Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004665.D
Acq On : 17 Mar 2016 14:19
Operator : UM/SJ
Sample : H1783-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA4RE

Quant Time: Mar 18 11:05:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:06:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	33298	20.00	ng/ul	0.03
18) Naphthalene-d8	10.66	136	288346	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	153104	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	338284	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	366990	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	355472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2086	2.16	ng/uL	0.00
5) Phenol-d5	7.00	99	41377	15.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	110400	71.19	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	124017	56.30	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	77450	35.12	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	73645	36.72	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	79021	36.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	131752	31.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1066	0.21	ng/ul	0.02
44) Dimethylphthalate-d6	13.89	166	430493	35.97	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	537028	36.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	15868	6.86	ng/ul	0.00
58) Fluorene-d10	15.47	176	373965	35.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	59376	33.40	ng/ul	0.00
71) Anthracene-d10	17.32	188	579962	37.24	ng/ul	0.00
79) Pyrene-d10	19.61	212	651429	38.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	668320	42.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	1562	1.39	ng/uL#	86
20) Nitrobenzene	9.06	77	594976	120.24	ng/ul	98
23) 2-Nitrophenol	9.76	139	27308	11.38	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	142896	29.21	ng/ul	98
53) 4-Nitrophenol	14.67	109	3219	1.72	ng/ul	86
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	396509	85.19	ng/uL	99

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

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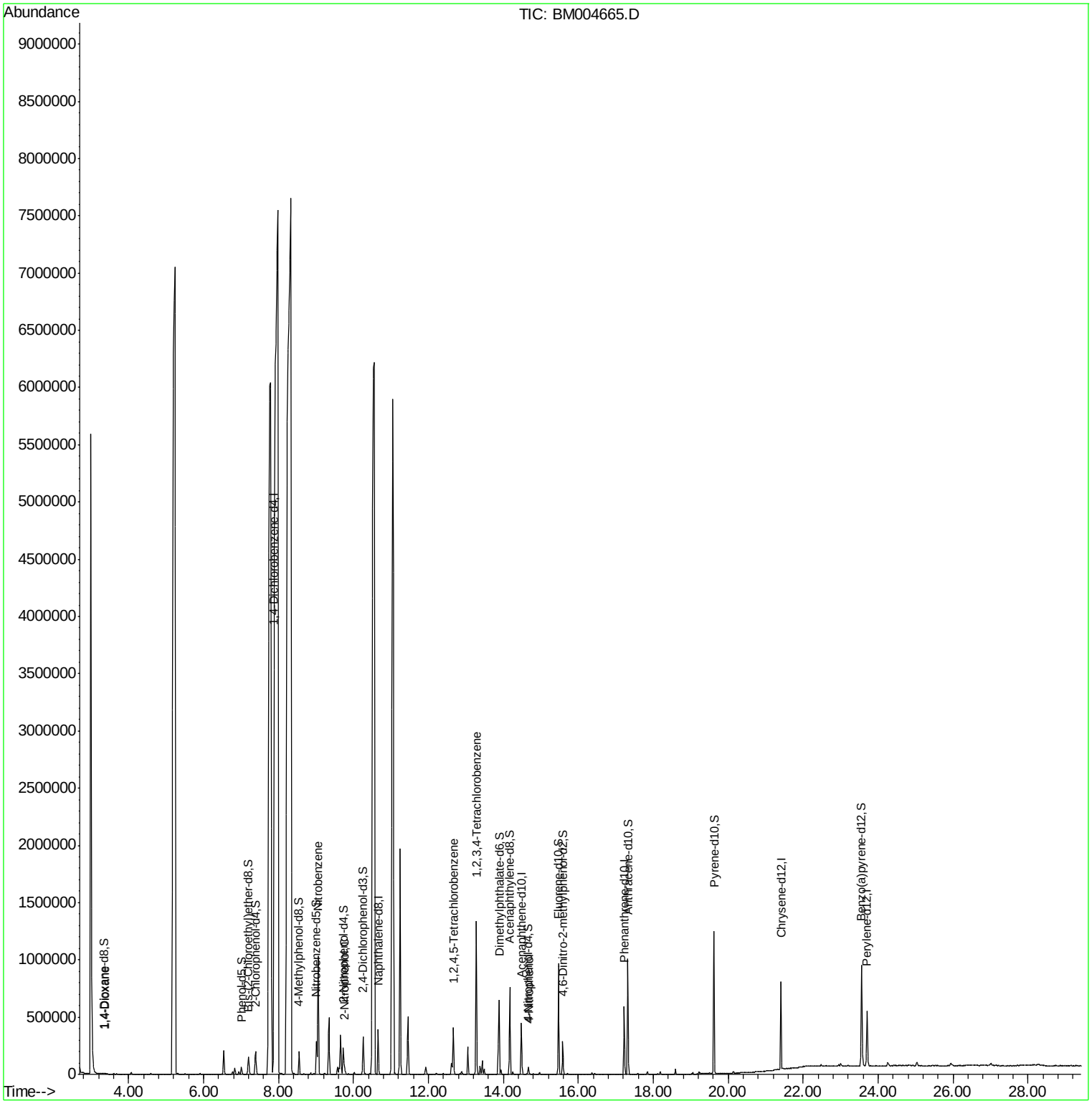
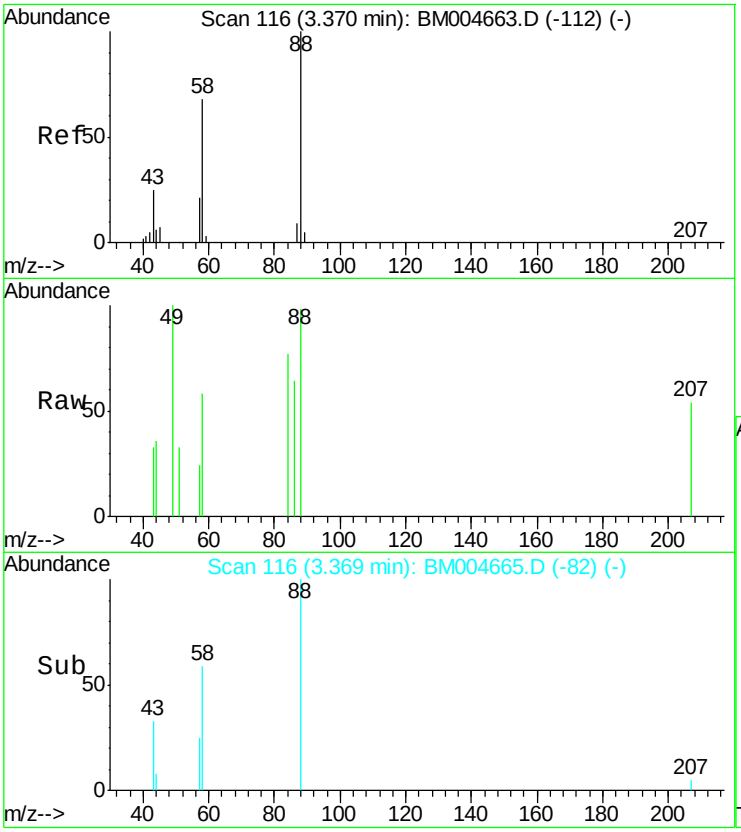


