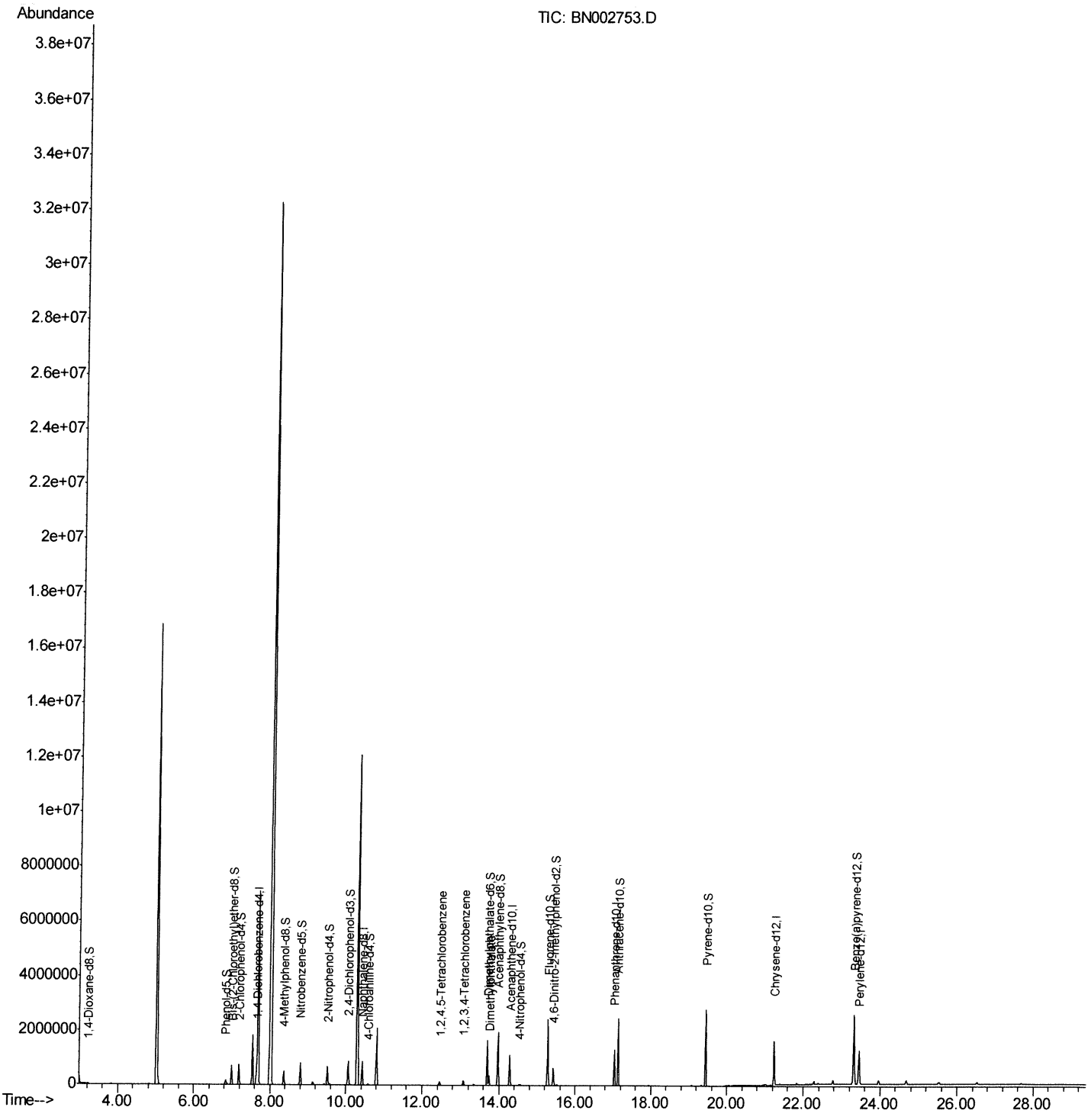
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002753.D
Acq On : 18 Sep 2018 15:39
Operator : JU/SJ
Sample : J4893-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 19 01:32:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:15:51 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C08N9

