Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006404.D
Acq On : 19 Jun 2019 19:46
Operator : JU/SJ
Sample : K3224-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C57

Quant Time: Jun 20 11:18:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 05:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	123642	20.00	ng/ul	0.02
18) Naphthalene-d8	10.44	136	991051	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.29	164	590573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1324421	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1322822	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1524440	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	10499	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	195850	14.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	519130	63.70	ng/ul	0.02
9) 2-Chlorophenol-d4	7.18	132	512889	52.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.35	113	337527	32.32	ng/ul	0.01
19) Nitrobenzene-d5	8.80	128	315910	39.81	ng/ul	0.02
22) 2-Nitrophenol-d4	9.51	143	342956	39.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	558011	33.60	ng/ul	0.02
29) 4-Chloroaniline-d4	10.57	131	7889	0.41	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	1944204	37.56	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2358024	37.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68543	7.75	ng/ul	0.01
57) Fluorene-d10	15.29	176	1642997	37.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	295709	35.28	ng/ul	0.00
70) Anthracene-d10	17.14	188	2557568	38.36	ng/ul	0.00
78) Pyrene-d10	19.45	212	2910057	37.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	3273624	38.02	ng/ul	0.01
Target Compounds						Qvalue
20) Nitrobenzene	8.85	77	4106999	214.467	ng/ul	95
23) 2-Nitrophenol	9.54	139	35638	4.096	ng/ul	94
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	826687	47.195	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	2751513	154.371	ng/uL	97
73) Pentachlorobenzene	14.61	250	68837	3.873	ng/uL	98