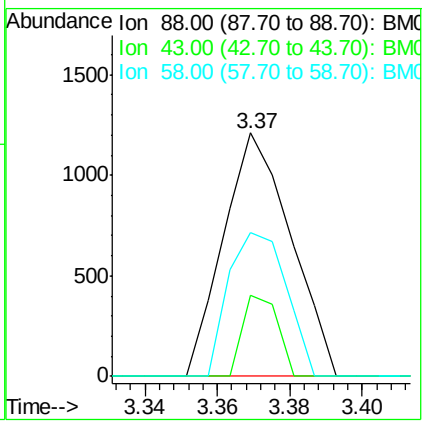


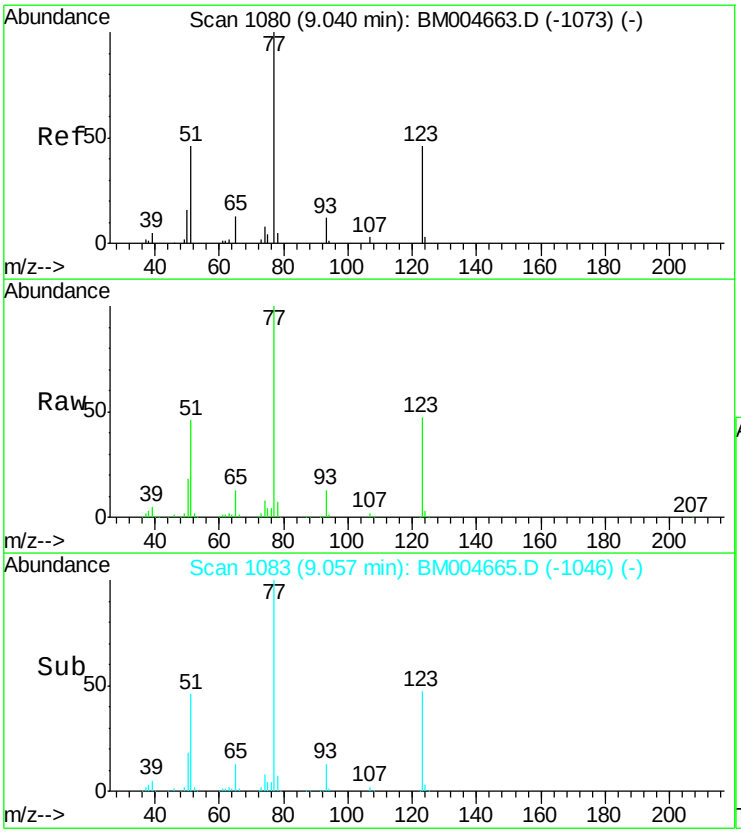
#2
1,4-Dioxane
Concen: 1.39 ng/uL
RT: 3.37 min Scan# 116
Delta R.T. -0.00 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Instrument :
BNA_M
ClientSampleId :
C0AA4RE

Tgt Ion: 88 Resp: 1562

Ion	Ratio	Lower	Upper
88	100		
43	17.2	21.0	31.6#
58	50.7	47.8	71.8

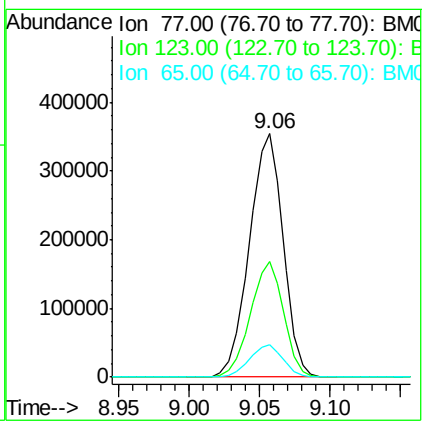


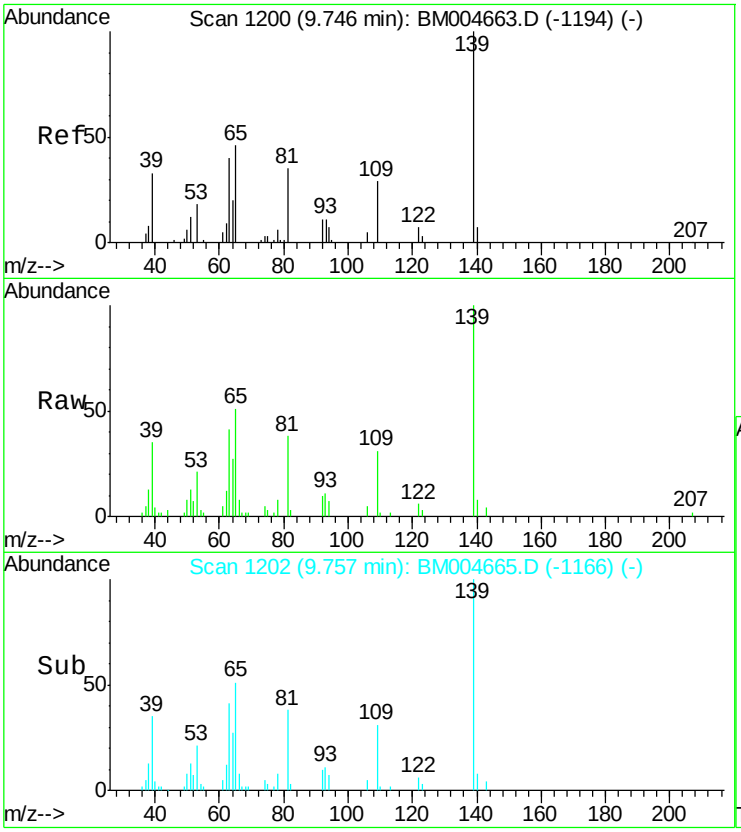


#20
Nitrobenzene
Concen: 120.24 ng/ul
RT: 9.06 min Scan# 1083
Delta R.T. 0.02 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Tgt Ion: 77 Resp: 594976

