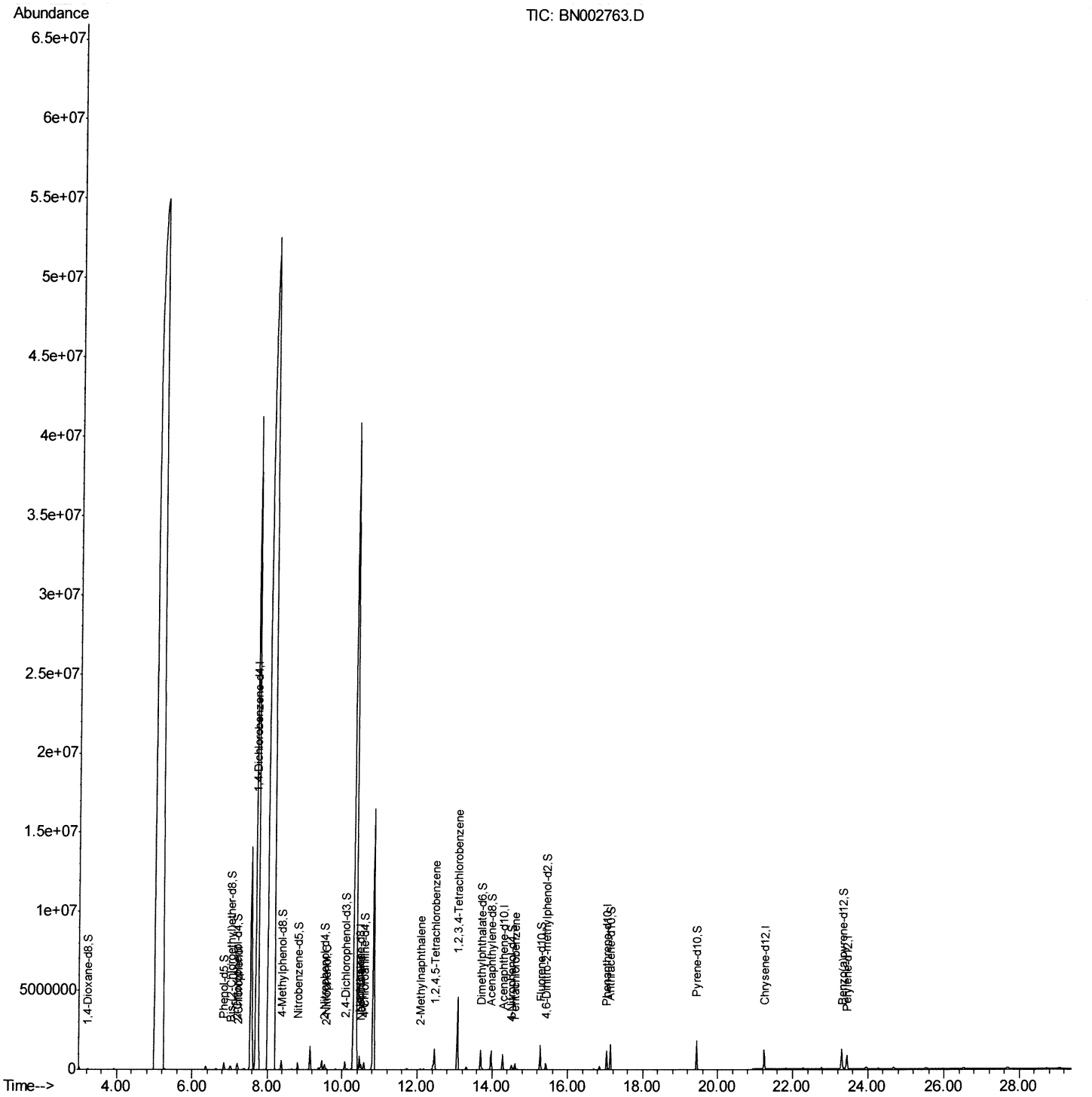
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002763.D
Acq On : 18 Sep 2018 21:30
Operator : JU/SJ
Sample : J4896-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 03:06:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C08L2

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:23 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002763.D
Acq On : 18 Sep 2018 21:30
Operator : JU/SJ
Sample : J4896-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 02:10:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration

