

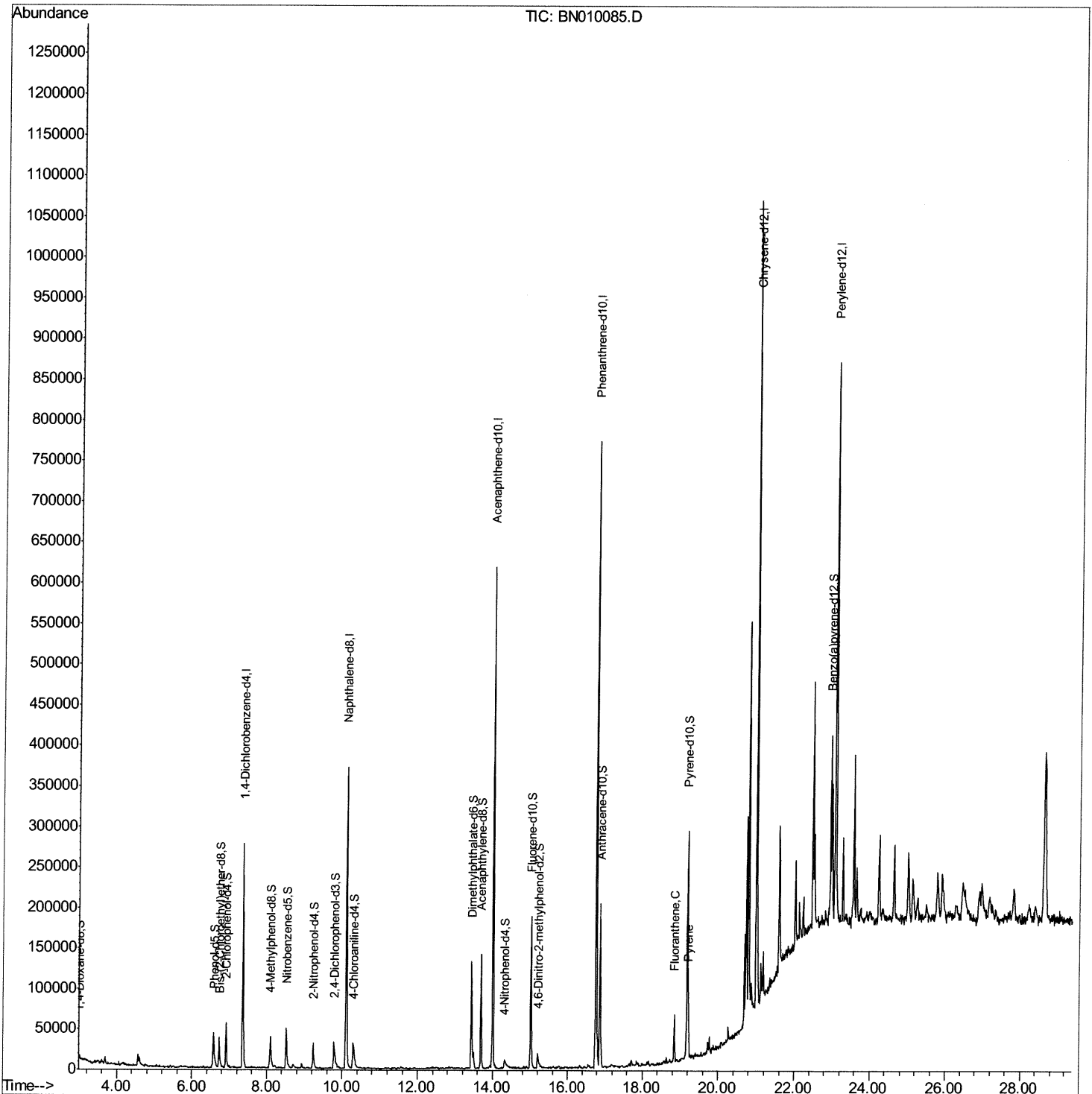
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:23:39 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)

