

(QT Reviewed)

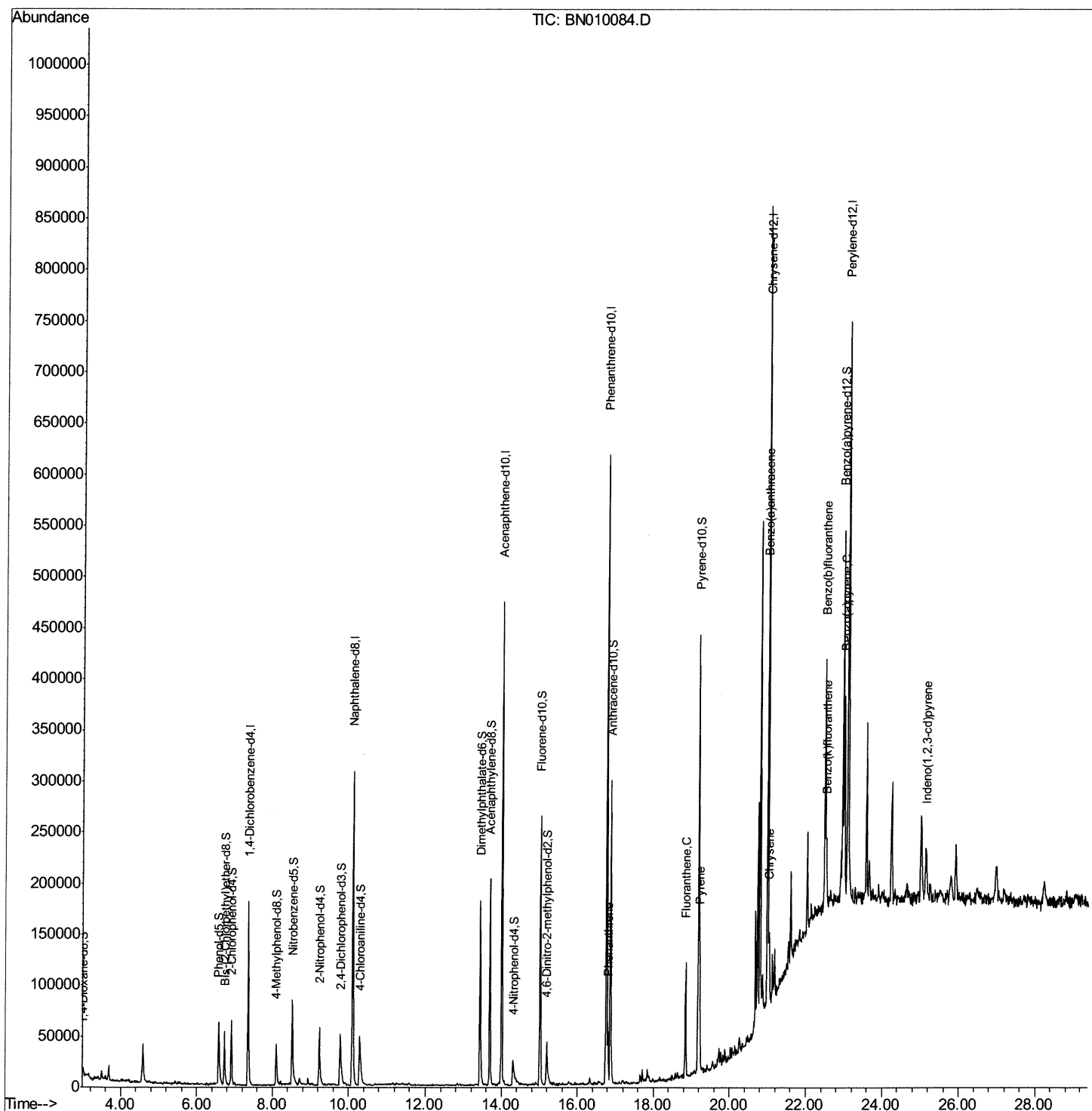
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Data Path   : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\  
Data File  : BN010084.D  
Acq On     : 04 Mar 2020   15:37  
Operator   : CG/JU  
Sample     : L1641-04  
Misc       :  
ALS Vial   : 7      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
CB6Y7

Manual Integrations
APPROVED

mohammad
3/5/2020 3:55:58 PM

Quant Time: Mar 05 03:13:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

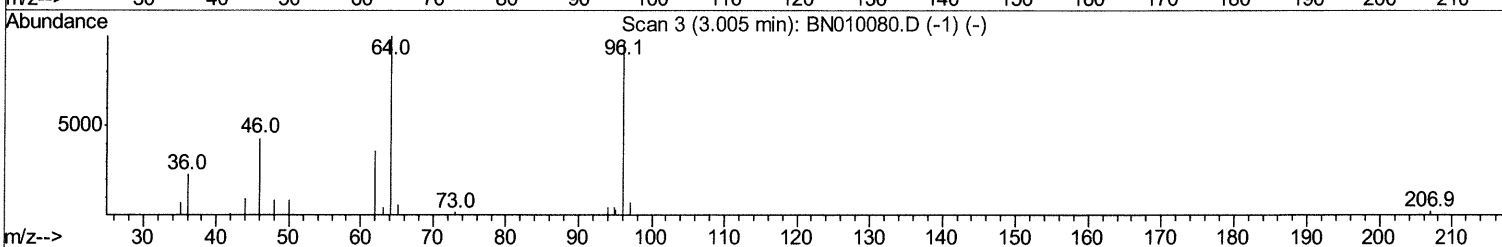
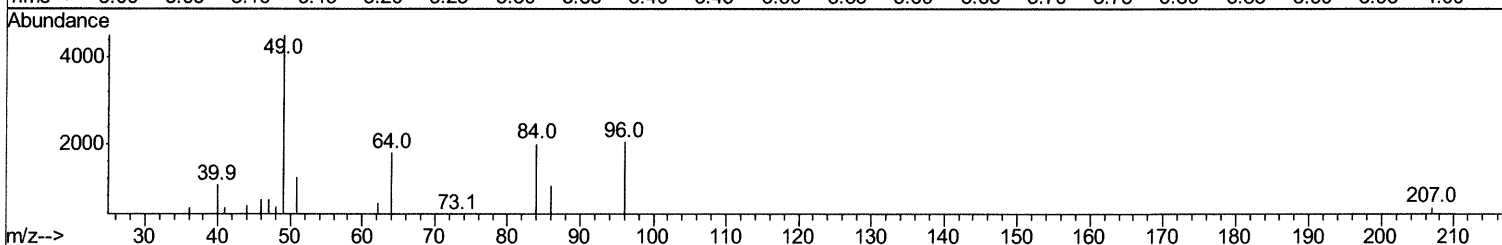
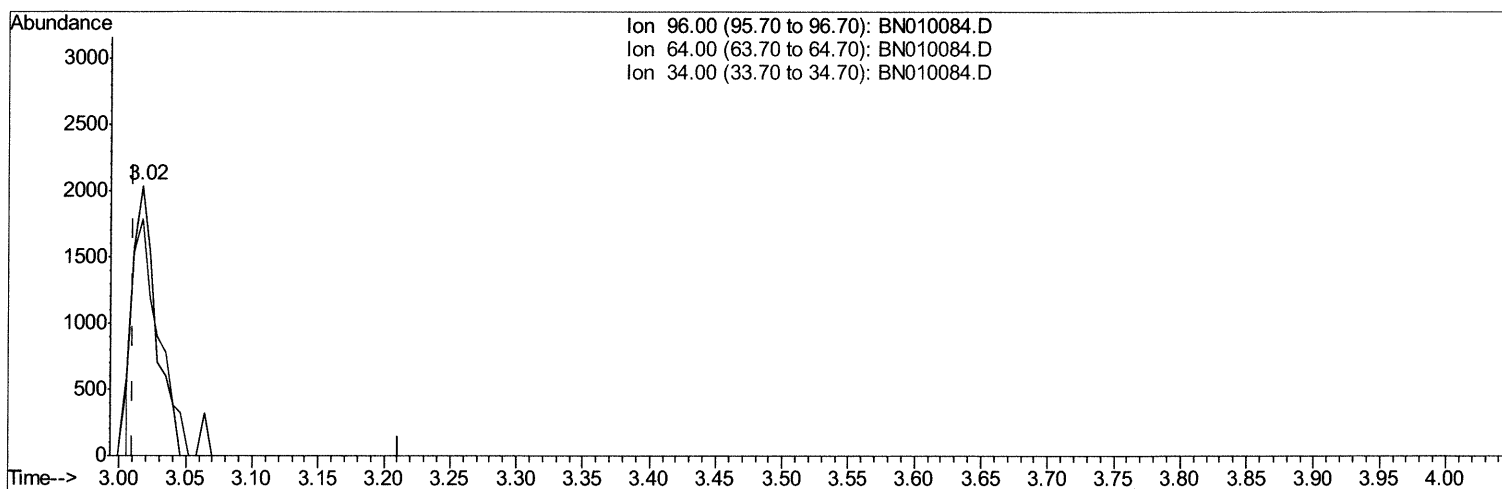
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TIC: BN010084.D