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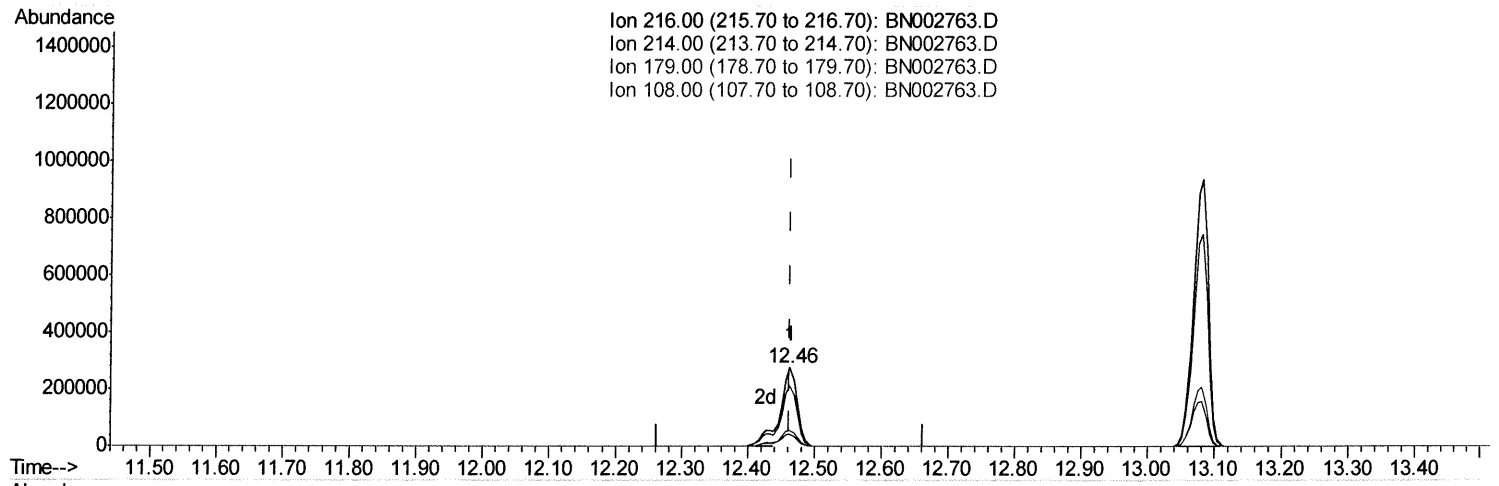
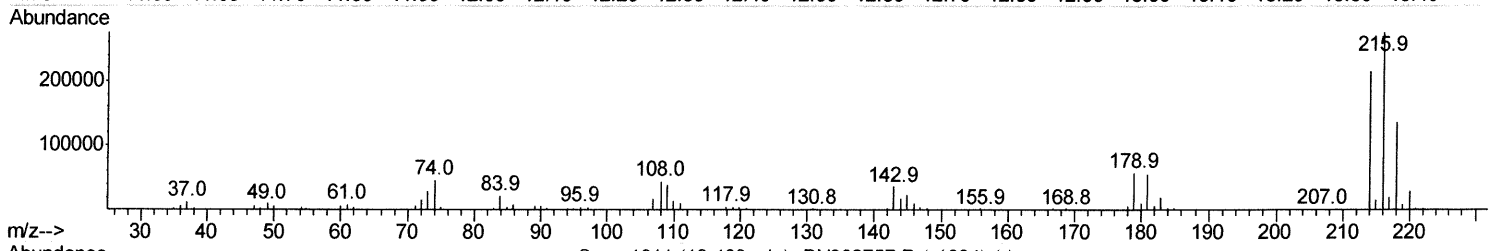
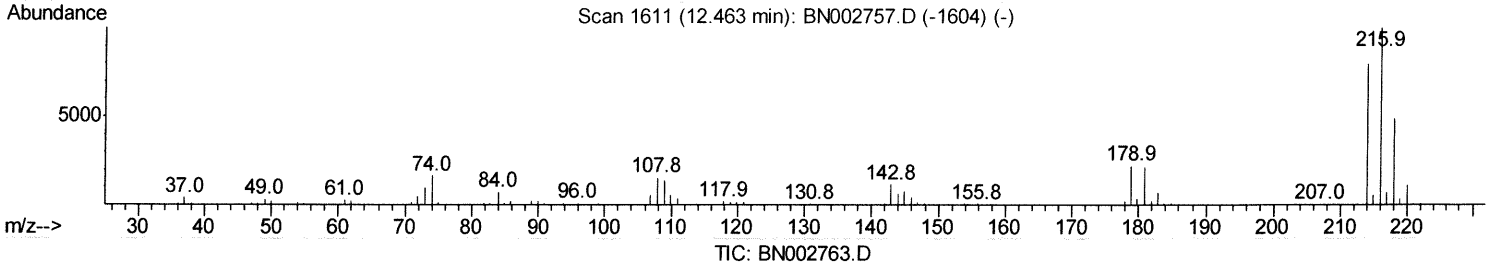
BNA_N
ClientSampleId :
C08L2