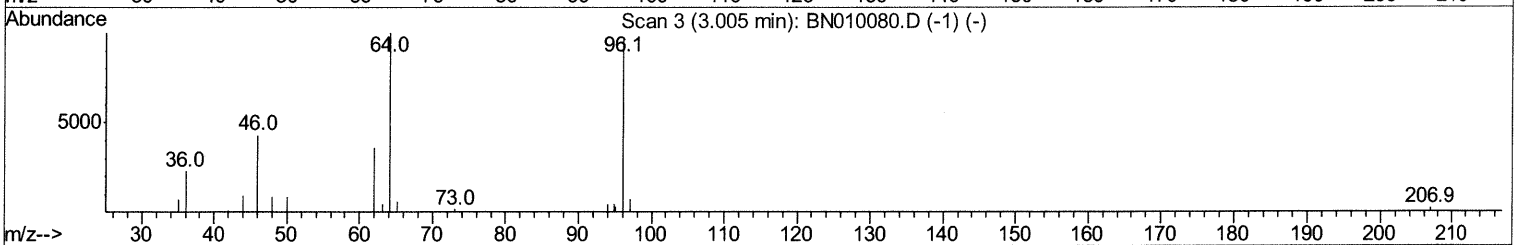
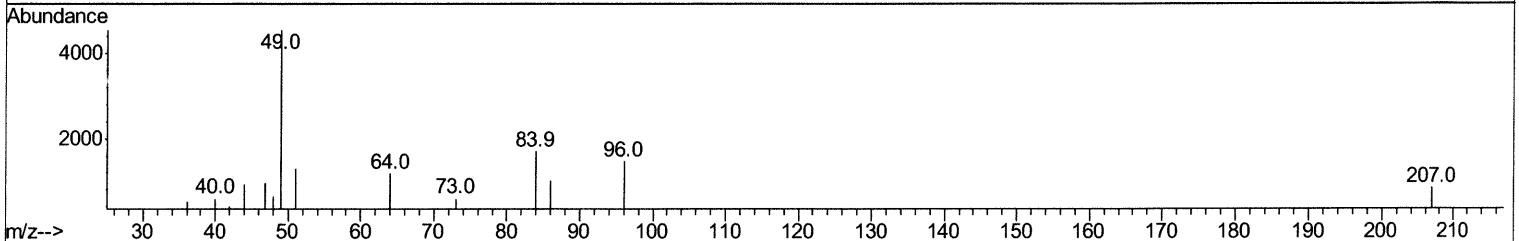
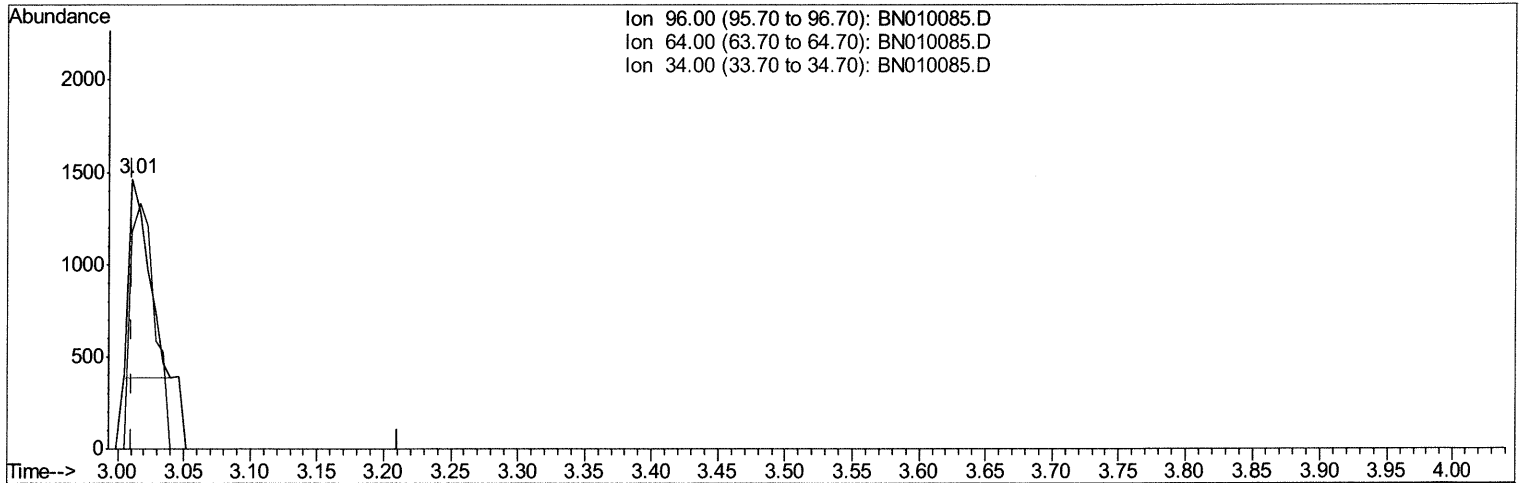
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
 Data File : BN010085.D
 Acq On : 04 Mar 2020 16:14
 Operator : CG/JU
 Sample : L1641-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z2

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

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

3.011min (-0.000) 0.62ng/uL

response 1059

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	80.67
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