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

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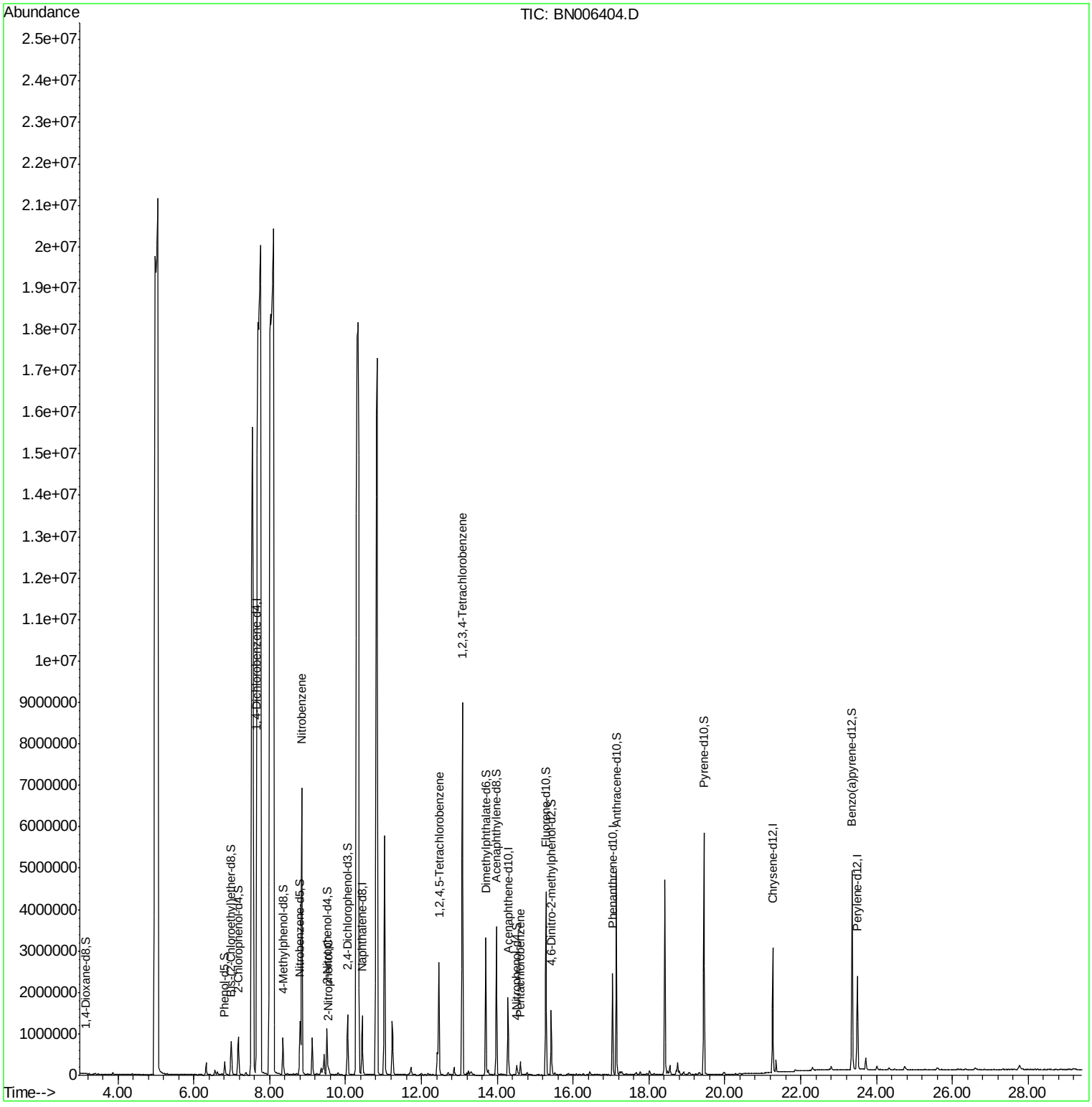
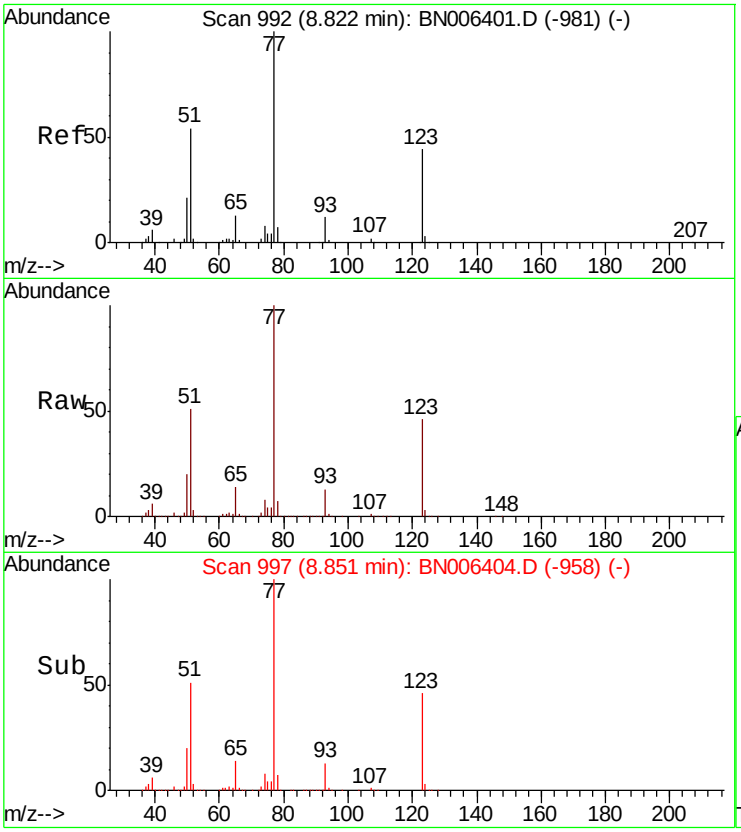


