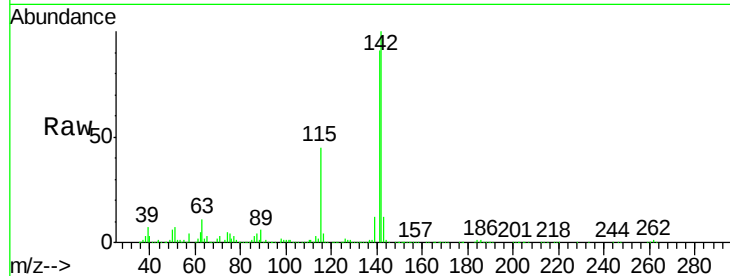
#12
1-Methylnaphthalene
Concen: 3.04 ng/uL
RT: 13.57 min Scan# 548
Delta R.T. -0.00 min
Lab File: BB058654.D
Acq: 19 Oct 2016 16:03

Instrument :
BNA_B
ClientSampleId :
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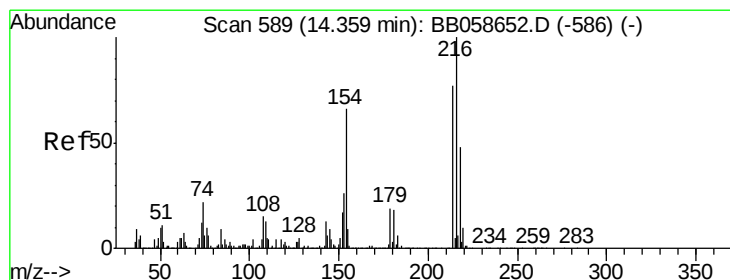
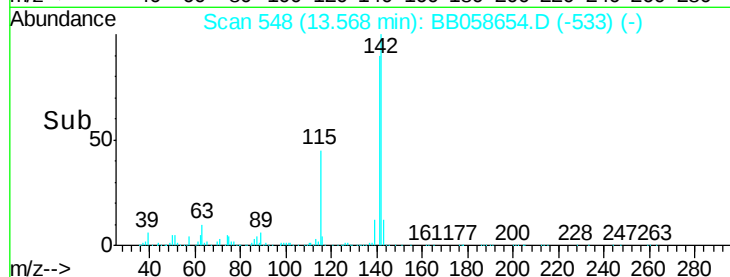
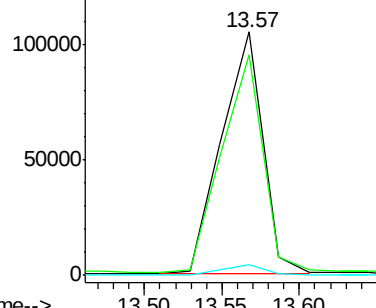
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.8	74.9	112.3
116	4.4	3.1	4.7

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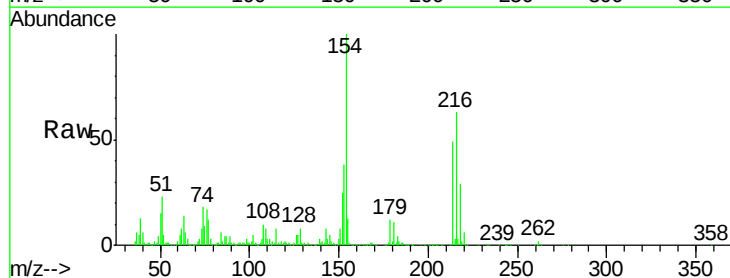


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

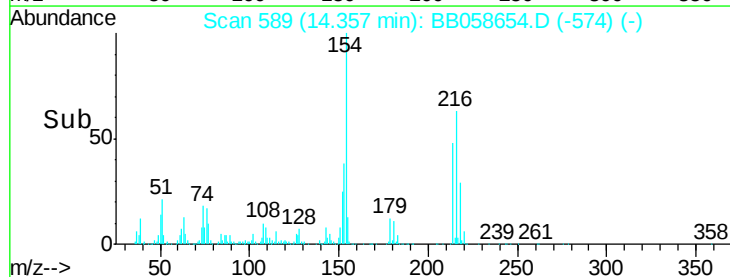
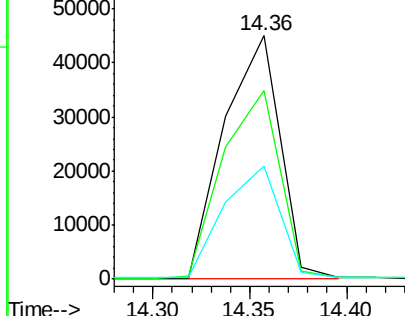


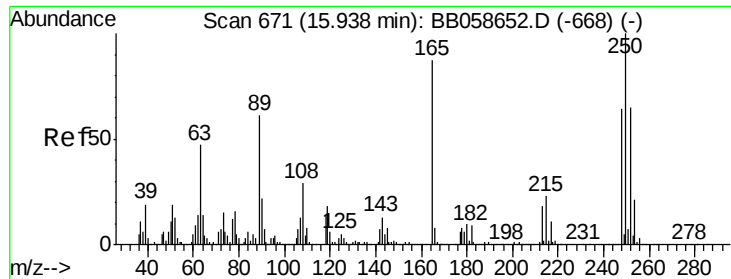
#21
1,2,3,4-Tetrachlorobenzene
Concen: 2.88 ng/uL
RT: 14.36 min Scan# 589
Delta R.T. -0.00 min
Lab File: BB058654.D
Acq: 19 Oct 2016 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.4	62.5	93.7
218	46.4	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





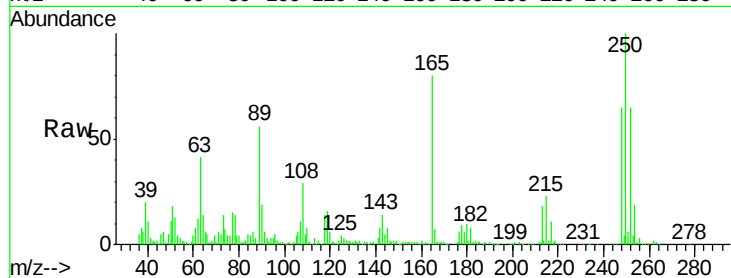
#22
 Pentachlorobenzene
 Concen: 2.79 ng/uL
 RT: 15.94 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BB058654.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
250	100		
248	64.6	50.6	75.8
252	64.8	51.4	77.0

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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