(3) 1,4-Dioxane-d8 (S)

3.017min (+0.006) 2.21ng/uL

response 2408

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	87.83
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

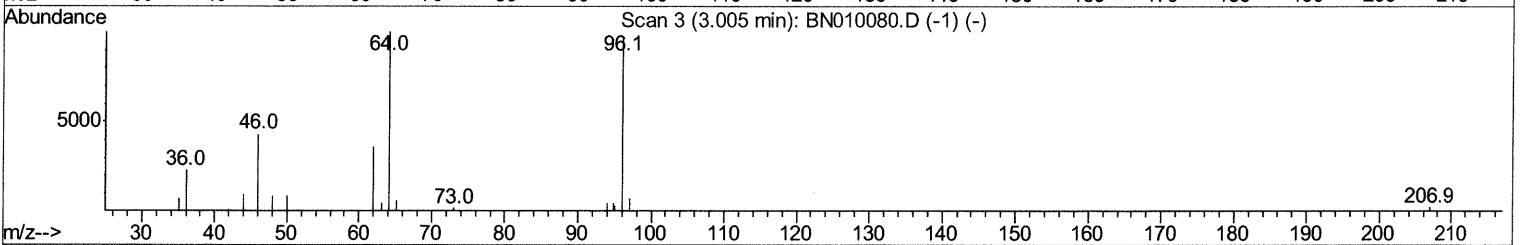
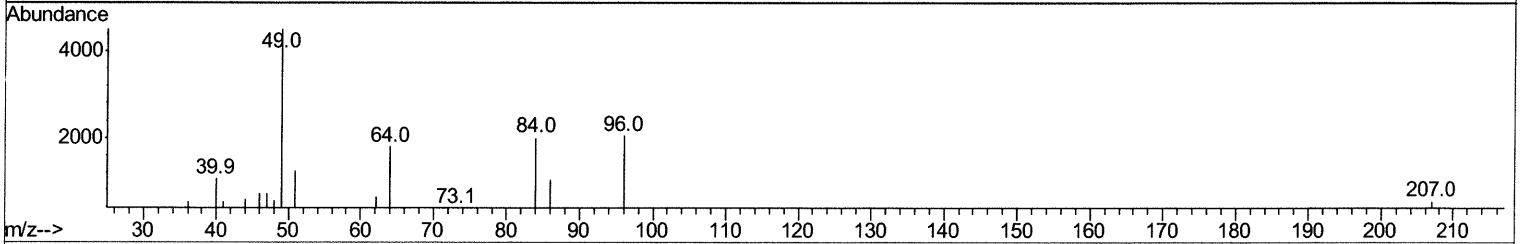
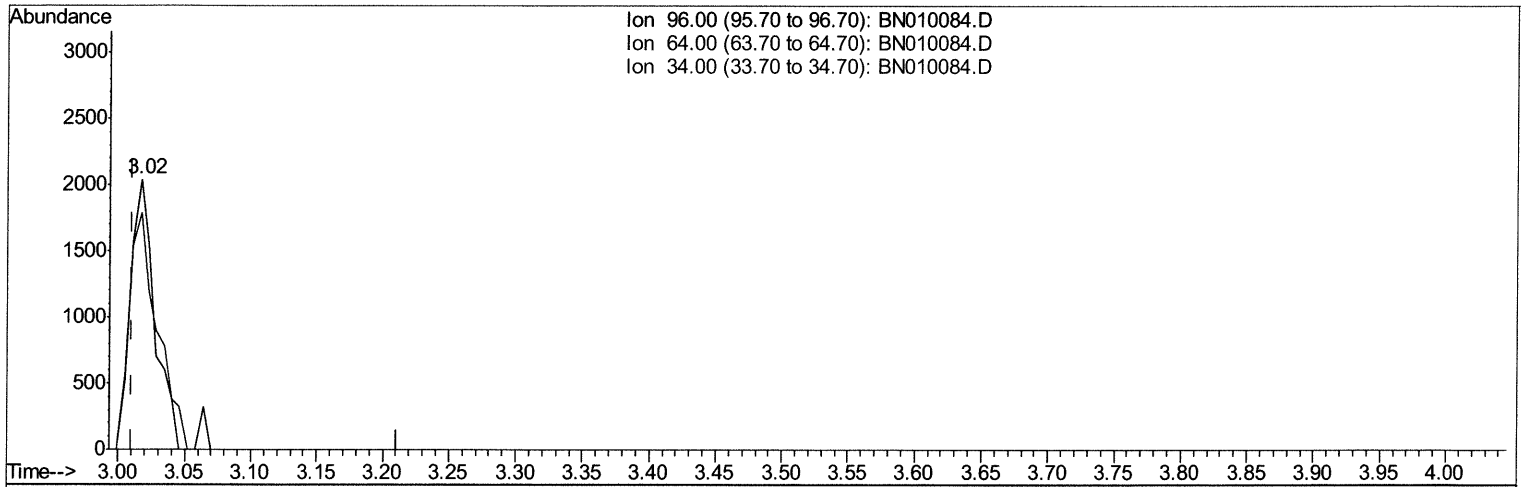
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TIC: BN010084.D

(3) 1,4-Dioxane-d8 (S)

3.017min (+0.006) 2.41ng/uL m *JU 03/05/20*

response 2616

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	87.83
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