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:23 PM





Scan 1611 (12.463 min): BN002757.D (-1604) (-)



TIC: BN002763.D

(36) 1,2,4,5-Tetrachlorobenzene

12.463min (+0.000) 38.16ng/ul

response 420283

Ion	Exp%	Act%
216.00	100	100
214.00	79.40	78.03
179.00	20.60	20.76
108.00	16.80	16.18

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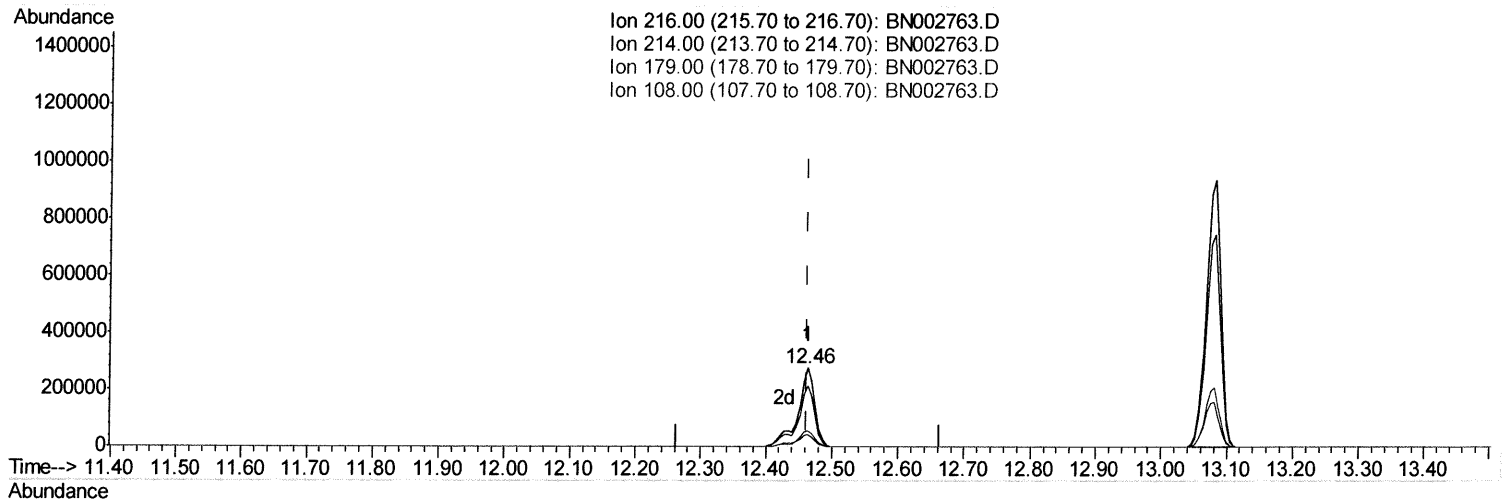
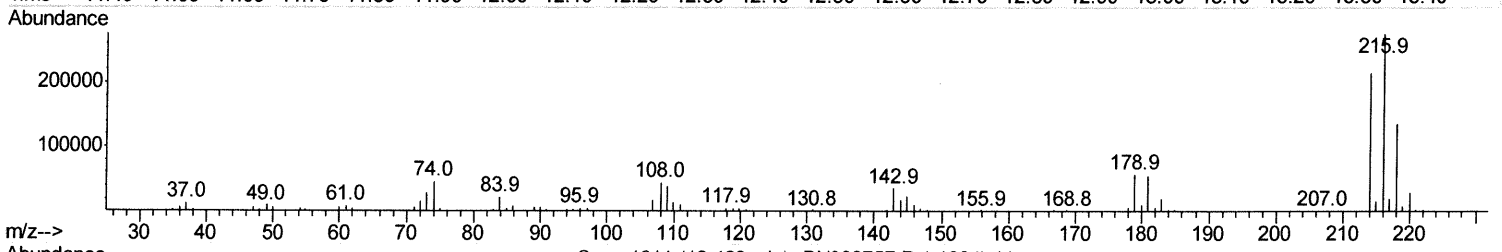
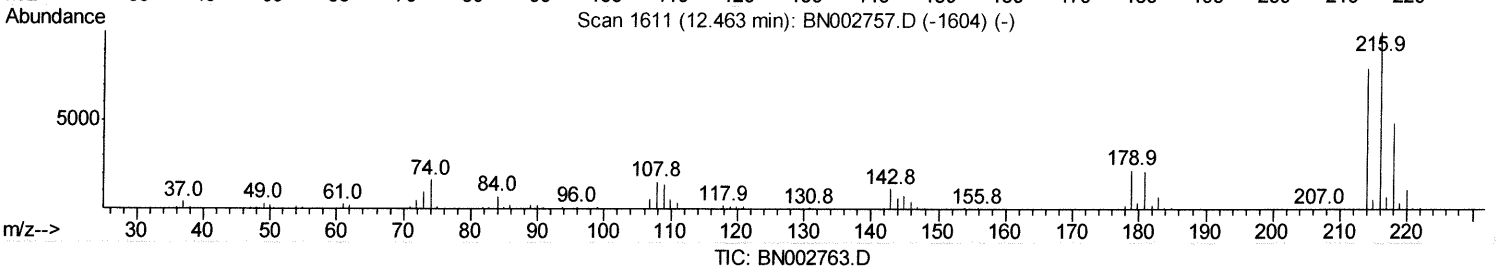
Quant Time: Sep 19 02:10:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C08L2