Ion	Ratio	Lower	Upper
77	100		
123	47.4	39.0	58.4
65	13.1	10.4	15.6



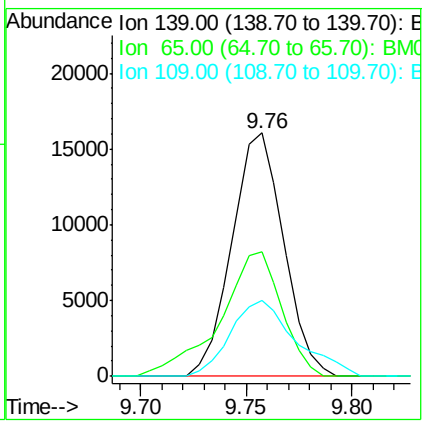


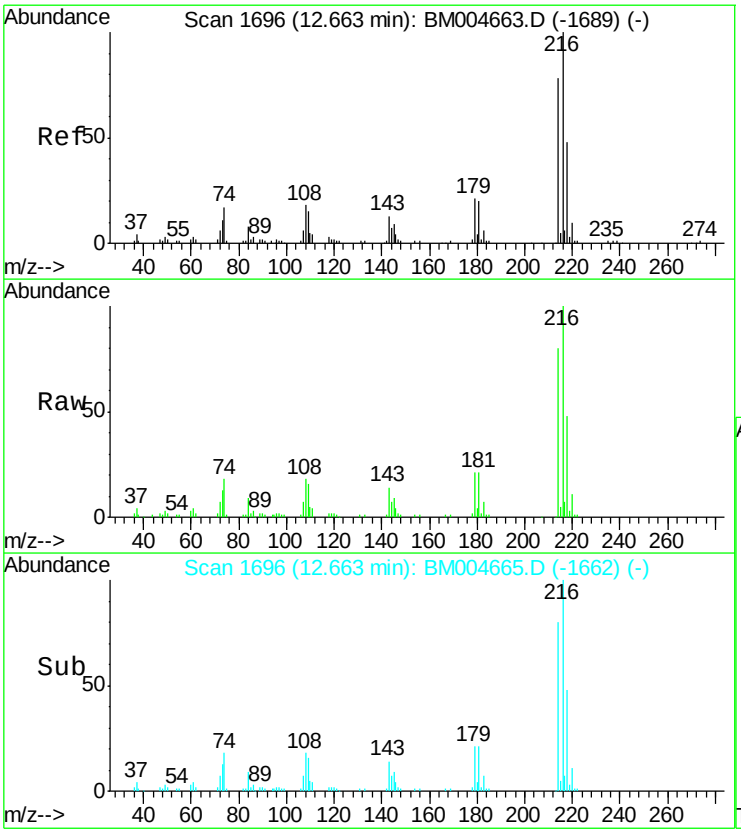
#23
2-Nitrophenol
Concen: 11.38 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Instrument :
BNA_M
ClientSampleId :
C0AA4RE