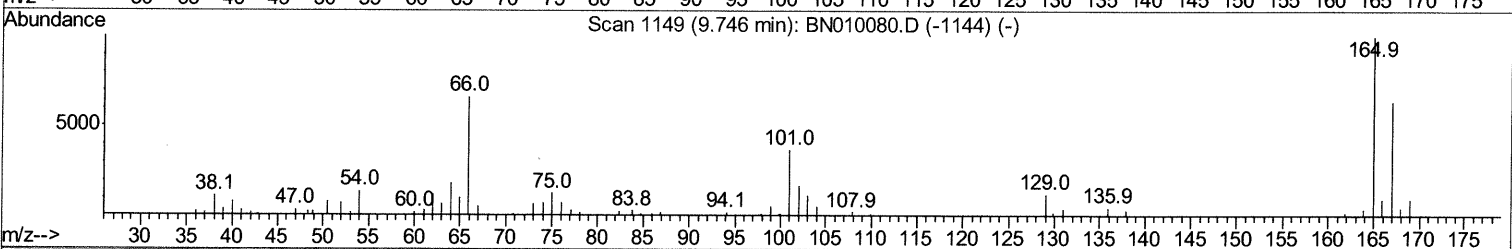
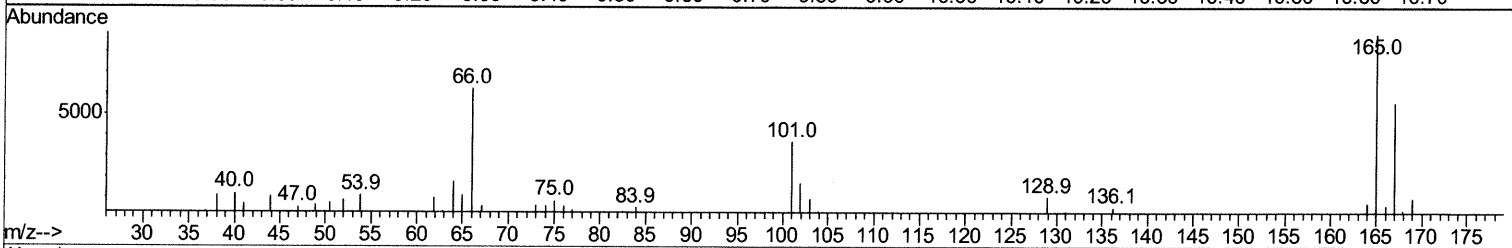
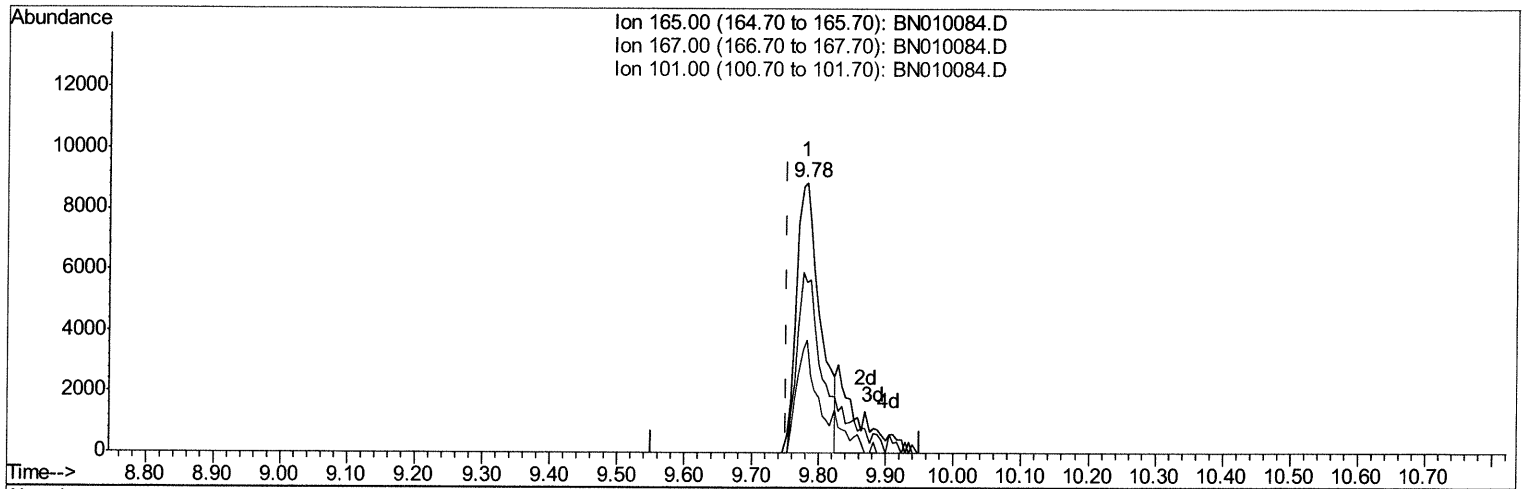
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TIC: BN010084.D

(26) 2,4-Dichlorophenol-d3 (S)

9.781min (+0.030) 6.19ng/ul

response 21836

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	63.06
101.00	36.10	41.76
0.00	0.00	0.00

Quantitation Report (Qedit)