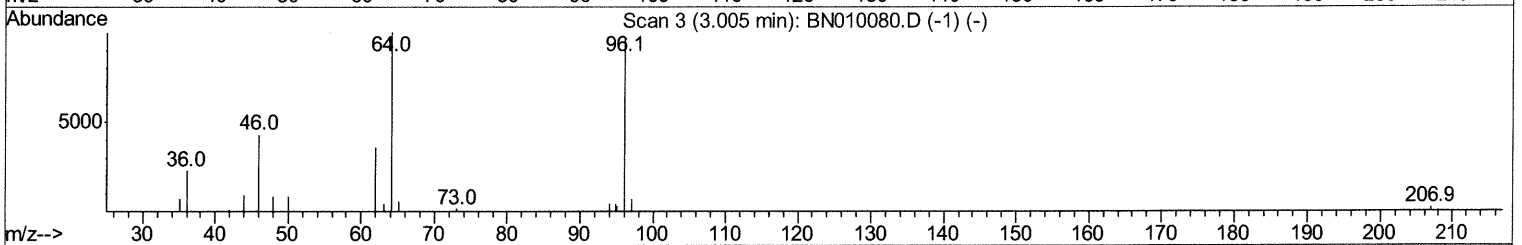
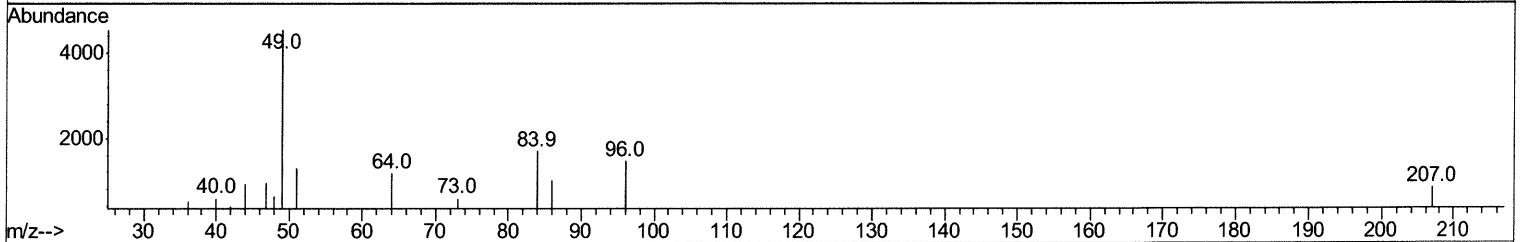
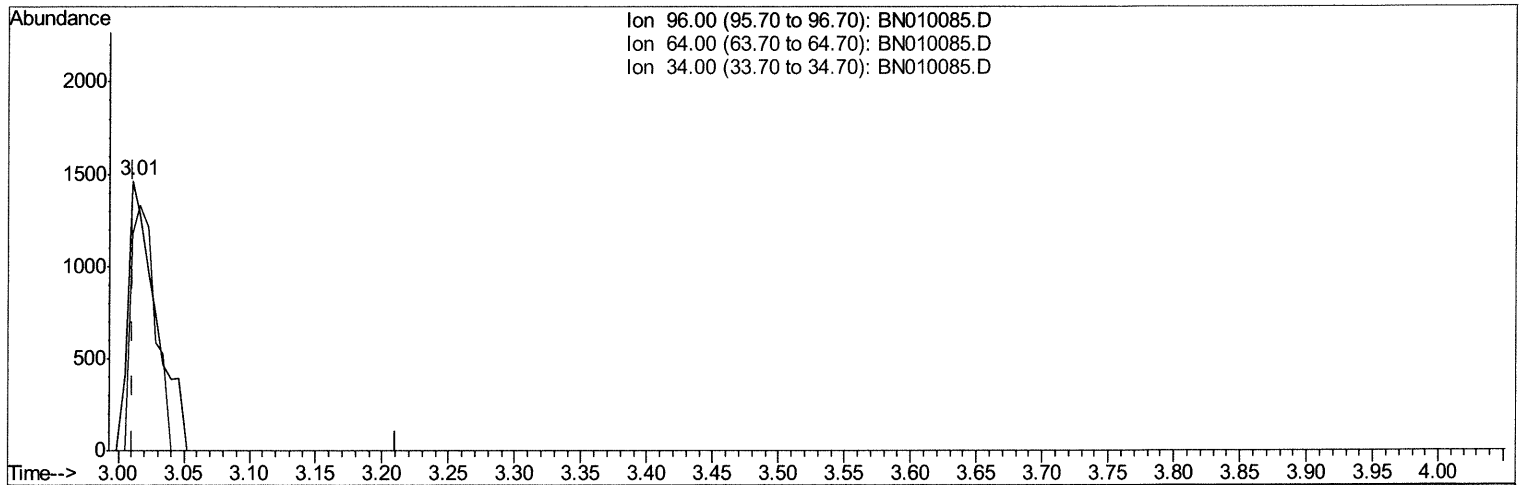
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010085.D
 Acq On : 04 Mar 2020 16:14
 Operator : CG/JU
 Sample : L1641-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 CB6Z2

Manual Integrations
APPROVED

mohammad
 3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

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

3.011min (-0.000) 1.26ng/uL m *JU 03/05/20*

response 2157

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	80.67
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

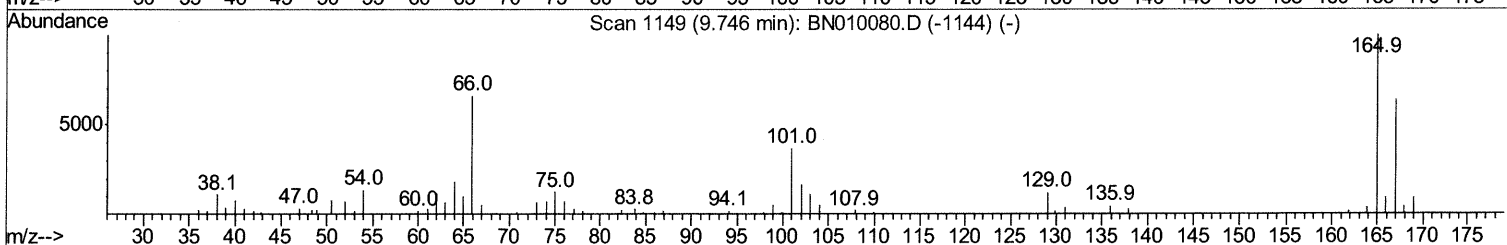
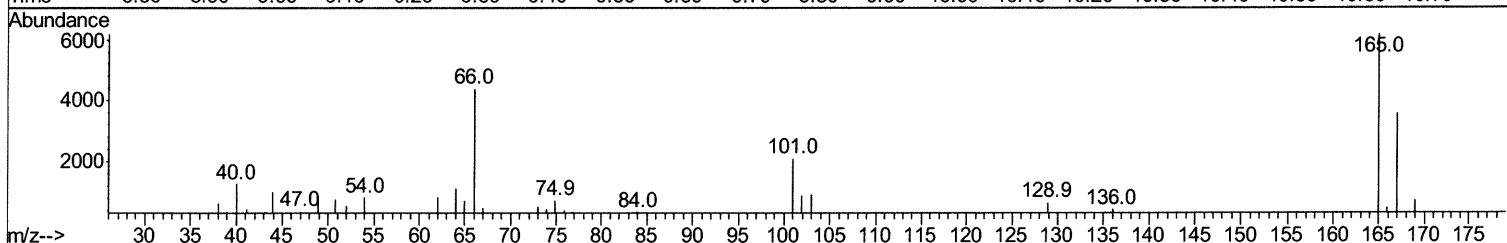
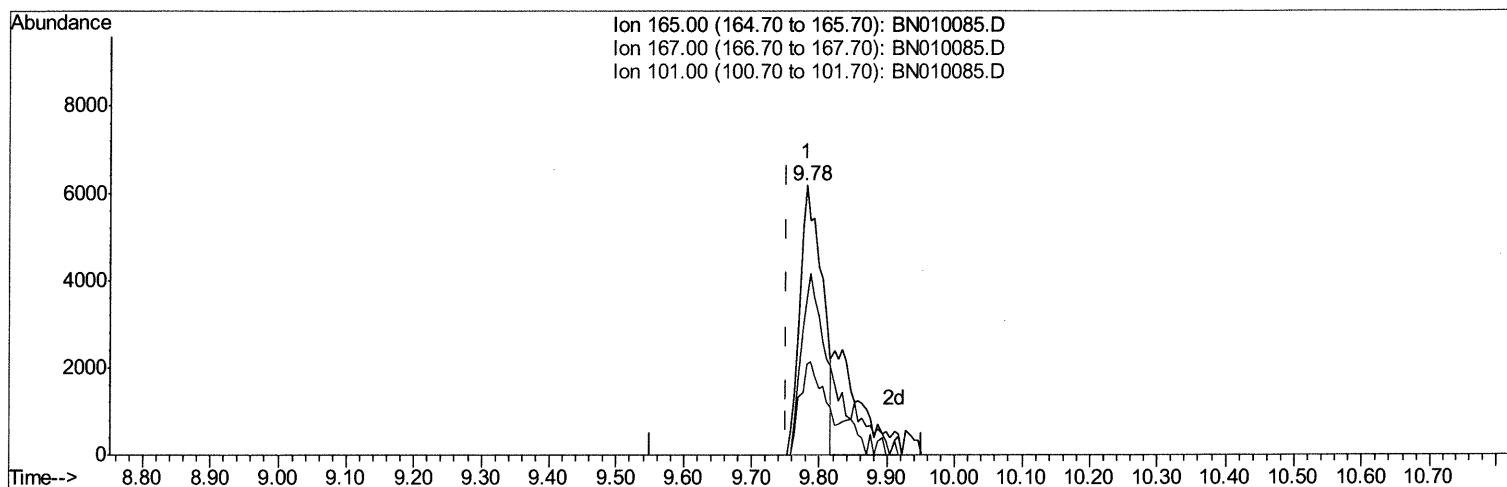
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

