Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032817\
Data File : BM009426.D
Acq On : 27 Mar 2017 23:22
Operator : SJ/MA
Sample : I2358-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK5DL

Quant Time: Mar 28 03:52:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 28 02:24:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	149130	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	508132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	280637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	643080	20.00	ng/ul	0.00
77) Chrysene-d12	21.41	240	881740	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	856227	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	739	0.19	ng/uL	0.00
5) Phenol-d5	7.00	99	12620	0.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	43727	4.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	32594	3.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	25709	2.55	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	19707	5.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	18993	4.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	37756	4.74	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.90	166	157510	7.98	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	173813	7.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2484	0.68	ng/ul	0.01
57) Fluorene-d10	15.49	176	137325	7.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	19044	4.69	ng/ul	0.00
70) Anthracene-d10	17.34	188	210090	6.85	ng/ul	0.00
78) Pyrene-d10	19.63	212	263962	7.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	273873	6.95	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.42	128	11260	1.17	ng/ul#	81
20) Nitrobenzene	9.06	77	279610	22.20	ng/ul#	80
23) 2-Nitrophenol	9.77	139	5057	1.18	ng/ul#	73
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	60518	6.42	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	208627	22.07	ng/uL	95

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

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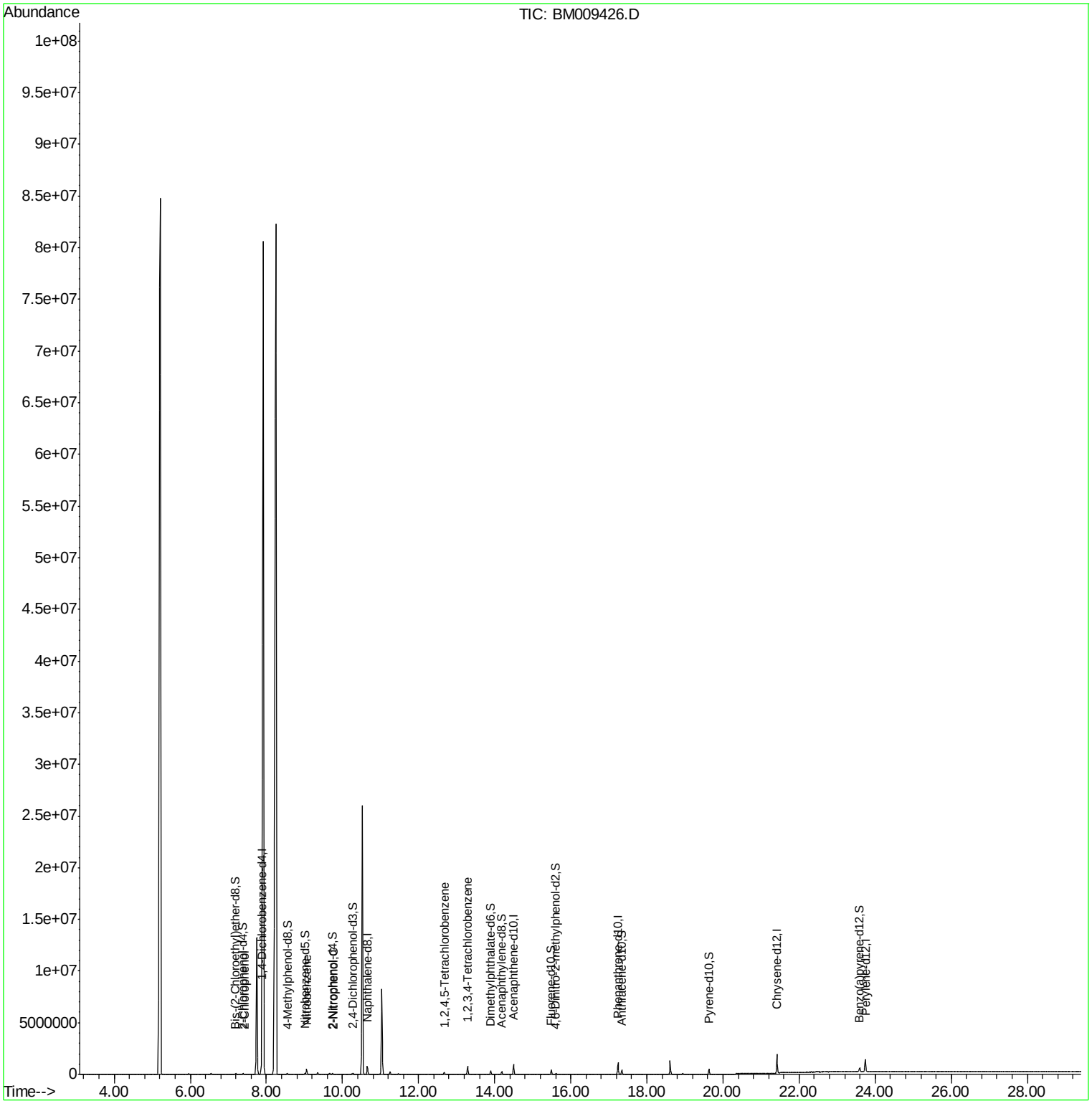
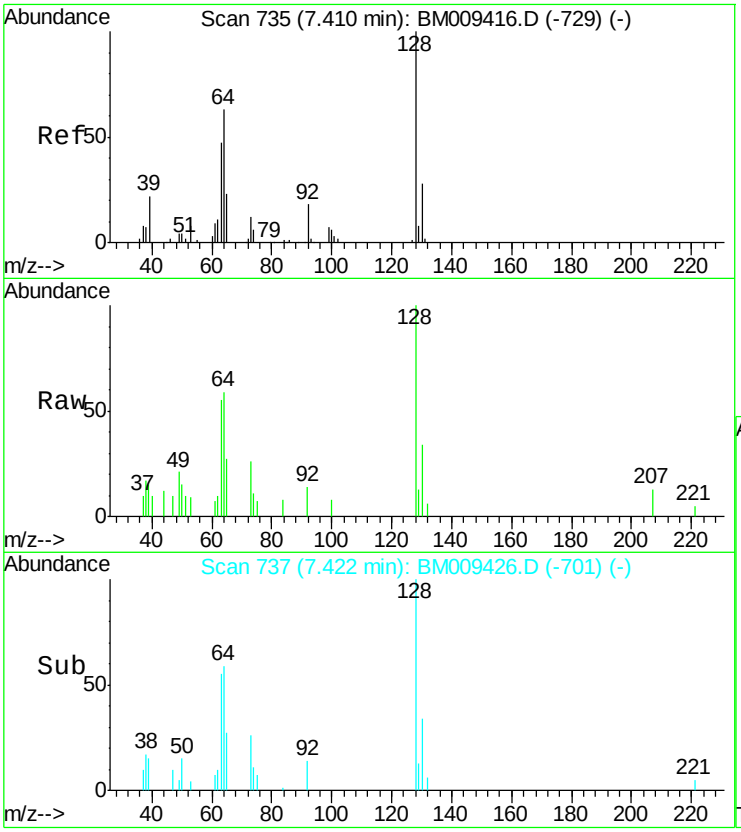


