Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081018\
Data File : BN002299.D
Acq On : 10 Aug 2018 22:33
Operator : JU/SJ
Sample : J4406-05DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0853DL

Quant Time: Aug 13 10:38:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 11 00:34:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	256556	20.00	ng/ul	0.03
18) Naphthalene-d8	10.46	136	1093587	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.32	164	596638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1117027	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	865271	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	871987	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7872	1.38	ng/uL	0.01
5) Phenol-d5	6.87	99	28562	1.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	93819	6.37	ng/ul	0.02
9) 2-Chlorophenol-d4	7.23	132	91176	4.78	ng/ul	0.02
13) 4-Methylphenol-d8	8.39	113	57898	2.98	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	60114	6.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	61611	6.01	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.09	165	100717	5.43	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	354379	7.01	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	436181	6.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	4981	0.52	ng/ul	0.03
57) Fluorene-d10	15.31	176	297817	6.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	28979	3.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	407144	7.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	366137	8.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	324101	6.88	ng/ul	-0.01
Target Compounds						Qvalue
10) 2-Chlorophenol	7.26	128	22673	1.191	ng/ul#	87
20) Nitrobenzene	8.88	77	651051	31.220	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	243269	12.574	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	691247	41.502	ng/uL	97

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

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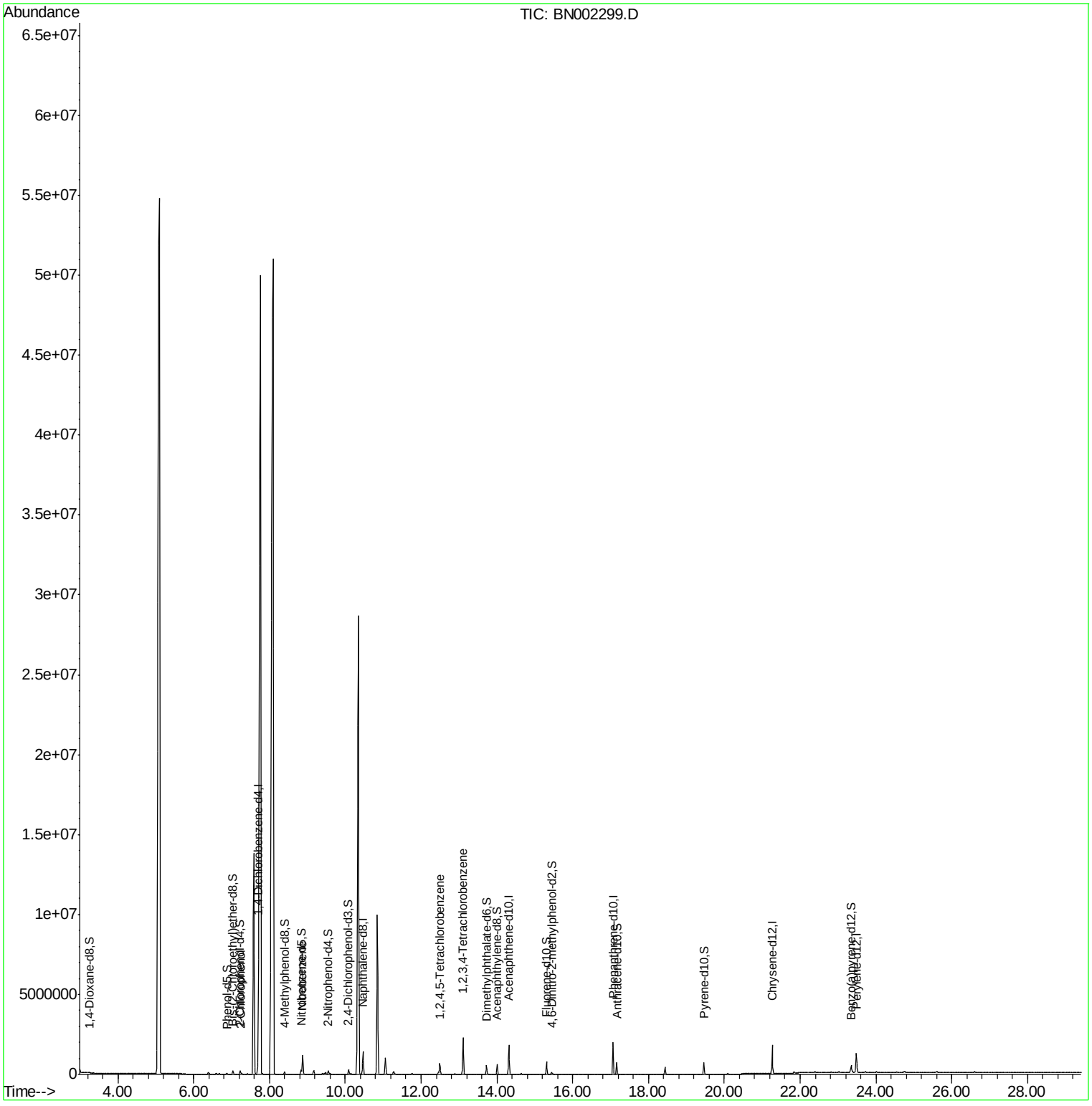
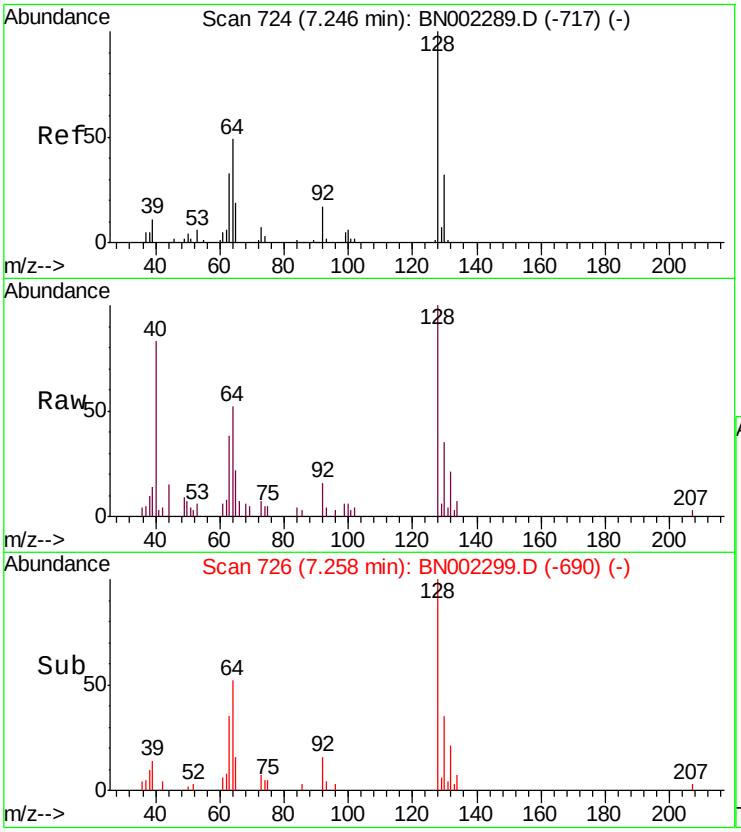