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

9.781min (+0.029) 3.23ng/ul

response 14325

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	57.56
101.00	36.10	33.71
0.00	0.00	0.00

Quantitation Report (Qedit)

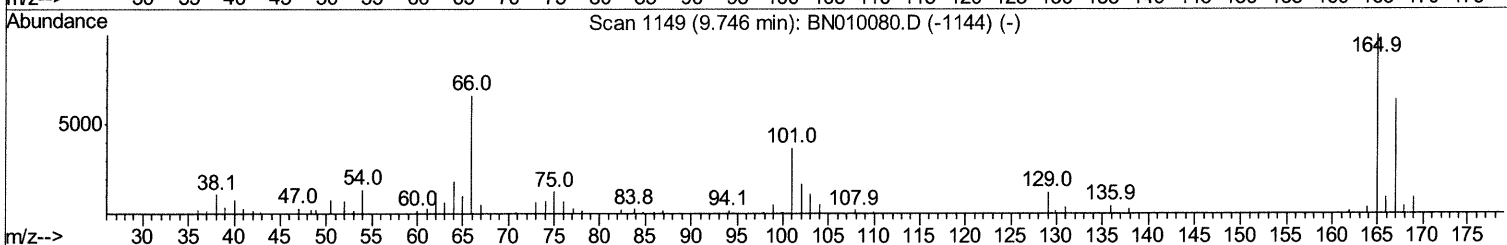
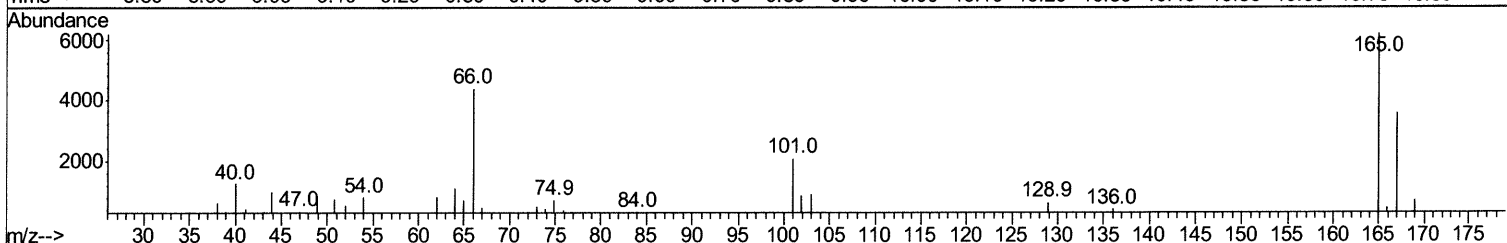
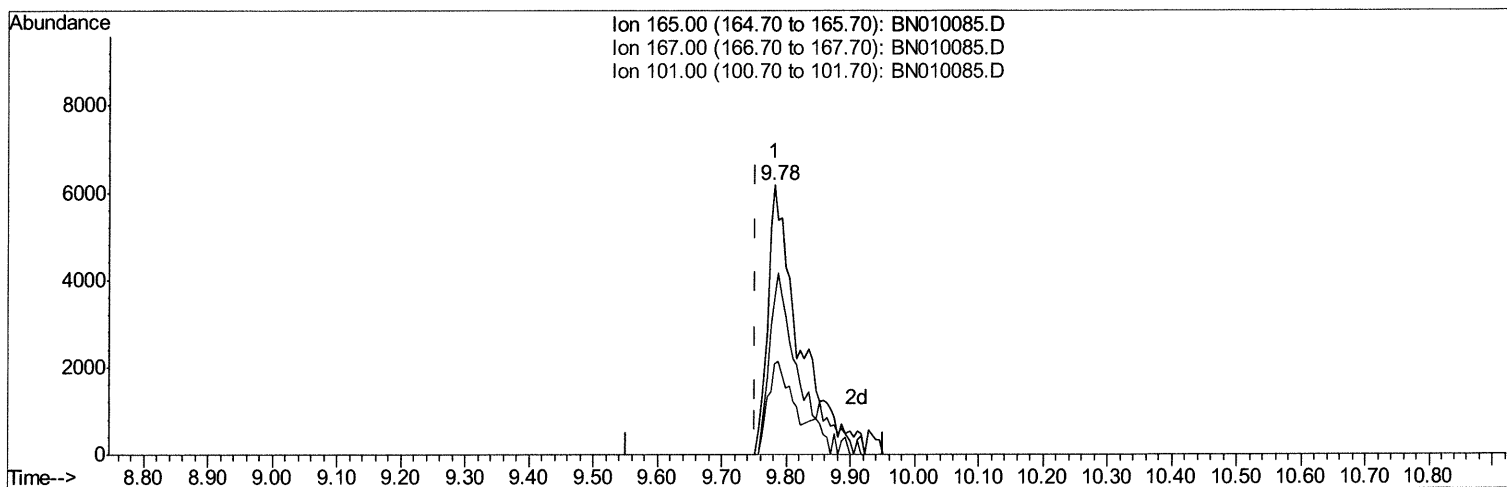
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