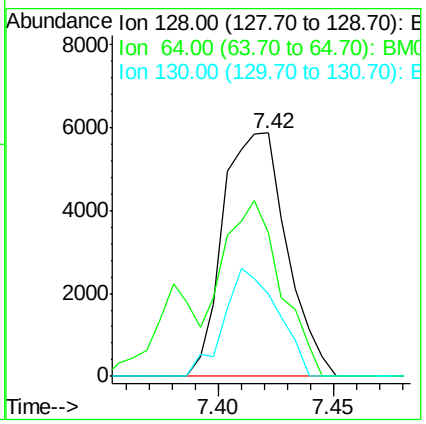


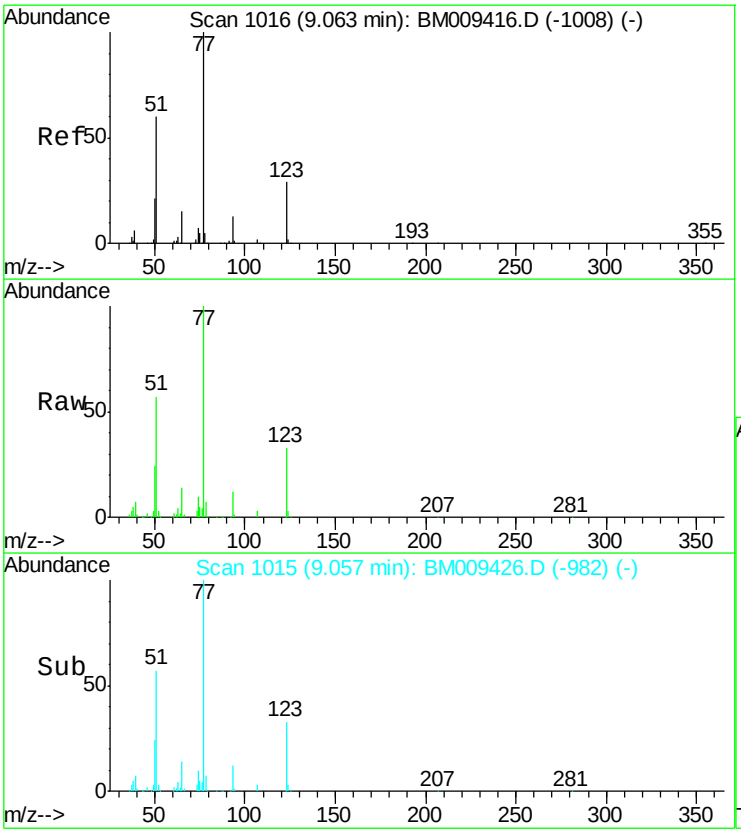
#10
2-Chlorophenol
Concen: 1.17 ng/ul
RT: 7.42 min Scan# 737
Delta R.T. 0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Instrument :
BNA_M
ClientSampleId :
C0BK5DL