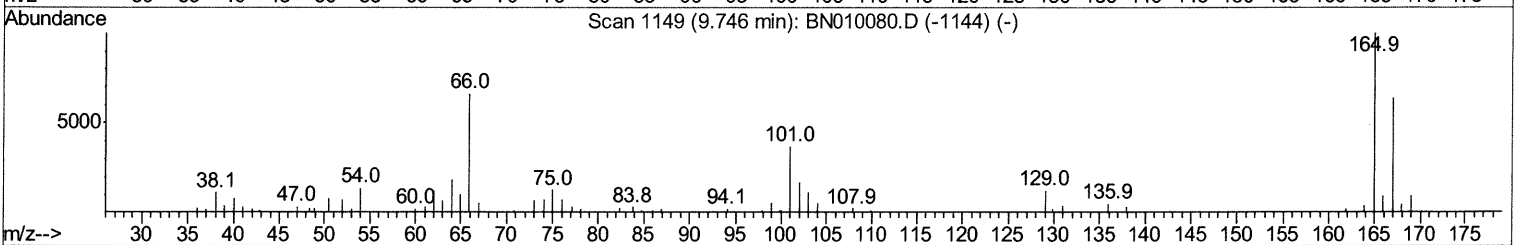
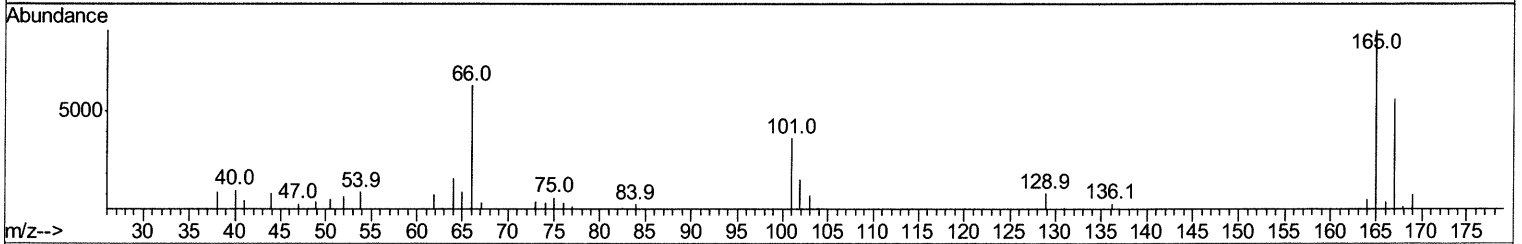
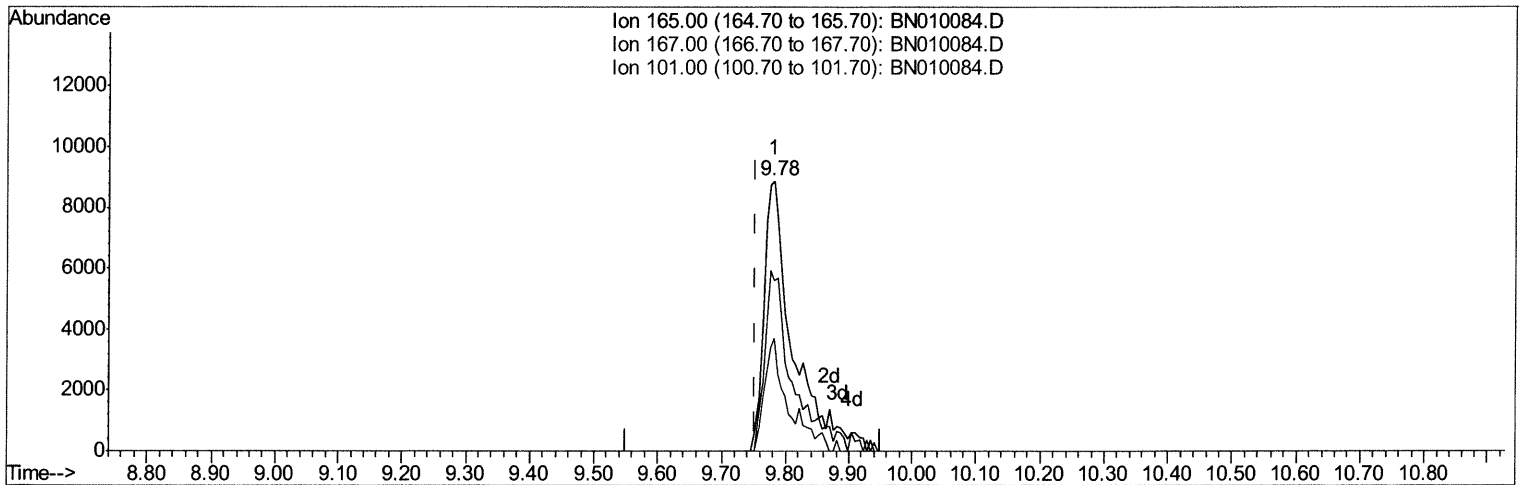
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Data File : BN010084.D
Acq On : 04 Mar 2020 15:37
Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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TIC: BN010084.D

(26) 2,4-Dichlorophenol-d3 (S)

9.781min (+0.030) 8.03ng/ul m *Ju 03/05/20*

response 28313

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	63.06
101.00	36.10	41.76
0.00	0.00	0.00

Quantitation Report (Qedit)

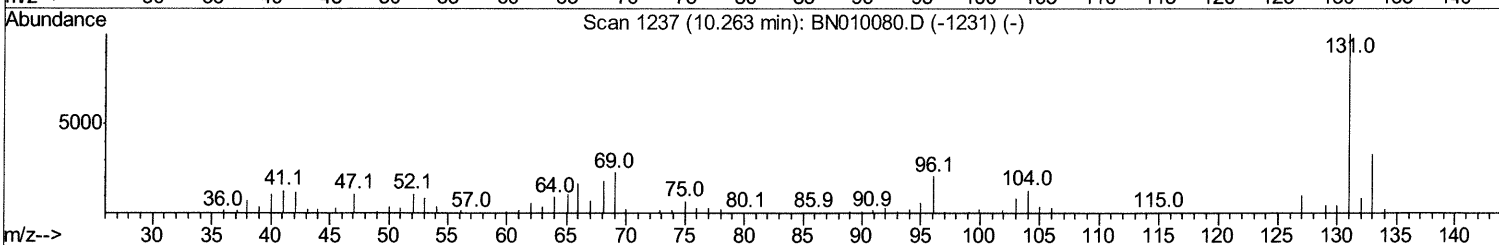
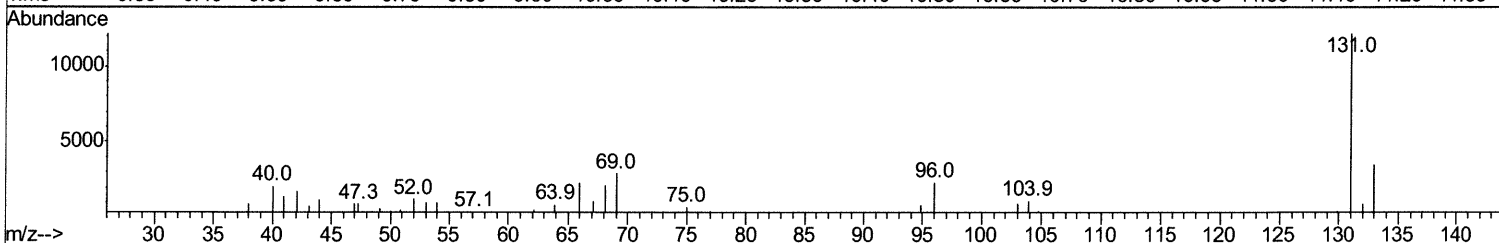
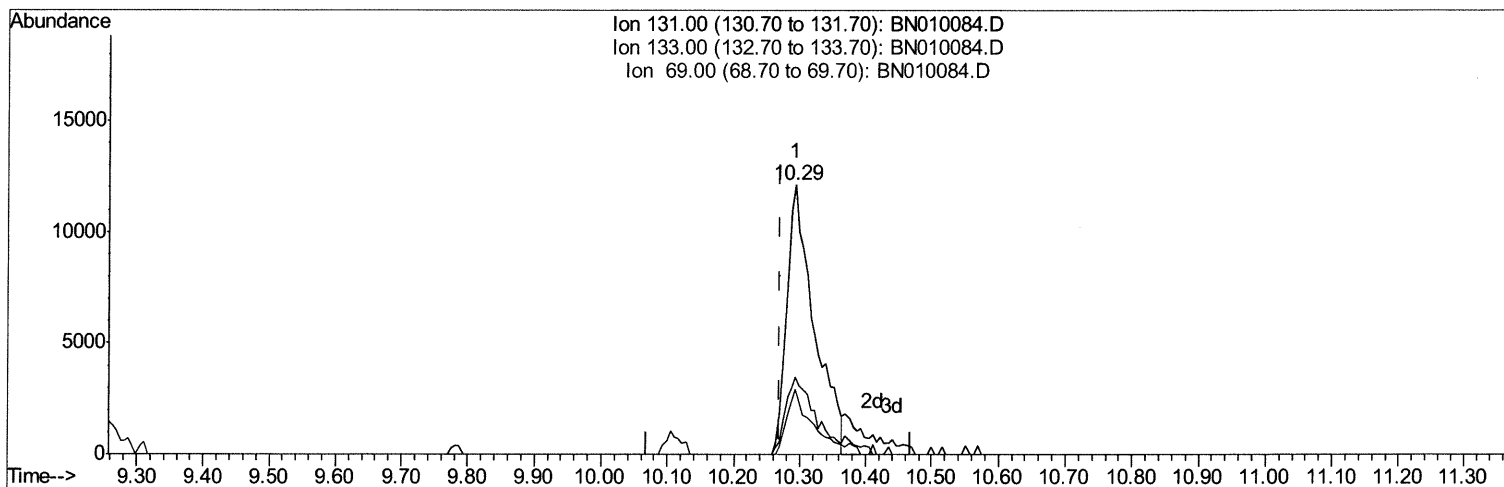
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BN010084.D