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

9.781min (+0.029) 4.79ng/ul m **Ju 03/05/20**

response 21259

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	57.56
101.00	36.10	33.71
0.00	0.00	0.00

Quantitation Report (Qedit)

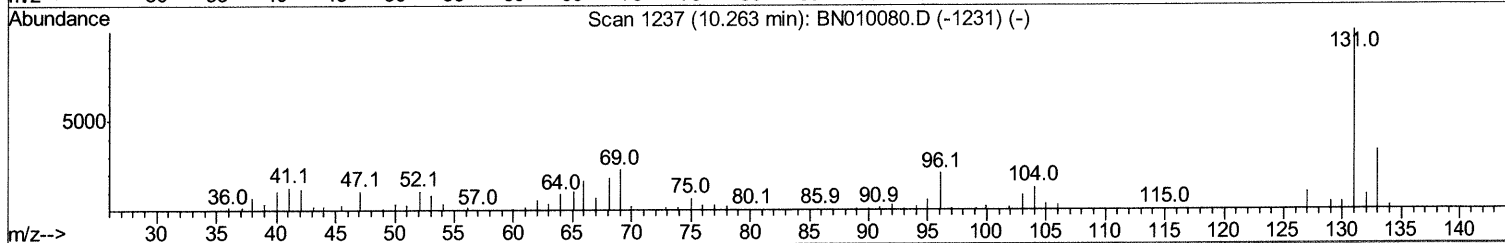
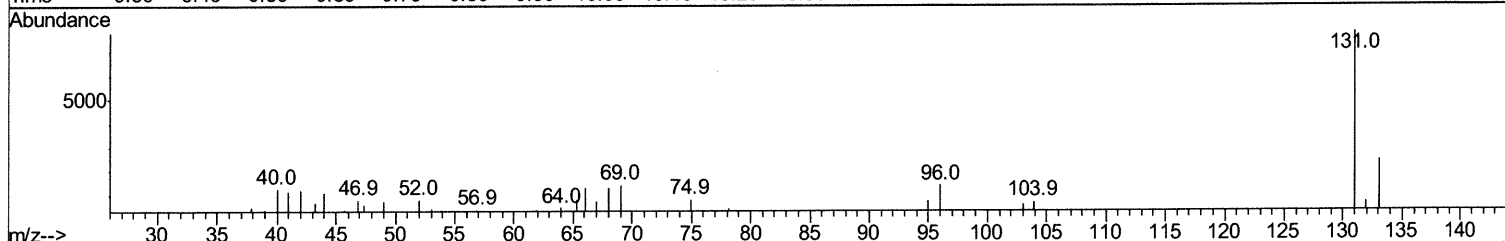
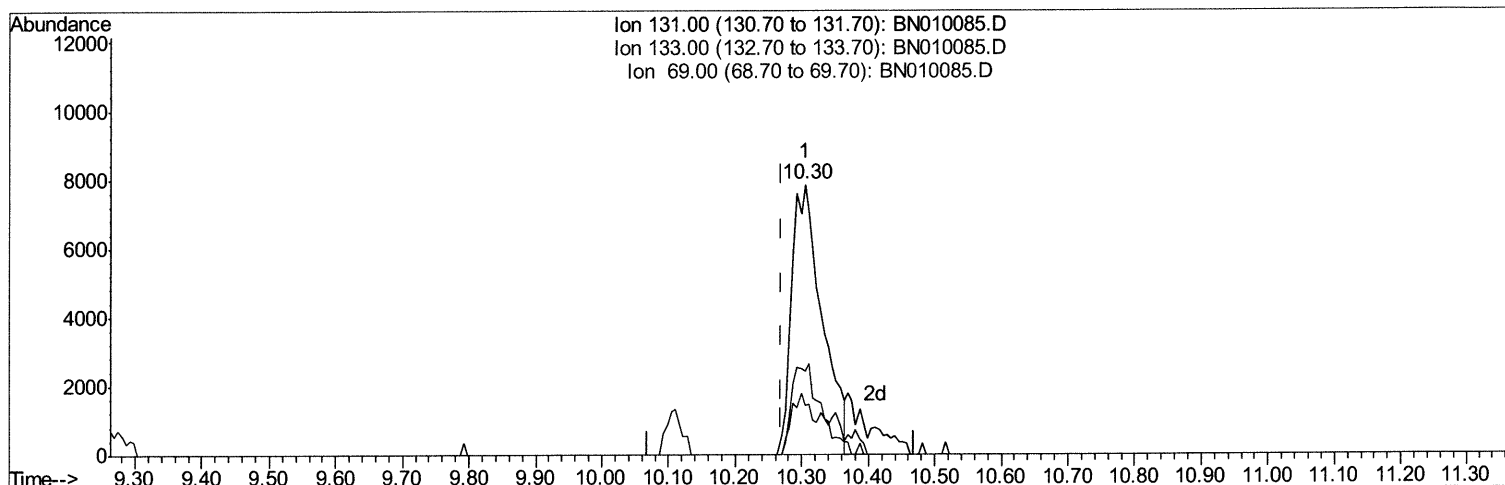
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010085.D
 Acq On : 04 Mar 2020 16:14
 Operator : CG/JU
 Sample : L1641-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z2