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:01 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002753.D
Acq On : 18 Sep 2018 15:39
Operator : JU/SJ
Sample : J4893-12
Misc :
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Quant Time: Sep 19 01:16:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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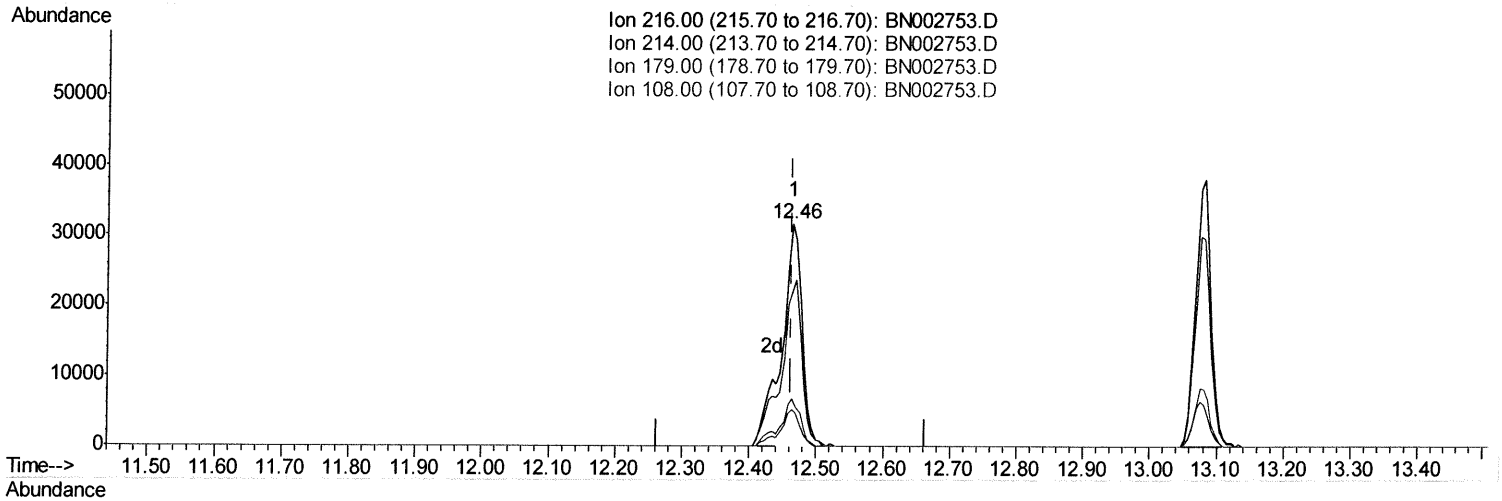
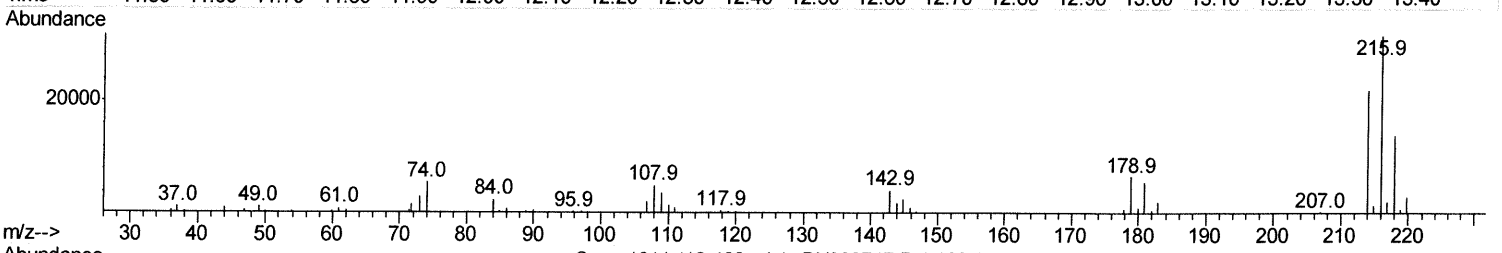
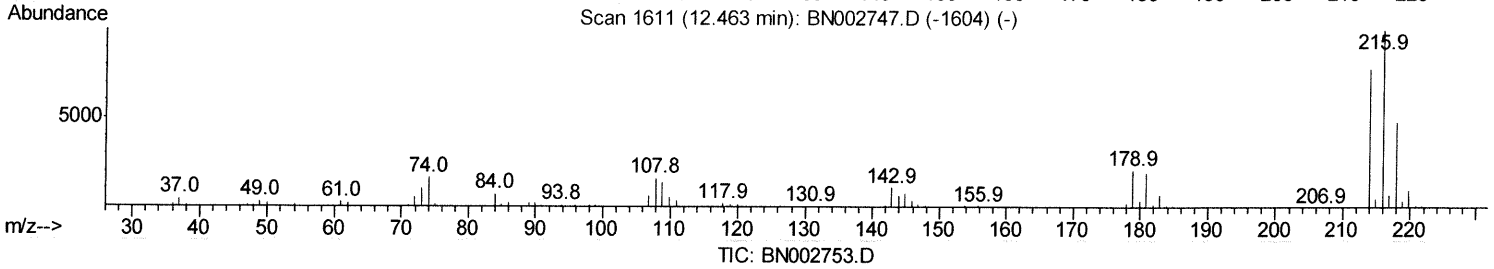
9/19/2018 5:12:01 PM





