

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB102016\
 Data File : BB058678.D
 Acq On : 20 Oct 2016 14:12
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-05-W

Manual Integrations
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Quant Time: Oct 20 16:43:46 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	8.68	152	684429	20.00	ng/ul	0.00
7) Naphthalene-d8	11.62	136	2669320	20.00	ng/ul	-0.02
13) Acenaphthene-d10	15.57	164	1463575	20.00	ng/ul	-0.02
18) Phenanthrene-d10	18.42	188	2340401	20.00	ng/ul	0.00
23) Chrysene-d12	22.79	240	2382814	20.00	ng/ul	0.00
25) Perylene-d12	25.85	264	1550053	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.65	96	112518	7.14	ng/uL	0.00
3) Phenol-d5	7.81	99	1650472	31.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.96	67	1255376	34.02	ng/ul	0.00
5) 2-Chlorophenol-d4	8.20	132	1617796	31.13	ng/ul	0.00
6) 4-Methylphenol-d8	9.45	113	1291147	30.60	ng/ul	-0.02
8) Nitrobenzene-d5	9.89	128	829651	31.09	ng/ul	0.00
9) 2-Nitrophenol-d4	10.66	143	899398	31.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	11.24	165	1166047	29.19	ng/ul	0.00
11) 4-Chloroaniline-d4	11.76	131	1726381	33.80	ng/ul	0.00
14) Dimethylphthalate-d6	14.95	166	2918402	30.11	ng/ul	0.00
15) Acenaphthylene-d8	15.26	160	3718017	32.62	ng/ul	0.00
16) 4-Nitrophenol-d4	15.76	143	628749	28.78	ng/ul	-0.02
17) Fluorene-d10	16.61	176	2707048	34.30	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	16.73	200	602184	24.49	ng/ul	0.00
20) Anthracene-d10	18.52	188	3304987m	31.07	ng/ul	0.00
24) Pyrene-d10	20.86	212	3471880	32.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.66	264	2215867	31.72	ng/ul	0.02

Target Compounds

						Qvalue
12) 1-Methylnaphthalene	13.55	142	249020m	2.95	ng/ul	
21) 1,2,3,4-Tetrachlorobenzene	14.34	216	111054	2.69	ng/uL	99
22) Pentachlorobenzene	15.92	250	101722	2.52	ng/uL	94

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

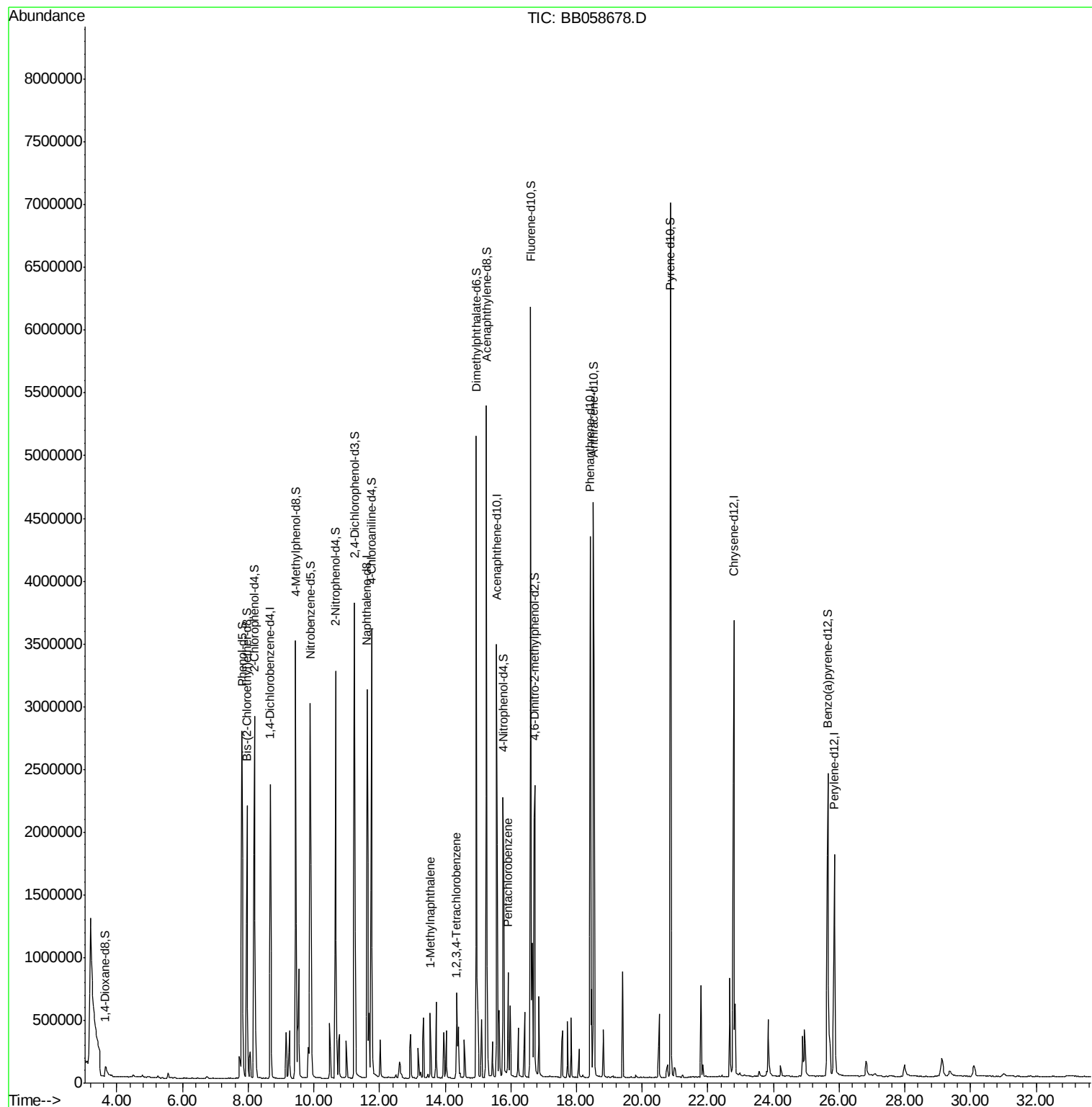
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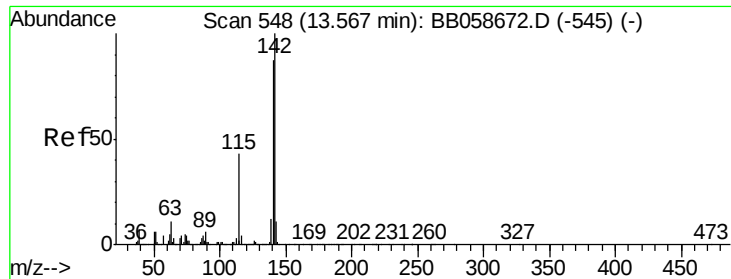
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#12