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(29) 4-Chloroaniline-d4 (S)

10.304min (+0.035) 4.99ng/ul

response 24890

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	30.90
69.00	22.10	18.01
0.00	0.00	0.00

Quantitation Report (Qedit)

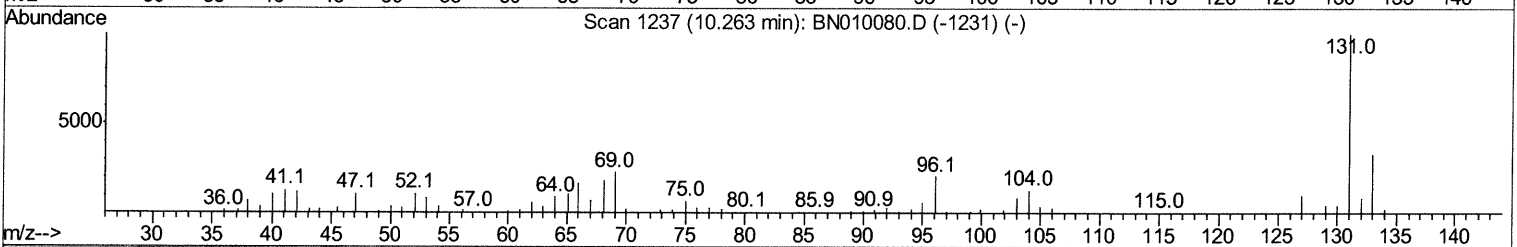
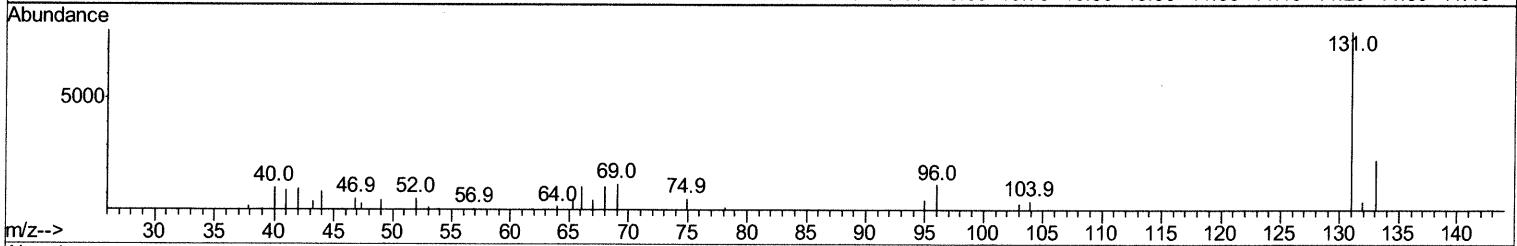
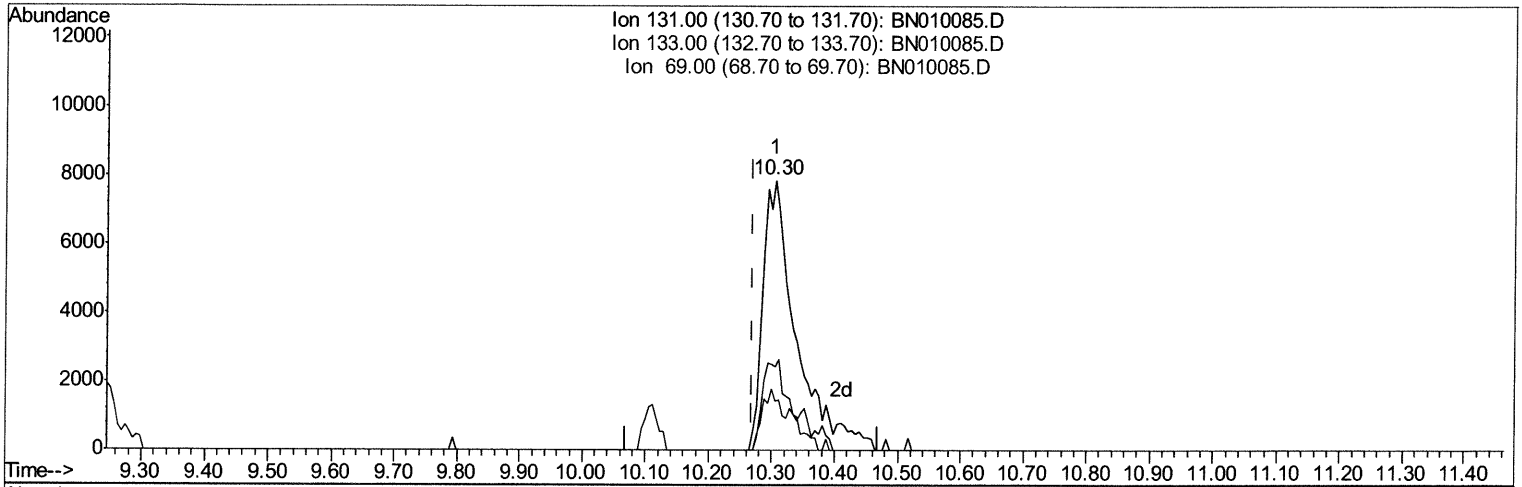
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010085.D
 Acq On : 04 Mar 2020 16:14
 Operator : CG/JU
 Sample : L1641-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z2