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:23 PM







TIC: BN002763.D

(36) 1,2,4,5-Tetrachlorobenzene

12.463min (+0.000) 45.75ng/ul m SJ 9/20/18

response 503911

Ion	Exp%	Act%
216.00	100	100
214.00	79.40	78.03
179.00	20.60	20.76
108.00	16.80	16.18

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:57:24 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C08L2

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	141626	20.00	ng/ul	0.04
18) Naphthalene-d8	10.45	136	602263	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.28	164	331546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	697316	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	609349	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	600028	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28821	9.39	ng/uL	0.00
5) Phenol-d5	6.84	99	278899	23.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	179180	23.99	ng/ul	0.02
9) 2-Chlorophenol-d4	7.20	132	237612	24.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.37	113	224062	24.05	ng/ul	0.01
19) Nitrobenzene-d5	8.81	128	113252	24.28	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	127406	24.13	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.07	165	223094	23.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.58	131	261655	23.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	697492	26.88	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	828286	24.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	99627	23.22	ng/ul	0.00
57) Fluorene-d10	15.28	176	598140	26.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	100119	22.95	ng/ul	0.00
70) Anthracene-d10	17.13	188	890979	26.76	ng/ul	0.00
78) Pyrene-d10	19.43	212	900467	28.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	861957	27.29	ng/ul	0.00
Target Compounds						Qvalue
10) 2-Chlorophenol	7.23	128	17633	1.795	ng/ul	93
23) 2-Nitrophenol	9.56	139	8290	1.517	ng/ul#	86
28) Naphthalene	10.49	128	235861	7.598	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	28694	1.323	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	503911m	45.752	ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	1448165	121.563	ng/uL	98
73) Pentachlorobenzene	14.61	250	109134	10.260	ng/uL	100

SJ 9/20/18

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