Scan 1611 (12.463 min): BN002747.D (-1604) (-)



TIC: BN002753.D

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

12.463min (+0.000) 4.43ng/ul

response 54645

Ion	Exp%	Act%
216.00	100	100
214.00	79.40	69.47
179.00	20.60	21.31
108.00	16.80	16.12

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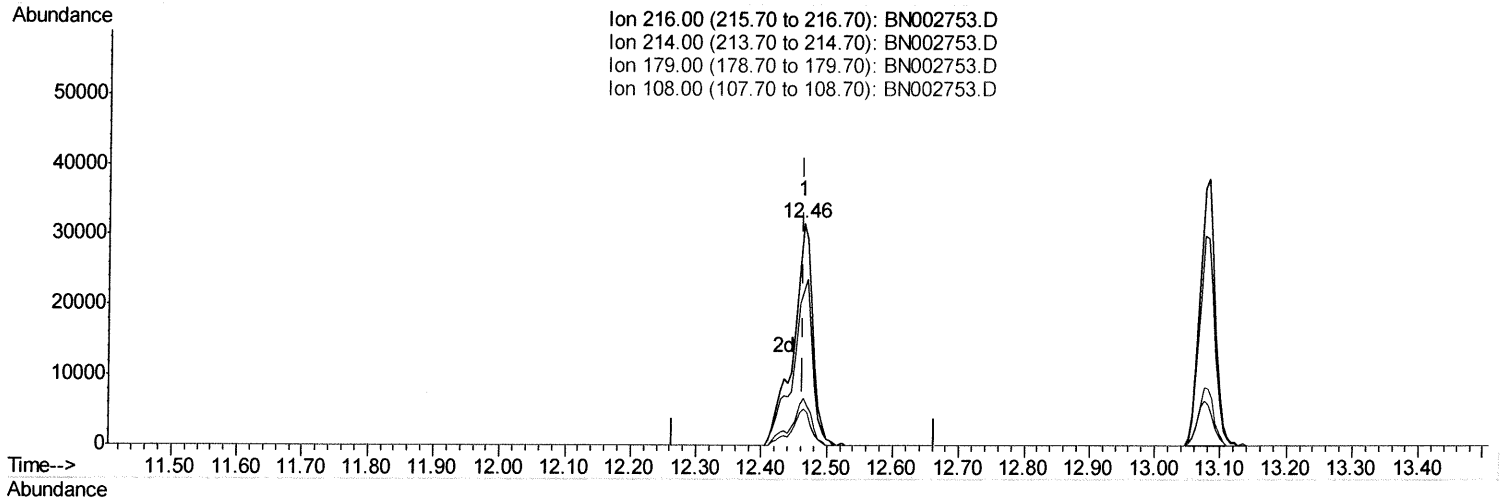
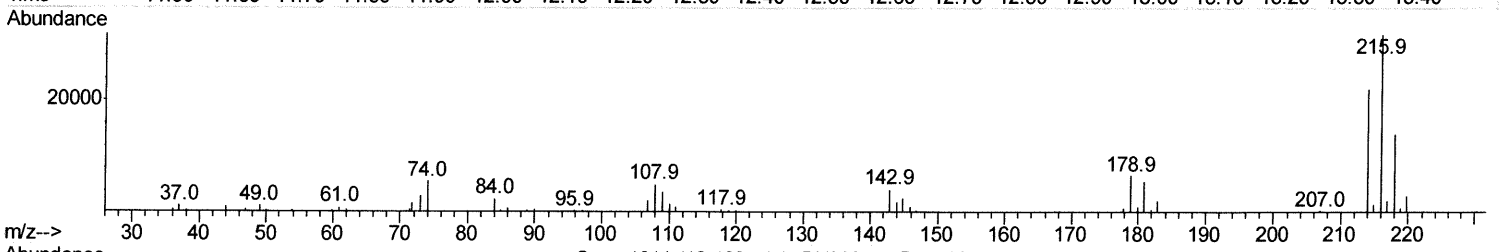
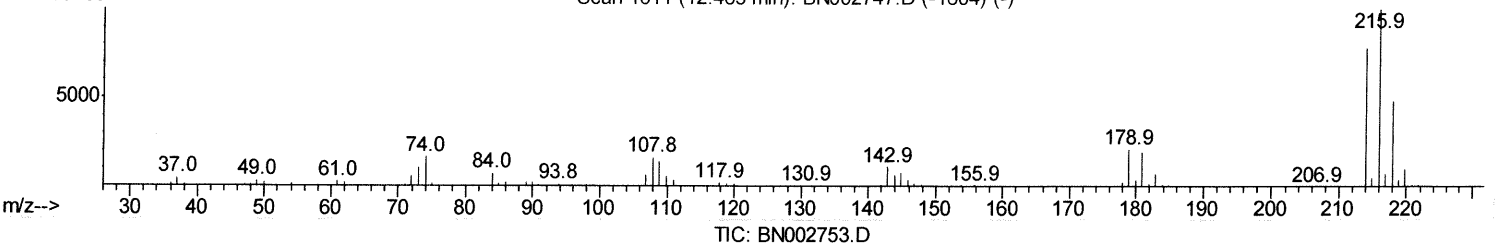
Instrument :
BNA_N
ClientSampleId :
C08N9