(29) 4-Chloroaniline-d4 (S)

10.293min (+0.024) 8.81ng/ul

response 34908

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	28.85
69.00	22.10	24.11
0.00	0.00	0.00

Quantitation Report (Qedit)

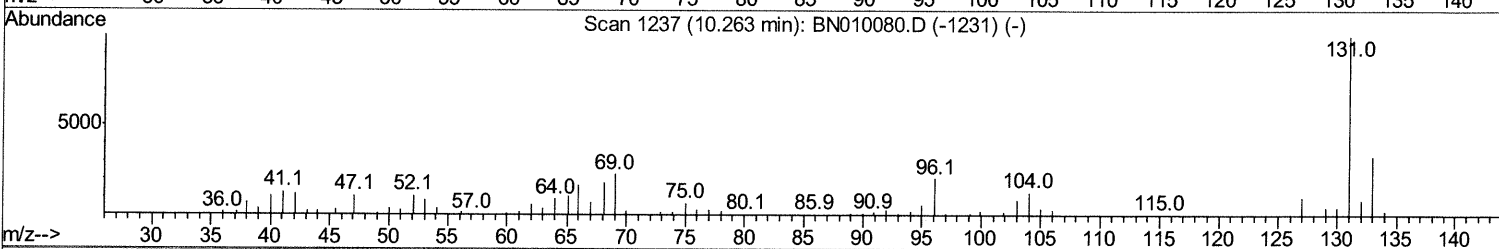
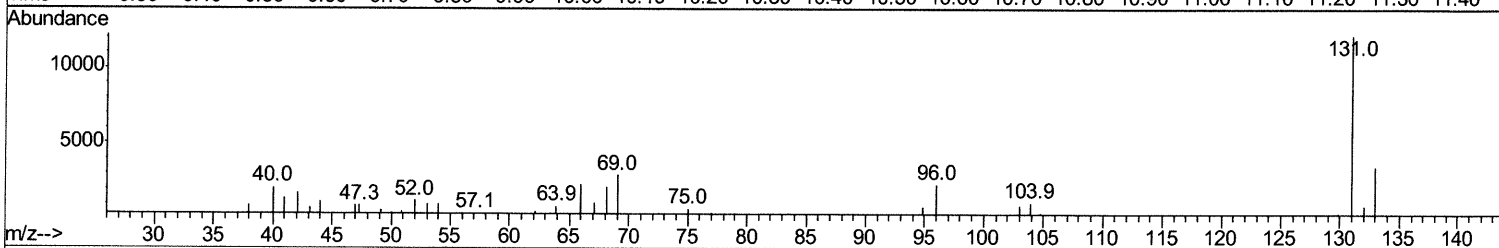
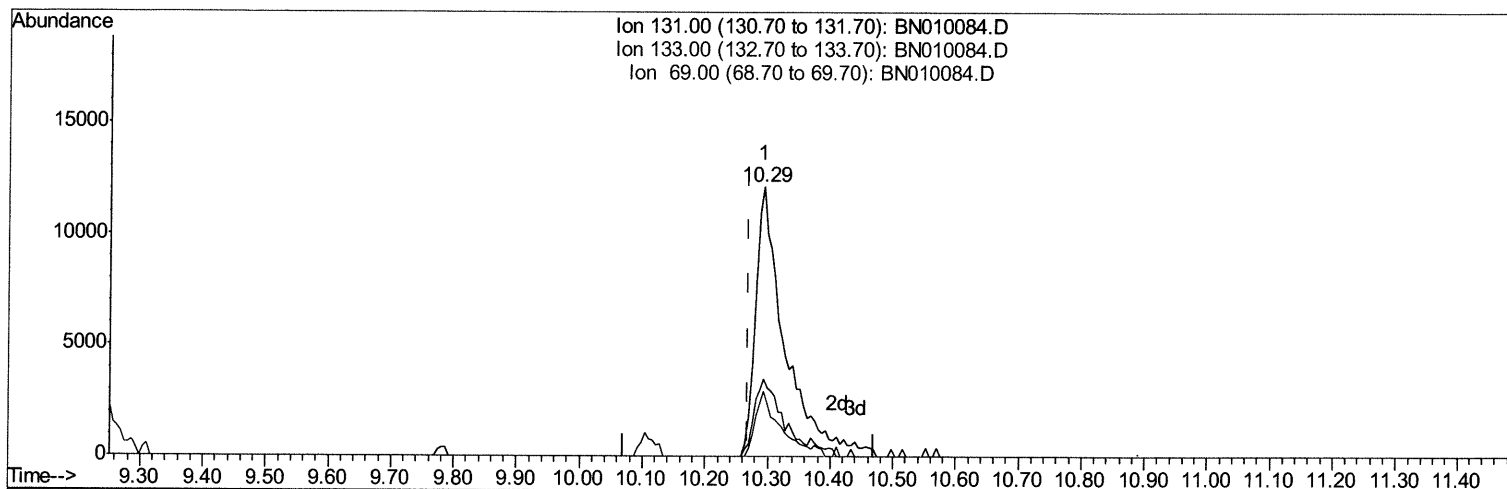
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 Data File : BN010084.D
 Acq On : 04 Mar 2020 15:37
 Operator : CG/JU
 Sample : L1641-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

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TIC: BN010084.D

(29) 4-Chloroaniline-d4 (S)

10.293min (+0.024) 10.07ng/ul m *7403/05/20*

response 39889

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	28.85
69.00	22.10	24.11
0.00	0.00	0.00

Quantitation Report (Qedit)