Tgt Ion:128 Resp: 11260

Ion	Ratio	Lower	Upper
128	100		
64	59.0	31.9	47.9#
130	34.1	25.6	38.4

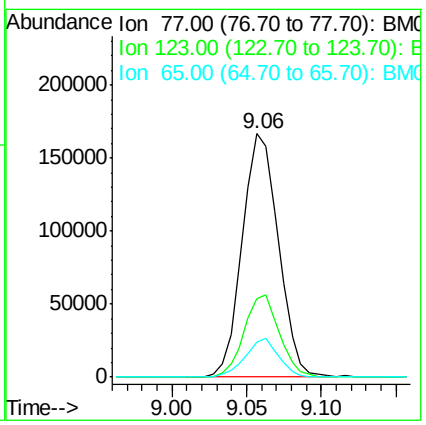


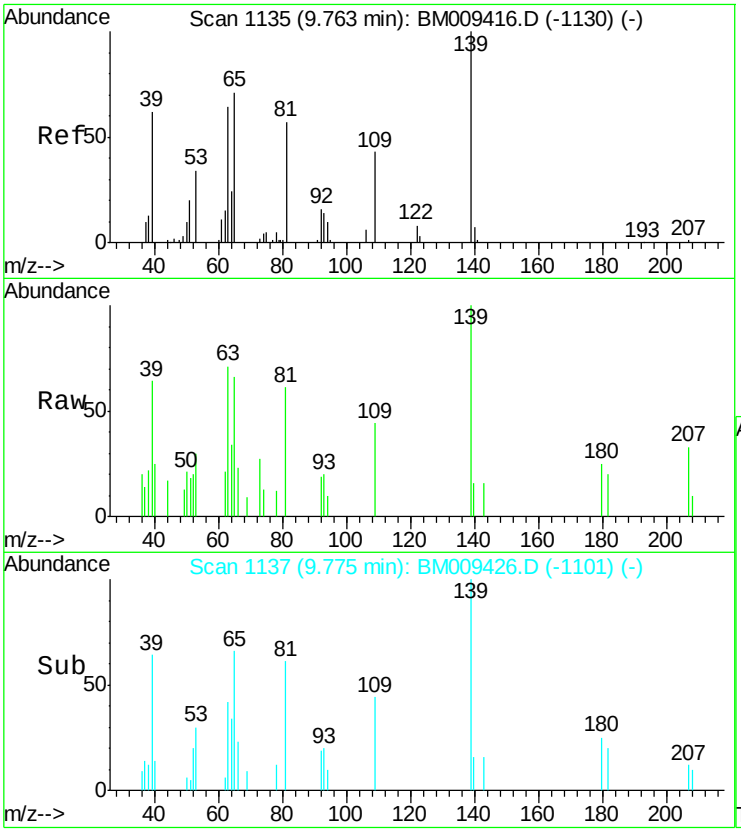


#20
Nitrobenzene
Concen: 22.20 ng/ul
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Tgt Ion: 77 Resp: 279610

Ion	Ratio	Lower	Upper
77	100		
123	32.5	39.0	58.4#
65	14.4	10.4	15.6



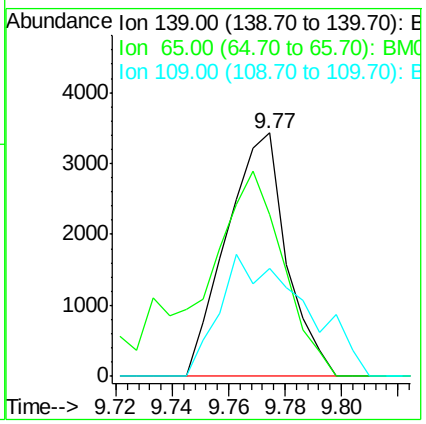


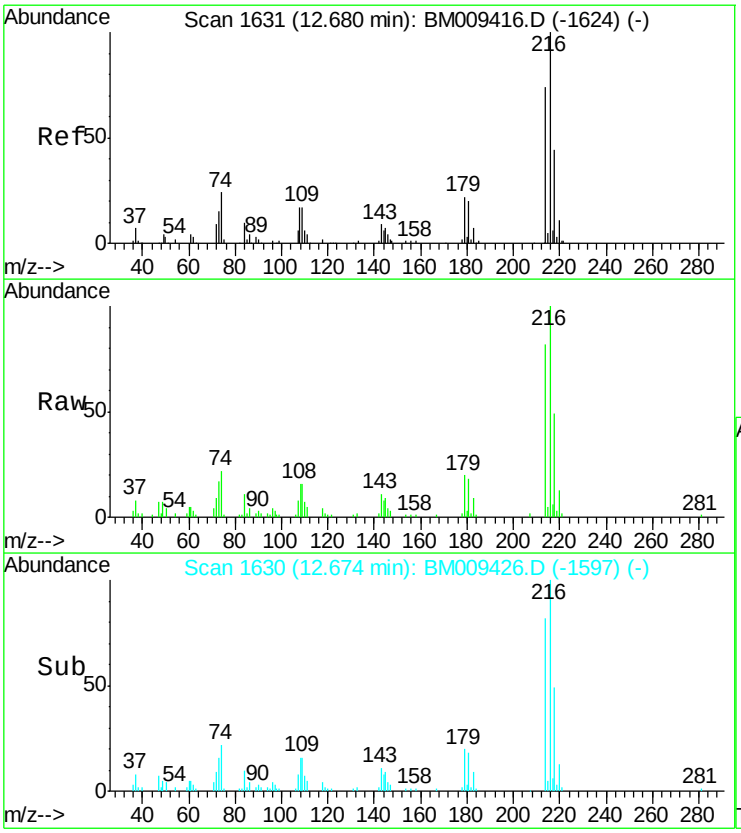
#23
2-Nitrophenol
Concen: 1.18 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Instrument :
BNA_M
ClientSampleId :
C0BK5DL