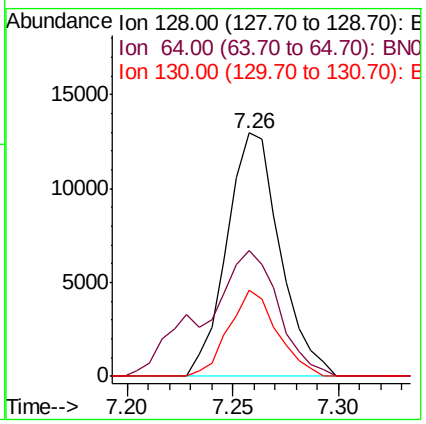


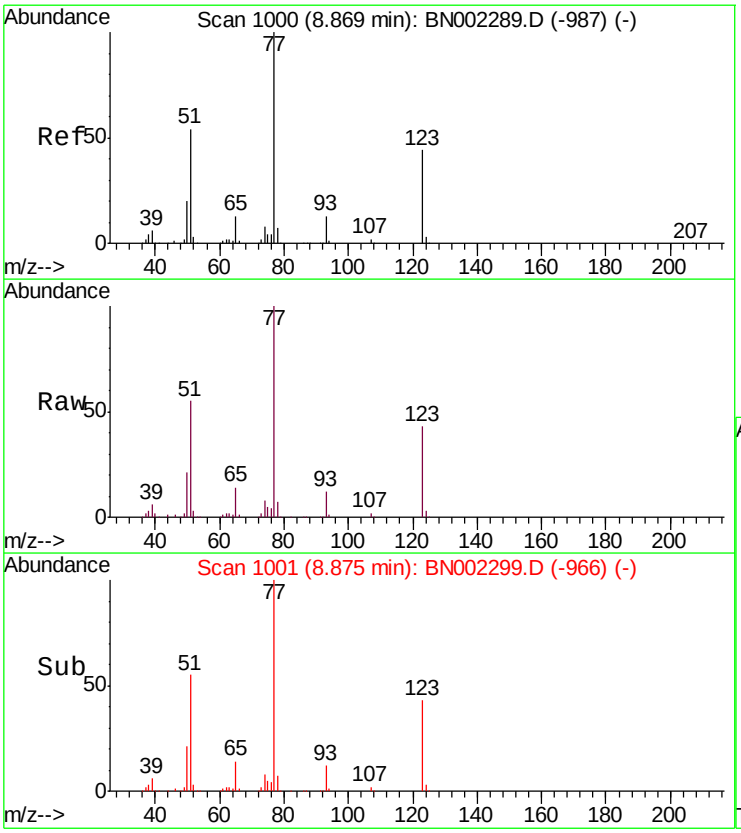
#10
2-Chlorophenol
Concen: 1.191 ng/ul
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Instrument :
BNA_N
ClientSampleId :
C0853DL