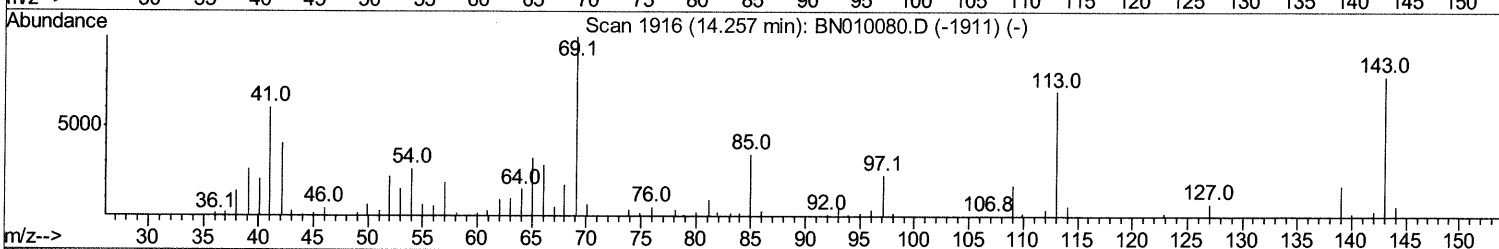
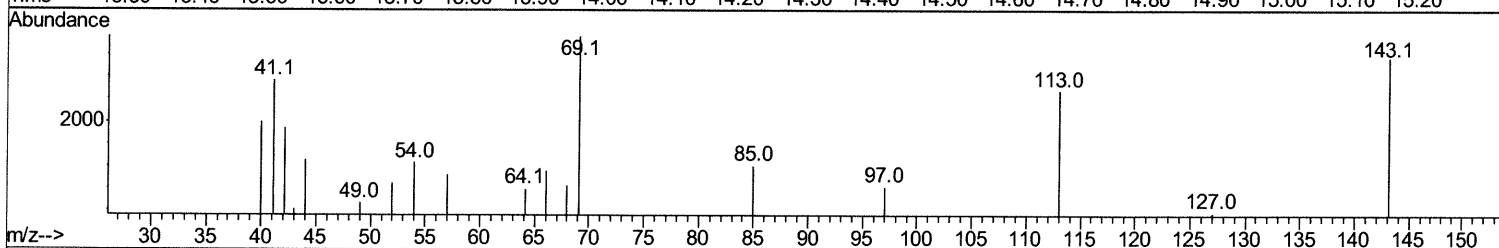
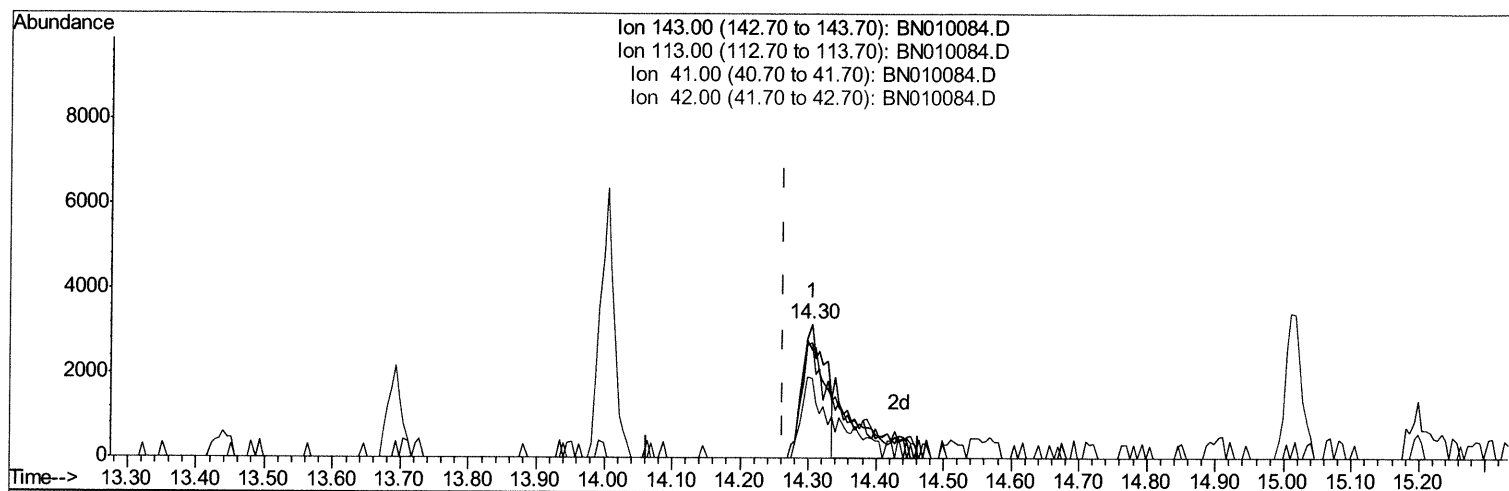
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010084.D
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Operator : CG/JU
Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BN010084.D

(52) 4-Nitrophenol-d4 (S)

14.304min (+0.041) 3.43ng/ul

response 7294

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	80.74
41.00	66.00	86.24#
42.00	43.20	59.80#

Quantitation Report (Qedit)

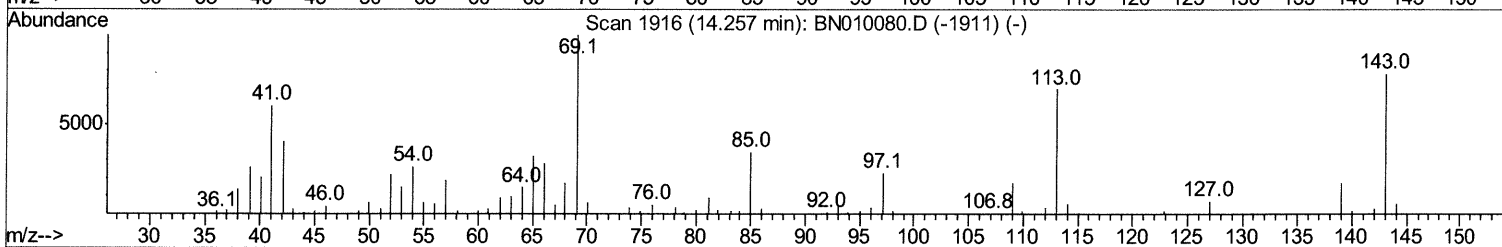
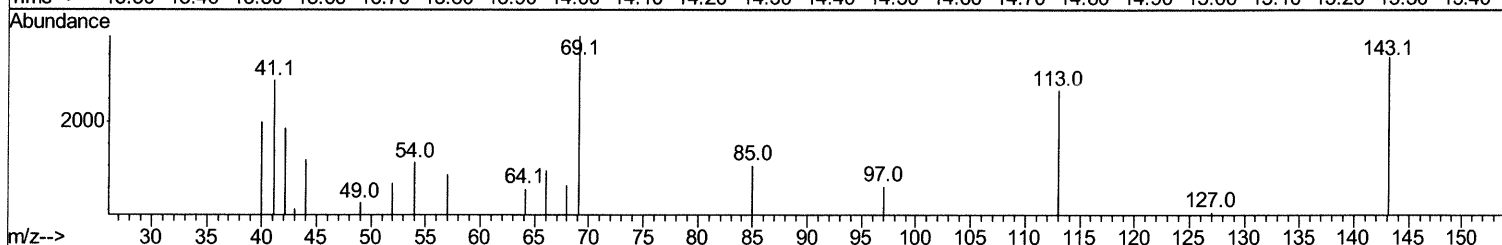
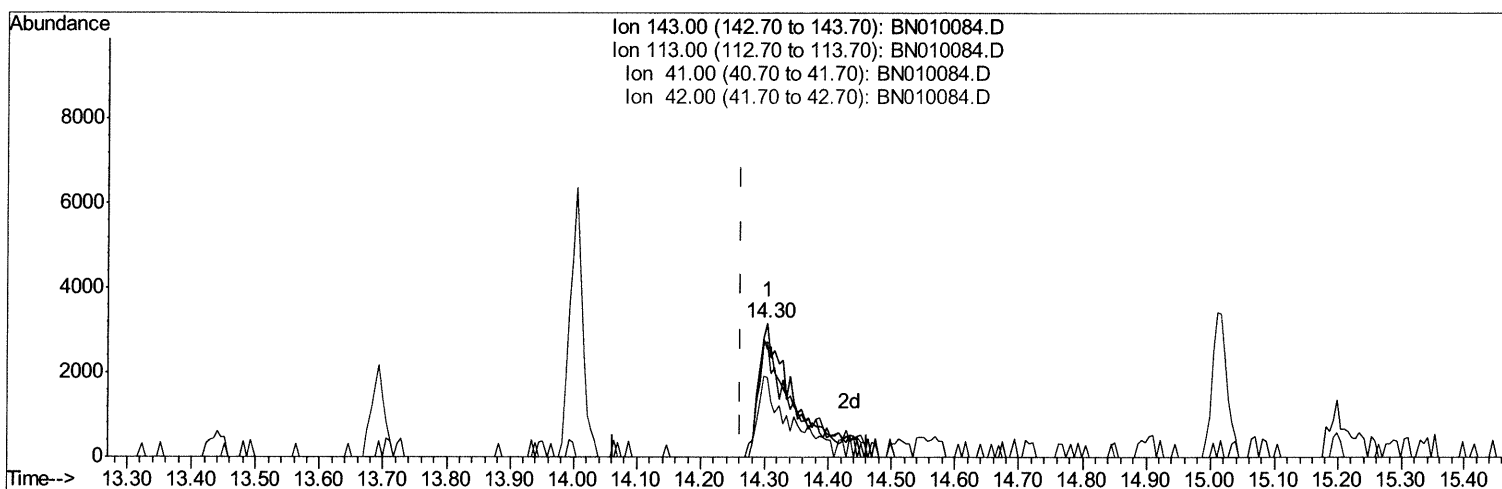
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Data File : BN010084.D
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Sample : L1641-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Y7