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:01 PM





Scan 1611 (12.463 min): BN002747.D (-1604) (-)



TIC: BN002753.D

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

12.463min (+0.000) 5.42ng/ul m 9/19/20/18

response 66857

Ion	Exp%	Act%
216.00	100	100
214.00	79.40	69.47
179.00	20.60	21.31
108.00	16.80	16.12

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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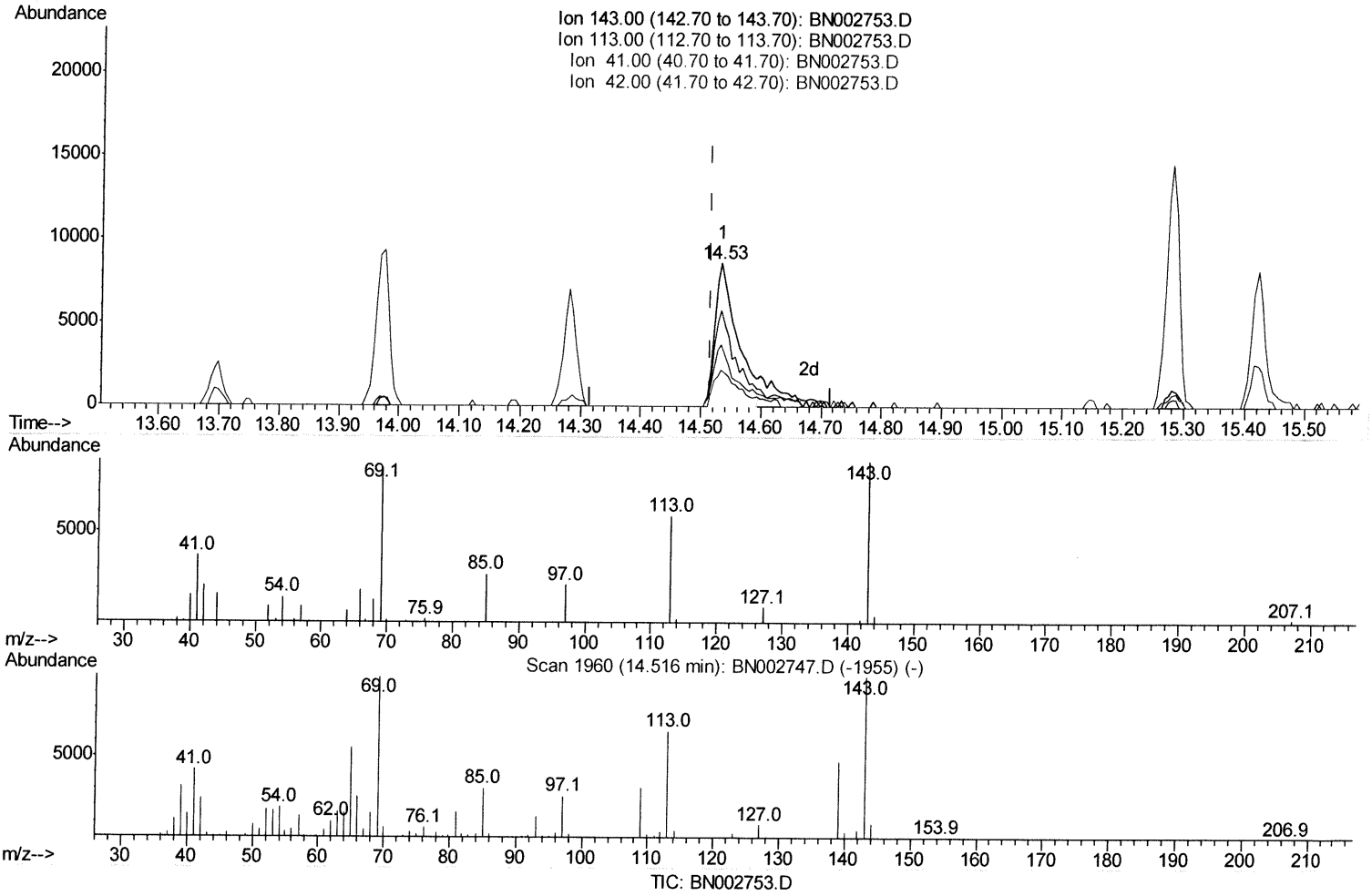
Instrument :
BNA_N
ClientSampleId :
C08N9