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(29) 4-Chloroaniline-d4 (S)

10.304min (+0.035) 5.85ng/ul m *Ju 03/05/20*

response 29187

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	30.90
69.00	22.10	18.01
0.00	0.00	0.00

Quantitation Report (Qedit)

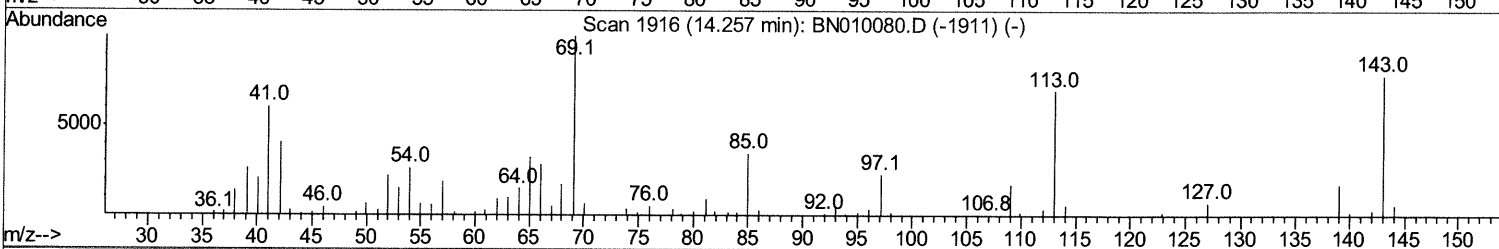
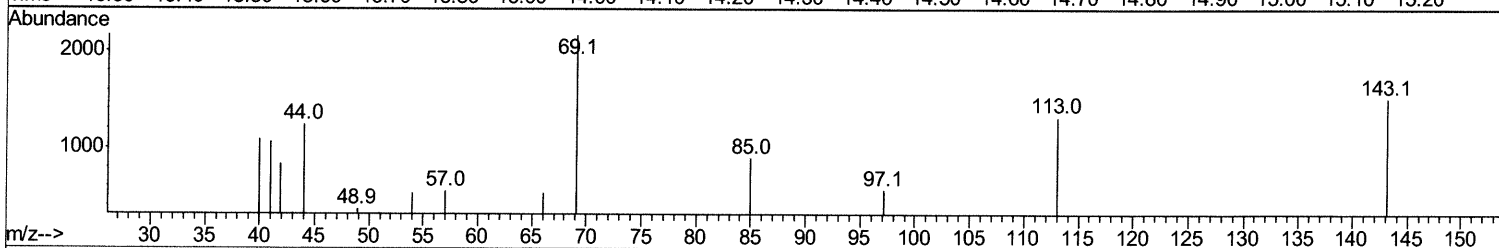
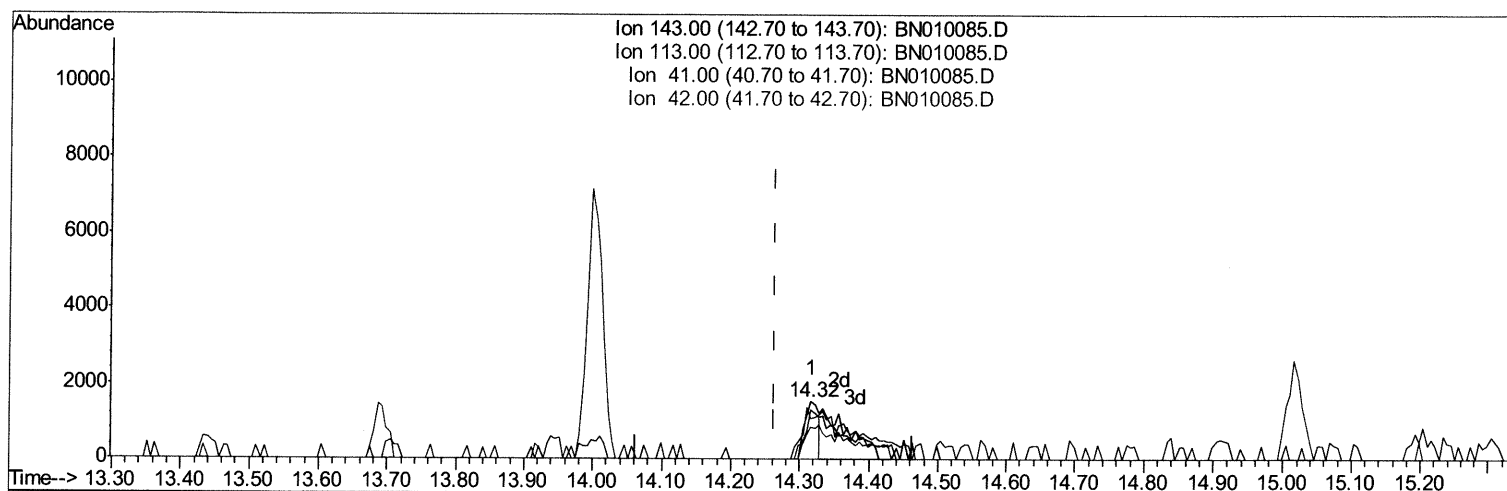
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.053) 0.79ng/ul

response 2163

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	86.94
41.00	66.00	70.18
42.00	43.20	55.08#

Quantitation Report (Qedit)