Tgt Ion:139 Resp: 27308

Ion	Ratio	Lower	Upper
139	100		
65	51.4	36.3	54.5
109	31.3	26.4	39.6

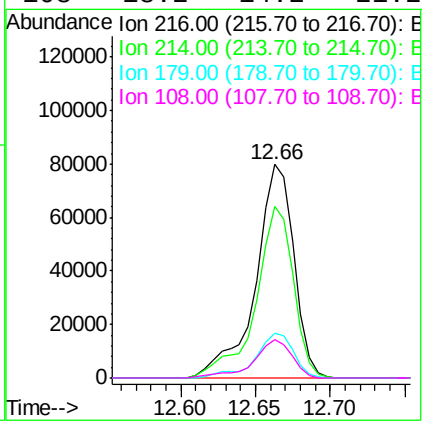


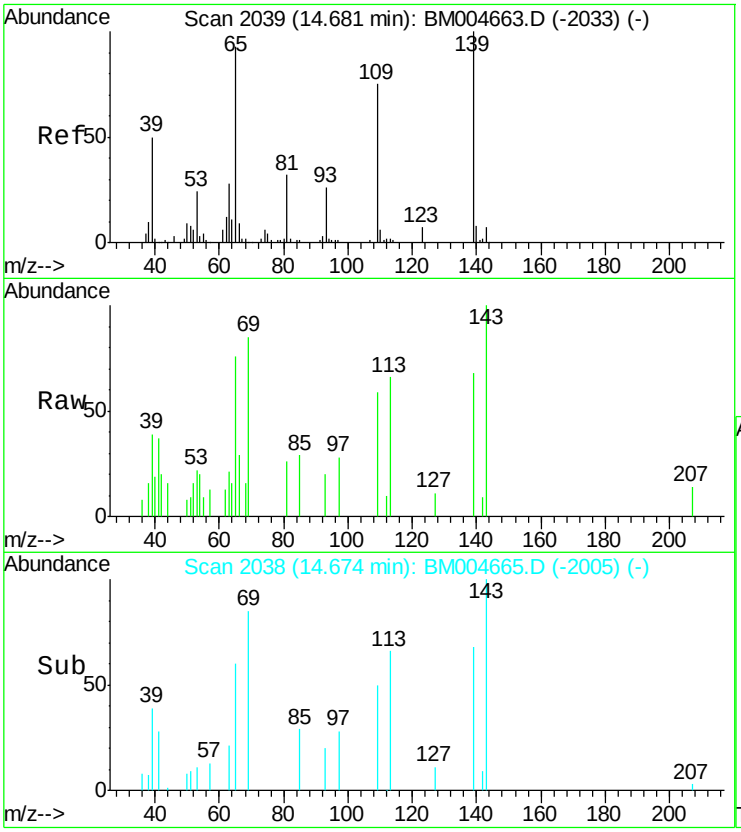


#37
1,2,4,5-Tetrachlorobenzene
Concen: 29.21 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Tgt Ion:216 Resp: 142896

Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.5	93.7
179	21.0	18.2	27.2
108	18.2	14.2	21.2



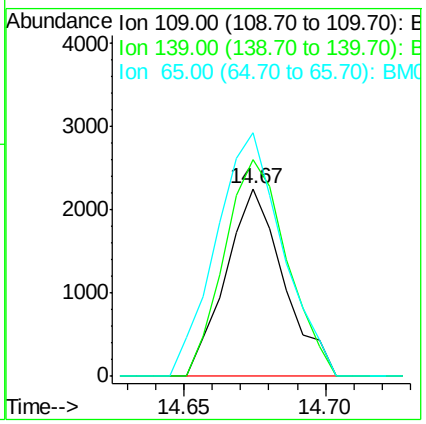


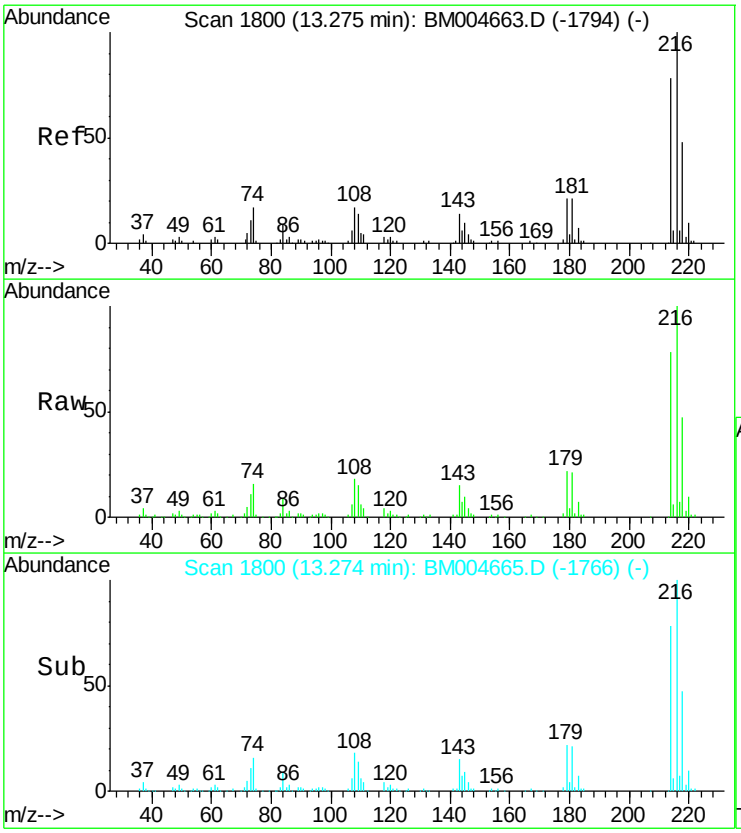
#53
4-Nitrophenol
Concen: 1.72 ng/ul
RT: 14.67 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Instrument :
BNA_M
ClientSampleId :
C0AA4RE

Tgt Ion:109 Resp: 3219

Ion	Ratio	Lower	Upper
109	100		
139	115.2	103.7	155.5
65	129.6	89.4	134.2





#73
1,2,3,4-Tetrachlorobenzene
Concen: 85.19 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BM004665.D
Acq: 17 Mar 2016 14:19

Tgt Ion:216 Resp: 396509

Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.5	93.7
218	47.3	38.4	57.6