Manual Integrations
APPROVED

mohammad
3/5/2020 3:55:58 PM

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TIC: BN010084.D

(52) 4-Nitrophenol-d4 (S)

14.304min (+0.041) 5.79ng/ul m *7403/65/26*

response 12306

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	80.74
41.00	66.00	86.24#
42.00	43.20	59.80#

Quantitation Report (Qedit)

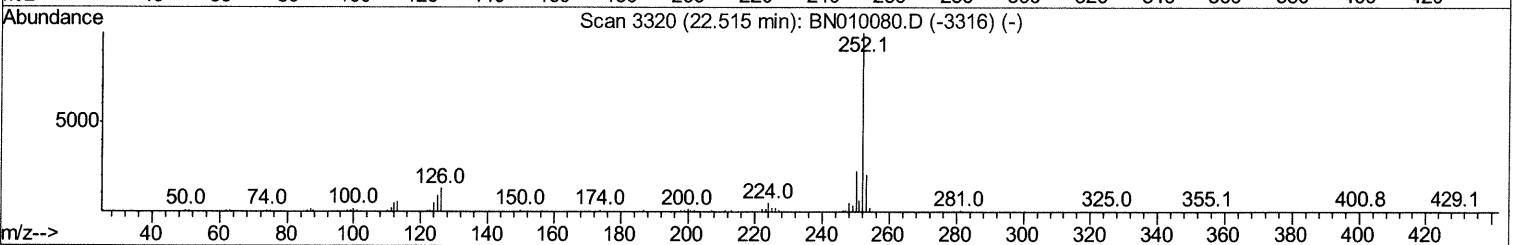
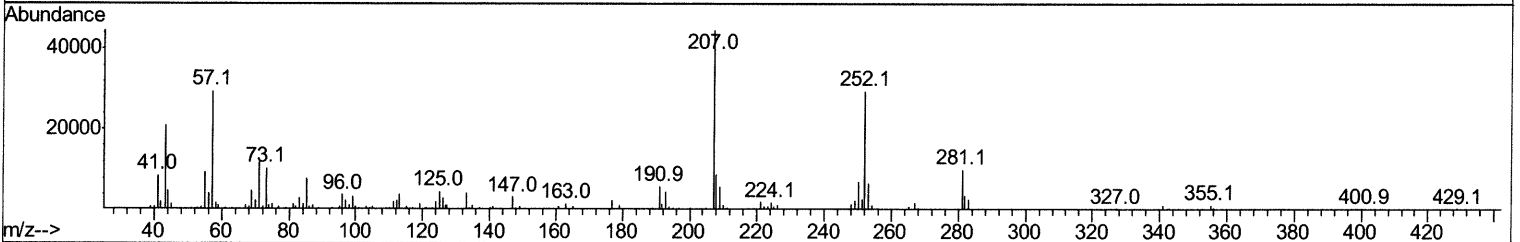
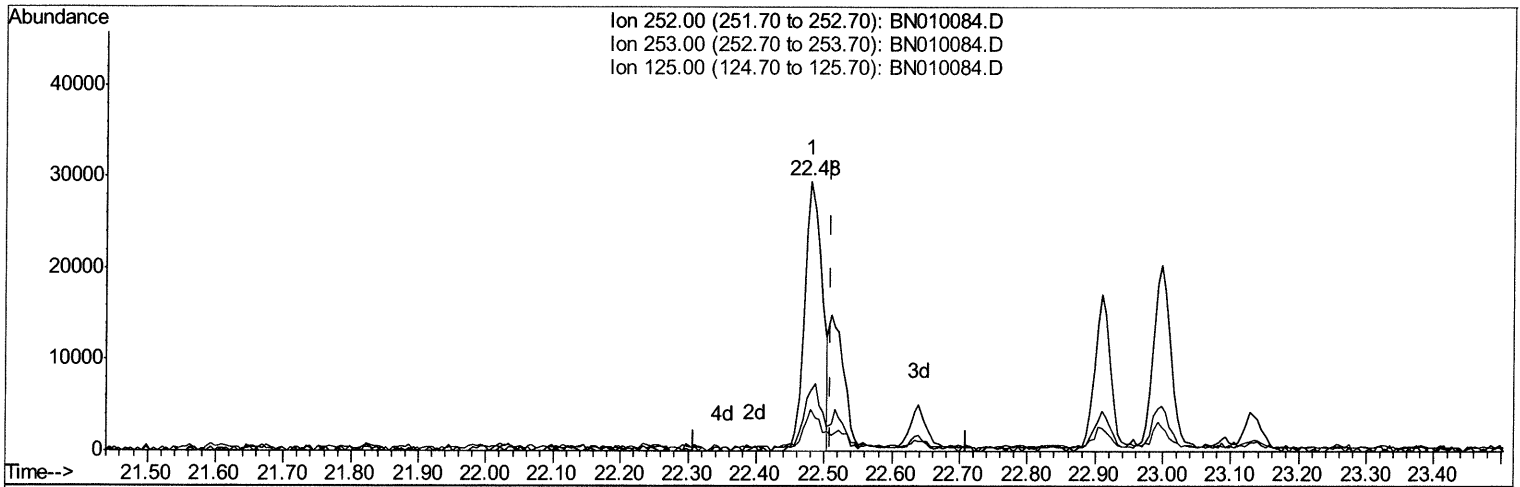
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TIC: BN010084.D

(89) Benzo(k)fluoranthene
 22.480min (-0.029) 2.48ng/ul
 response 54145

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.22
125.00	10.20	15.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