Tgt Ion:139 Resp: 5057

Ion	Ratio	Lower	Upper
139	100		
65	66.3	36.3	54.5#
109	44.1	26.4	39.6#

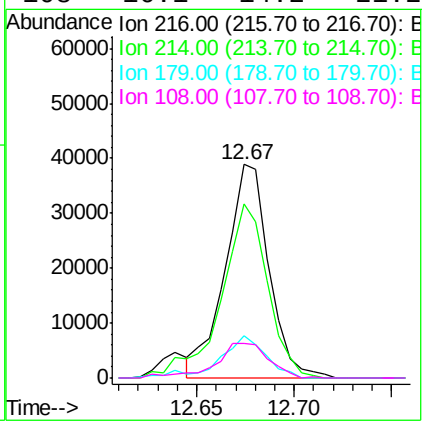


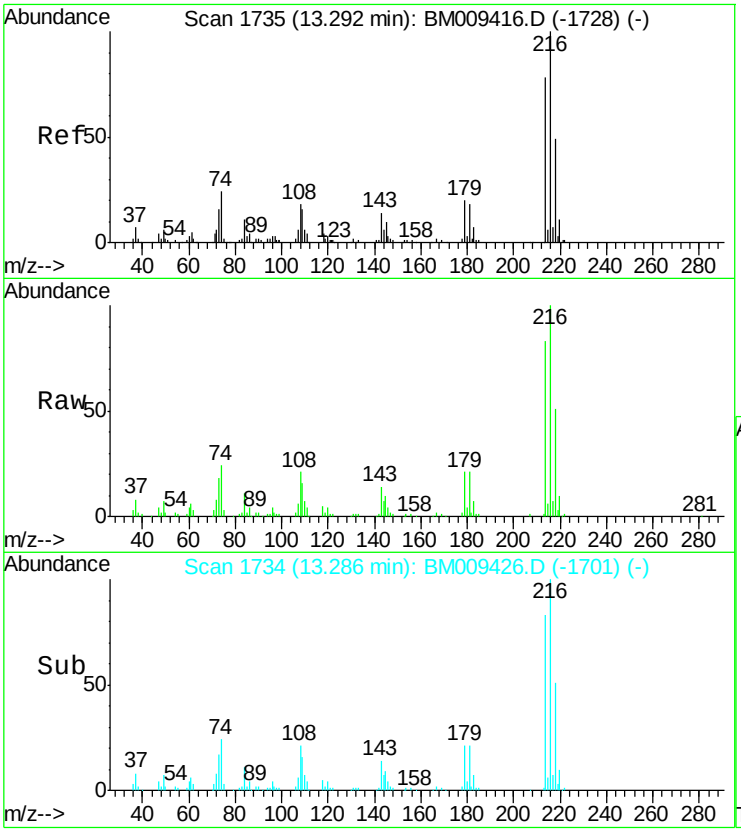


#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.42 ng/ul
RT: 12.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Tgt Ion:216 Resp: 60518

Ion	Ratio	Lower	Upper
216	100		
214	81.6	62.5	93.7
179	19.7	18.2	27.2
108	16.1	14.2	21.2





#72
1,2,3,4-Tetrachlorobenzene
Concen: 22.07 ng/uL
RT: 13.29 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Instrument :
BNA_M
ClientSampleId :
C0BK5DL

Tgt Ion:216 Resp: 208627

Ion	Ratio	Lower	Upper
216	100		
214	83.0	62.5	93.7
218	51.3	38.4	57.6