Tgt Ion:128 Resp: 22673

Ion	Ratio	Lower	Upper
128	100		
64	51.8	31.9	47.9#
130	35.5	25.6	38.4

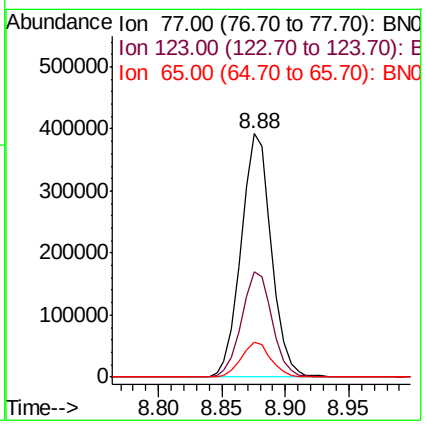


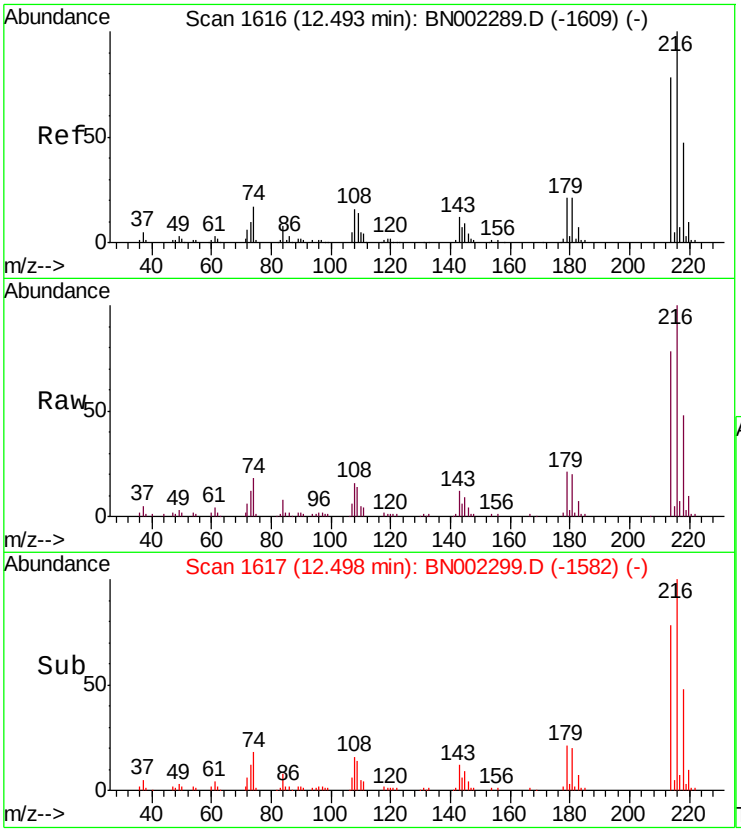


#20
Nitrobenzene
Concen: 31.220 ng/ul
RT: 8.88 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Tgt Ion: 77 Resp: 651051

Ion	Ratio	Lower	Upper
77	100		
123	43.4	39.0	58.4
65	14.4	10.4	15.6



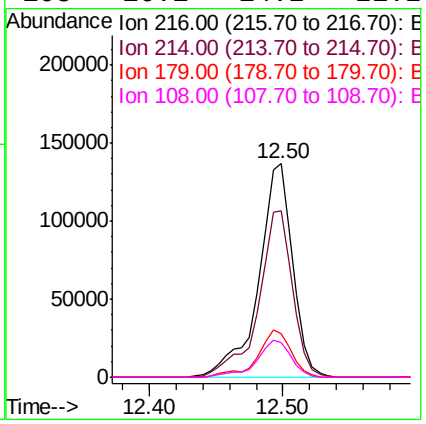


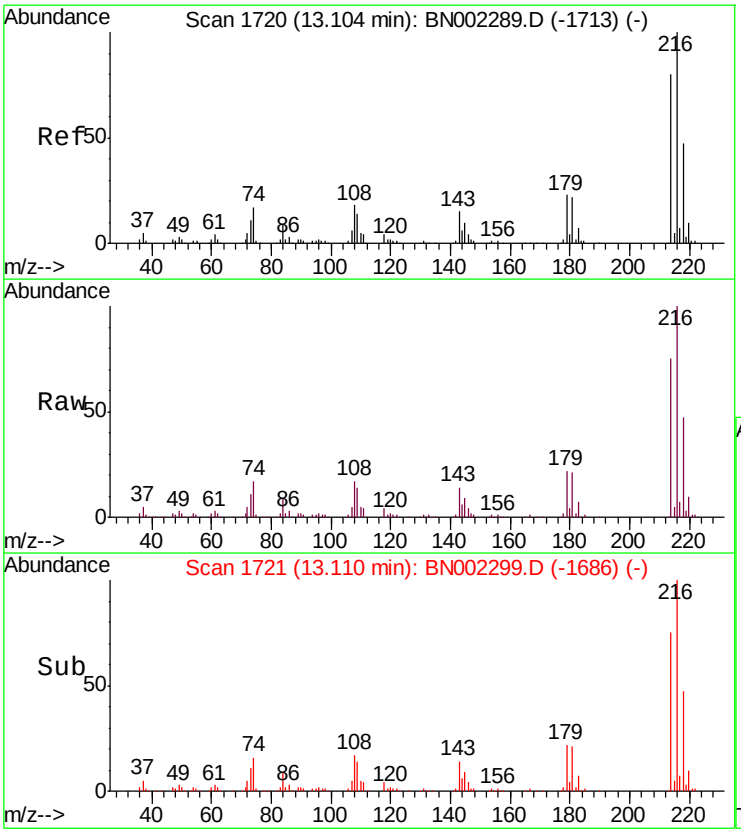
#36
1,2,4,5-Tetrachlorobenzene
Concen: 12.574 ng/ul
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Instrument :
BNA_N
ClientSampleId :
C0853DL

Tgt Ion:216 Resp: 243269

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
179	20.6	18.2	27.2
108	16.1	14.2	21.2





#72
1,2,3,4-Tetrachlorobenzene
Concen: 41.502 ng/uL
RT: 13.11 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BN002299.D
Acq: 10 Aug 2018 22:33

Tgt Ion:216 Resp: 691247

Ion	Ratio	Lower	Upper
216	100		
214	75.5	62.5	93.7
218	46.7	38.4	57.6