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:01 PM



Scan 1960 (14.516 min): BN002747.D (-1955) (-)

TIC: BN002753.D

(51) 4-Nitrophenol-d4 (S)

14.534min (+0.018) 4.56ng/ul

response 21934

Ion	Exp%	Act%
143.00	100	100
113.00	66.10	67.24
41.00	39.90	43.11
42.00	25.80	25.30

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
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Operator : JU/SJ
Sample : J4893-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

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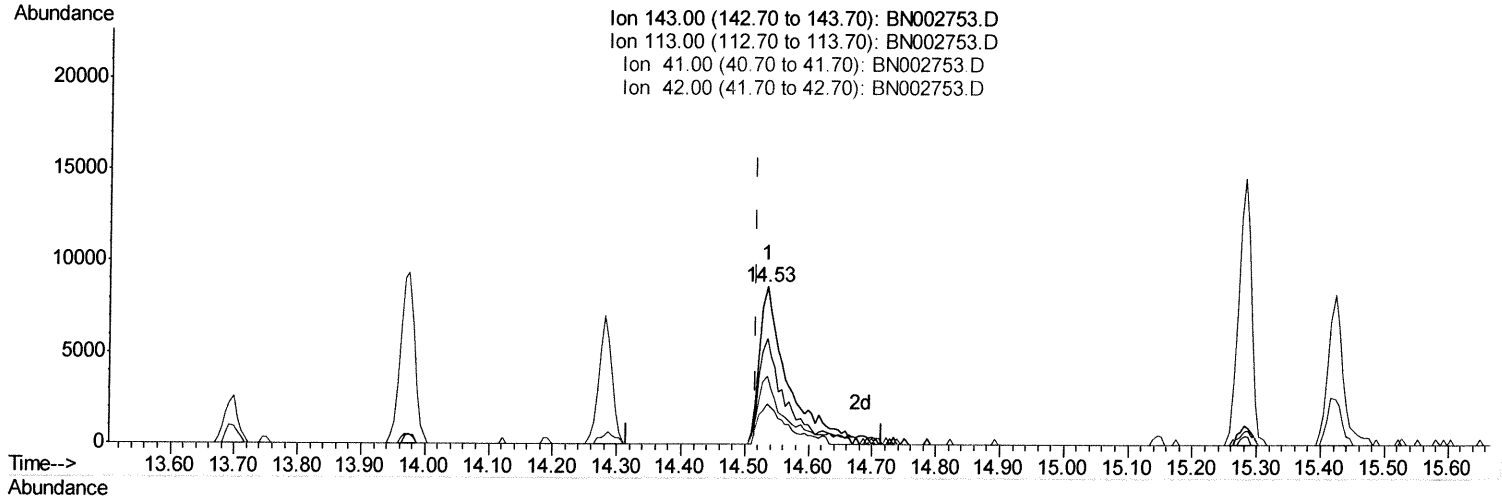
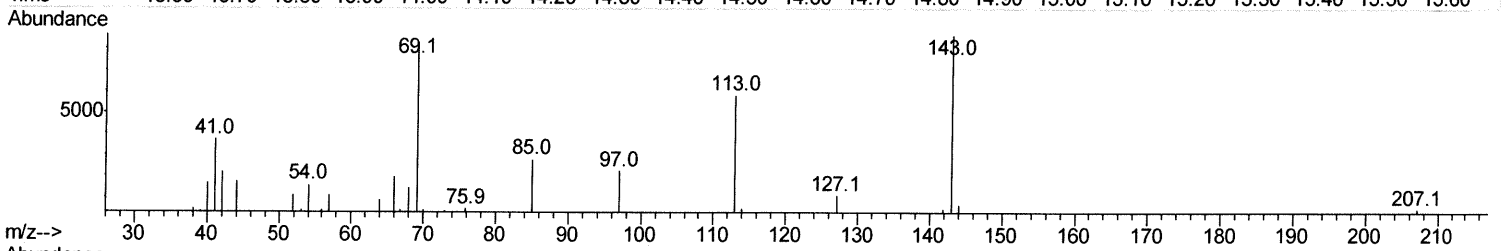
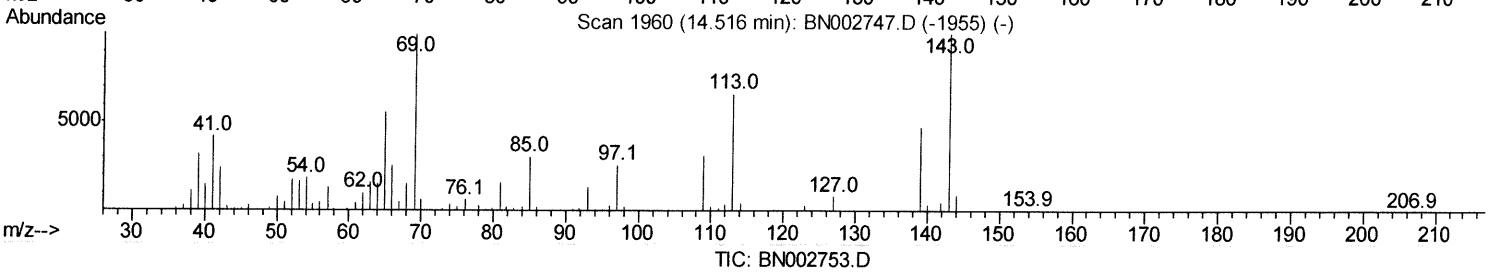
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C08N9

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:01 PM







TIC: BN002753.D

(51) 4-Nitrophenol-d4 (S)

14.534min (+0.018) 5.50ng/ul m SJ 9/20/18

response 26436

Ion	Exp%	Act%
143.00	100	100
113.00	66.10	67.24
41.00	39.90	43.11
42.00	25.80	25.30

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 19 01:15:51 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C08N9

Manual Integrations APPROVED
Sohil
9/19/2018 5:12:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	179530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	716465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	371590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	763602	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	802314	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	851771	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	6058	1.56	ng/uL	0.00
5) Phenol-d5	6.83	99	109660	7.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	319370	33.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	344616	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	193983	16.43	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	202558	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	233205	37.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	367464	32.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	24655	1.88	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	1093672	37.60	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1404387	36.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	26436m	5.50	ng/ul	0.02
57) Fluorene-d10	15.28	176	946299	37.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	153171	32.07	ng/ul	0.00
70) Anthracene-d10	17.13	188	1372860	37.66	ng/ul	0.00
78) Pyrene-d10	19.43	212	1470374	34.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1698829	37.89	ng/ul	0.00
Target Compounds						Qvalue
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	66857m	5.416	ng/ul	
44) Dimethylphthalate	13.75	163	236557	8.333	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	61998	4.753	ng/uL	99

SJ 9/20/18

SJ 9/20/18

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