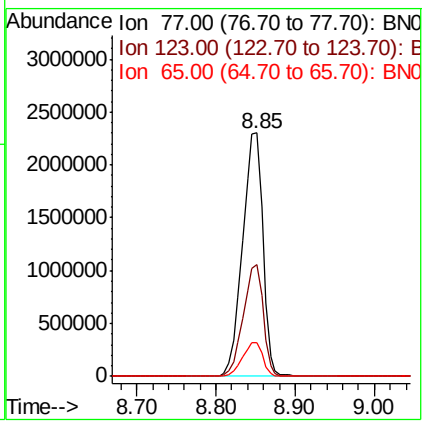


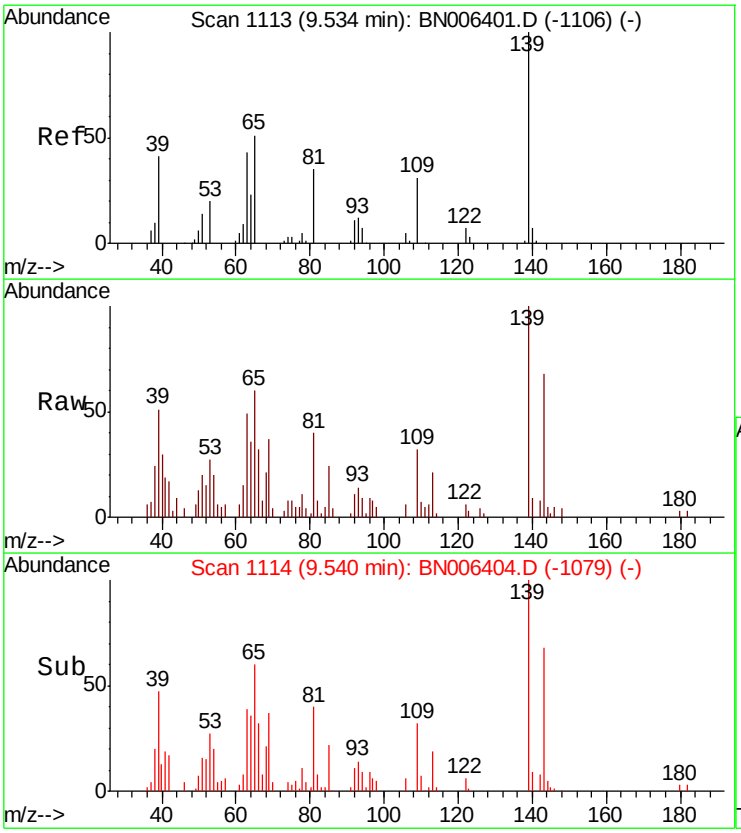
#20
Nitrobenzene
Concen: 214.467 ng/ul
RT: 8.85 min Scan# 997
Delta R.T. 0.03 min
Lab File: BN006404.D
Acq: 19 Jun 2019 19:46