1-Methylnaphthalene

Concen: 2.95 ng/uL m

RT: 13.55 min Scan# 547

Delta R.T. -0.02 min

Lab File: BB058678.D

Acq: 20 Oct 2016 14:12

Instrument :

BNA_B

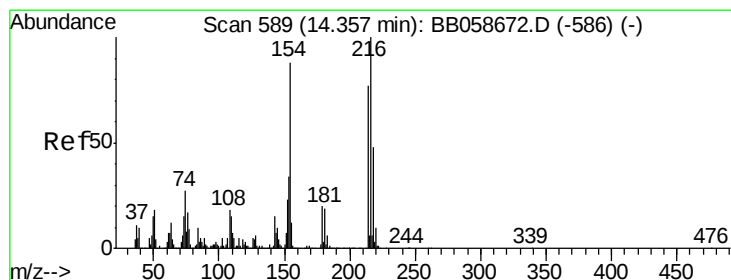
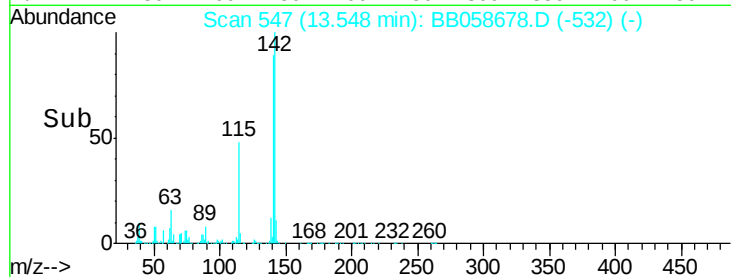
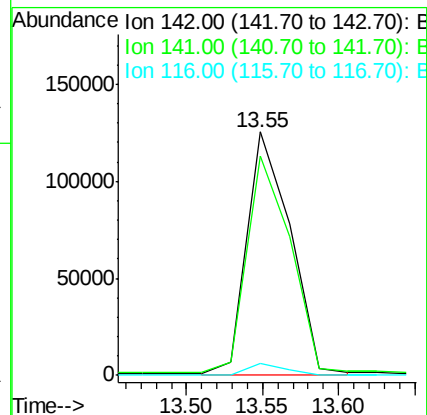
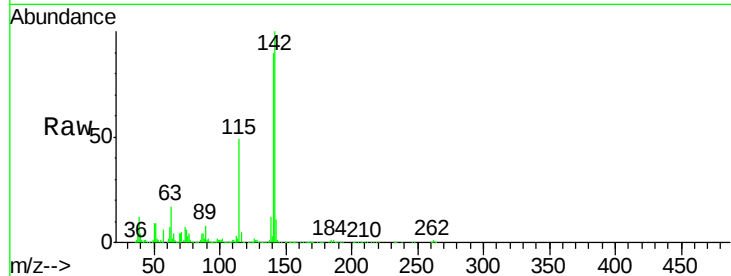
ClientSampleId :

MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	249020		
141	89.9	74.9	112.3	
116	4.7	3.1	4.7#	

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#21

1,2,3,4-Tetrachlorobenzene

Concen: 2.69 ng/uL

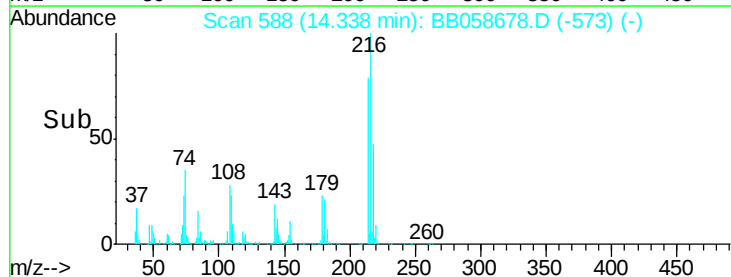
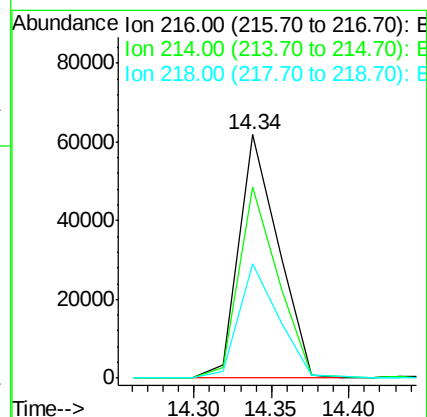
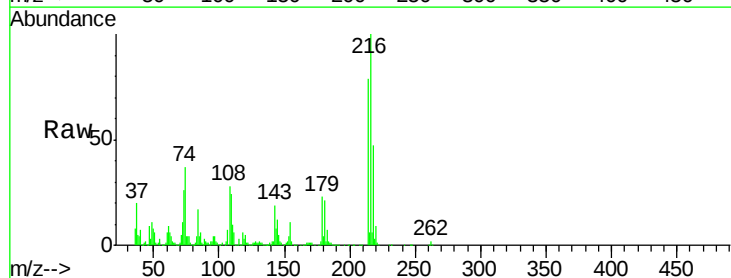
RT: 14.34 min Scan# 588

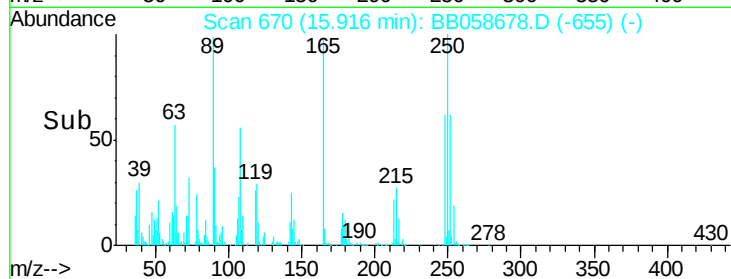
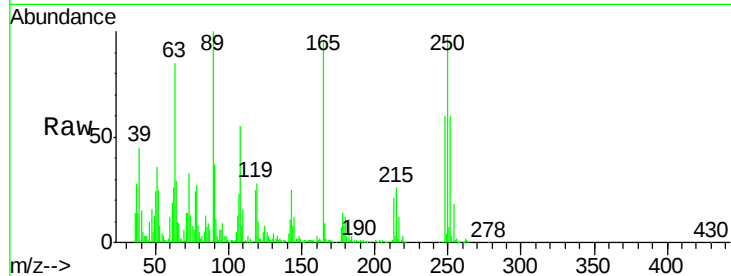
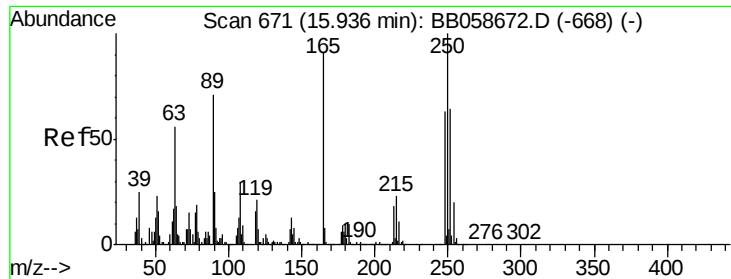
Delta R.T. -0.02 min

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	111054		
214	78.7	62.5	93.7	
218	47.2	38.4	57.6	





#22

Pentachlorobenzene

Concen: 2.52 ng/uL

RT: 15.92 min Scan# 670

Delta R.T. -0.02 min

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Tgt Ion:	250	Resp:	101722
Ion Ratio	Lower	Upper	
250	100		
248	57.9	50.6	75.8
252	60.9	51.4	77.0

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