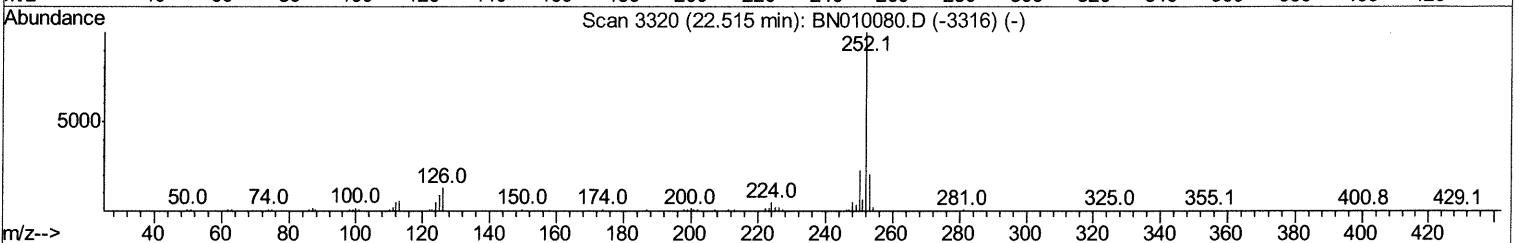
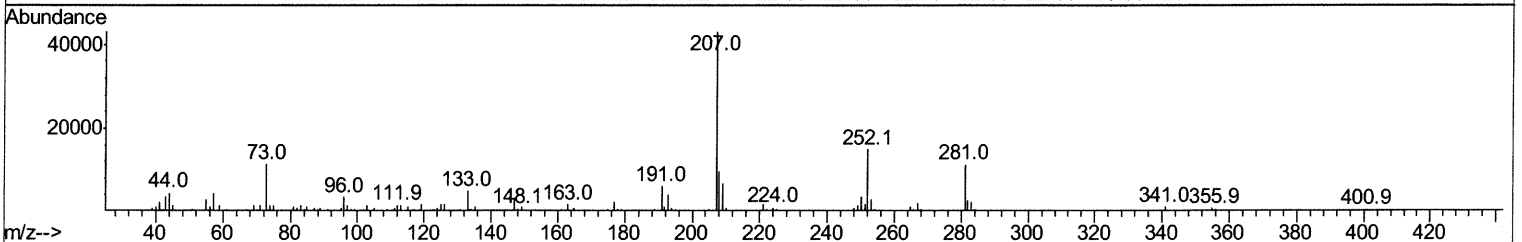
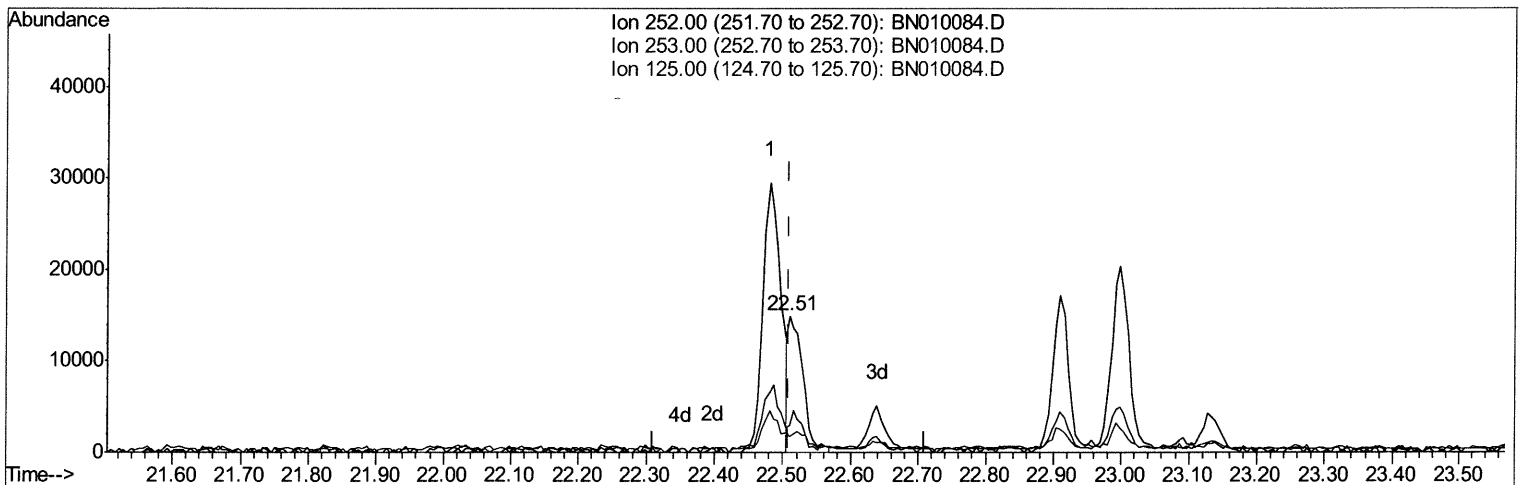
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TIC: BN010084.D

(89) Benzo(k)fluoranthene

22.510min (+0.000) 1.04ng/ul m **Ju 03/05/20**

response 22655

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	19.75
125.00	10.20	11.89
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	44717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	229181	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	155722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	349141	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	325198	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	356134	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2616m >	2.41	ng/uL >	0.00	Ju 03/05/20
5) Phenol-d5	6.58	99	36710	9.65	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.73	67	29275	11.15	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.90	132	26876	9.39	ng/ul	0.00	
13) 4-Methylphenol-d8	8.09	113	17726	5.86	ng/ul	0.01	
19) Nitrobenzene-d5	8.52	128	16632	9.92	ng/ul	0.01	
22) 2-Nitrophenol-d4	9.23	143	17691	9.64	ng/ul	0.02	
26) 2,4-Dichlorophenol-d3	9.78	165	28313m	8.03	ng/ul	0.03	Ju 03/03/20
29) 4-Chloroaniline-d4	10.29	131	39889m	10.07	ng/ul	0.02	
44) Dimethylphthalate-d6	13.44	166	128813	11.07	ng/ul	0.00	
47) Acenaphthylene-d8	13.69	160	134636	9.83	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.30	143	12306m >	5.79	ng/ul >	0.04	Ju 03/05/20
58) Fluorene-d10	15.02	176	111461	11.10	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.19	200	11190	5.16	ng/ul	0.01	
71) Anthracene-d10	16.87	188	169521	10.59	ng/ul	0.00	
79) Pyrene-d10	19.17	212	214294	12.61	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.96	264	219675	12.35	ng/ul	0.00	

Target Compounds

					Ovalue	
70) Phenanthrene	16.81	178	32547	1.633	ng/ul	97
77) Fluoranthene	18.85	202	68237	2.924	ng/ul	97
80) Pyrene	19.21	202	67573	2.882	ng/ul#	92
83) Benzo(a)anthracene	20.97	228	41193	1.843	ng/ul	95
85) Chrysene	21.03	228	43202	1.964	ng/ul	97
88) Benzo(b)fluoranthene	22.48	252	54145	2.345	ng/ul#	94
89) Benzo(k)fluoranthene	22.51	252	22655m >	1.036	ng/ul >	Ju 03/03/20
91) Benzo(a)pyrene	23.00	252	37681	1.814	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.13	276	28275	1.147	ng/ul	96

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