Instrument :
BNA_N
ClientSampleId :
C0C57

Tgt Ion: 77 Resp: 4106999

Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.7	50.5
65	13.6	10.6	15.8

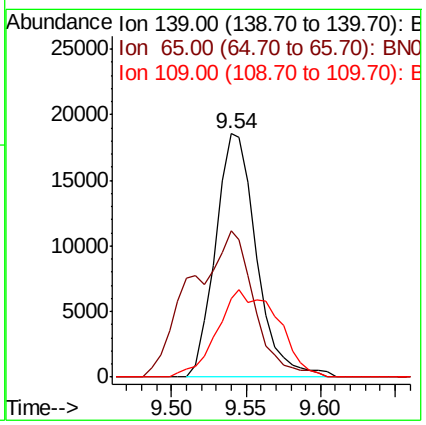


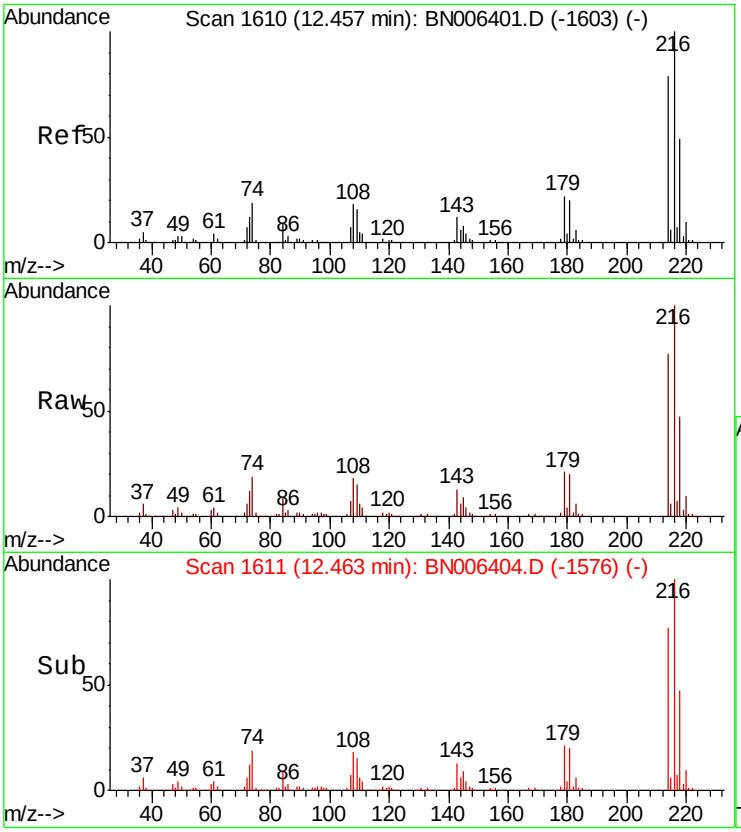


#23
2-Nitrophenol
Concen: 4.096 ng/ul
RT: 9.54 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BN006404.D
Acq: 19 Jun 2019 19:46

Tgt Ion:139 Resp: 35638

Ion	Ratio	Lower	Upper
139	100		
65	60.2	44.1	66.1
109	32.4	23.8	35.6



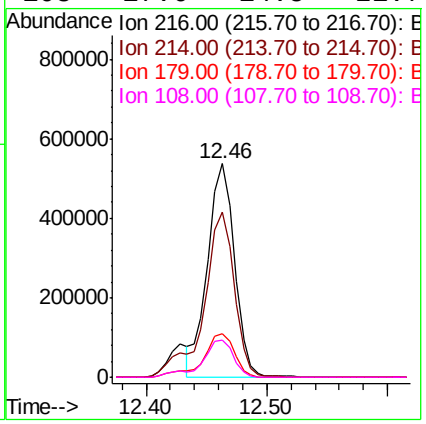


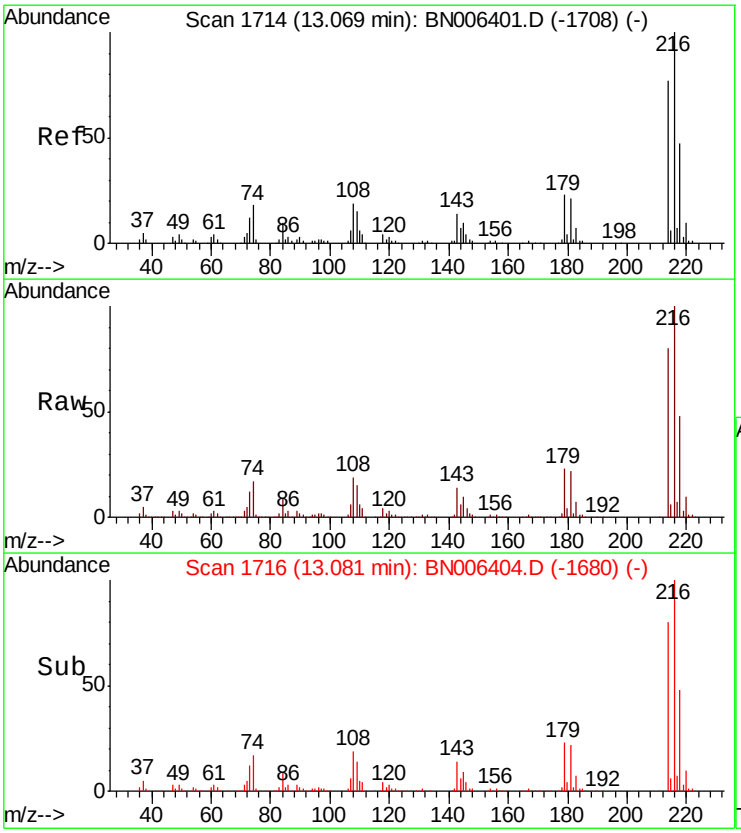
#36
1,2,4,5-Tetrachlorobenzene
Concen: 47.195 ng/ul
RT: 12.46 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BN006404.D
Acq: 19 Jun 2019 19:46

Instrument :
BNA_N
ClientSampleId :
C0C57

Tgt Ion:216 Resp: 826687

Ion	Ratio	Lower	Upper
216	100		
214	77.4	61.4	92.0
179	20.6	16.9	25.3
108	17.6	14.5	21.7

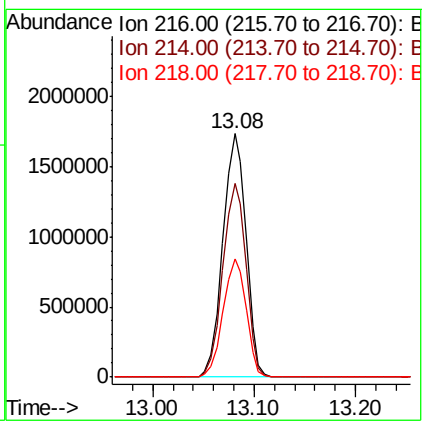


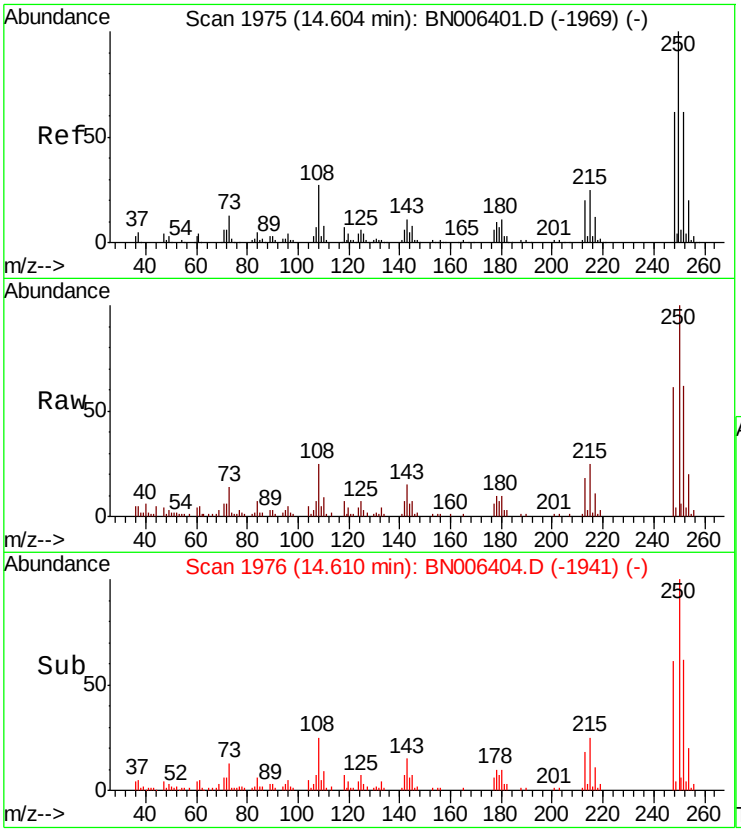


#72
1,2,3,4-Tetrachlorobenzene
Concen: 154.371 ng/uL
RT: 13.08 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BN006404.D
Acq: 19 Jun 2019 19:46

Tgt Ion:216 Resp: 2751513

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.1	93.1
218	48.4	37.2	55.8





#73
Pentachlorobenzene
Concen: 3.873 ng/uL
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BN006404.D
Acq: 19 Jun 2019 19:46

Instrument :
BNA_N
ClientSampleId :
C0C57

Tgt Ion:250 Resp: 68837

Ion	Ratio	Lower	Upper
250	100		
248	61.5	50.0	75.0
252	61.6	50.9	76.3