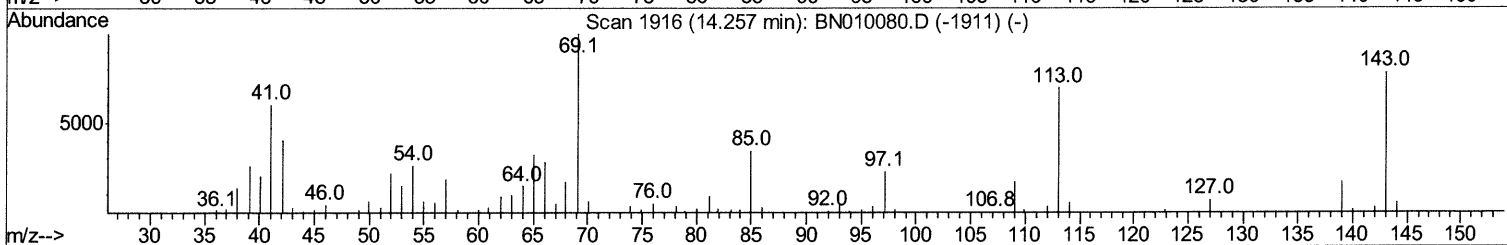
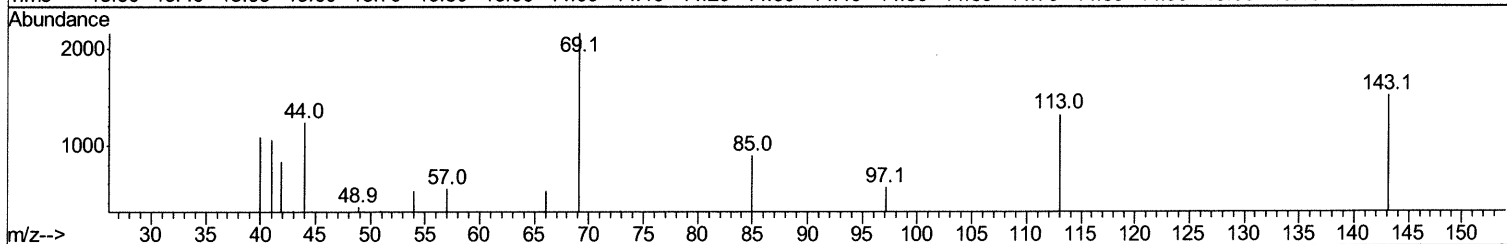
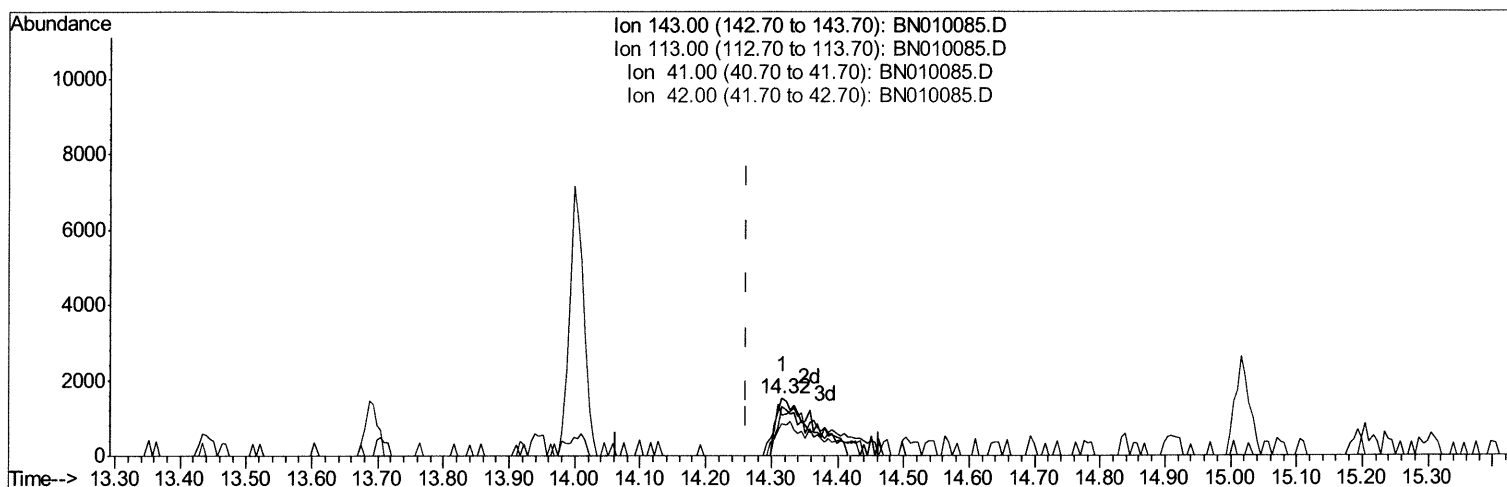
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.053) 2.12ng/ul m *Ju 03/05/20*

response 5794

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	86.94
41.00	66.00	70.18
42.00	43.20	55.08#

Quantitation Report (Qedit)

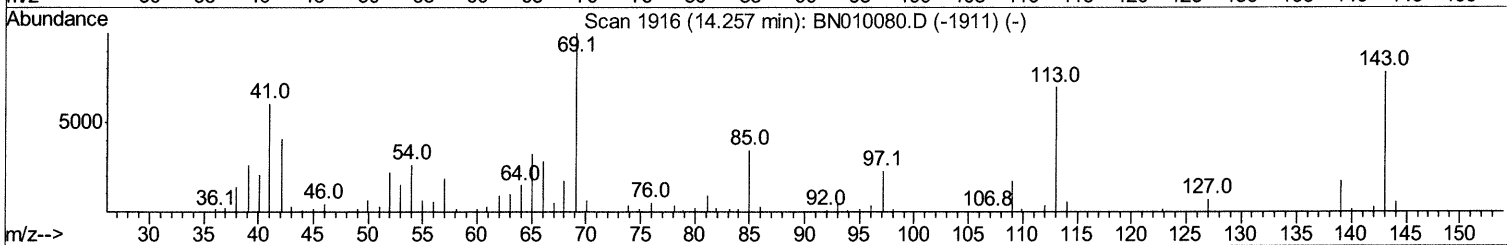
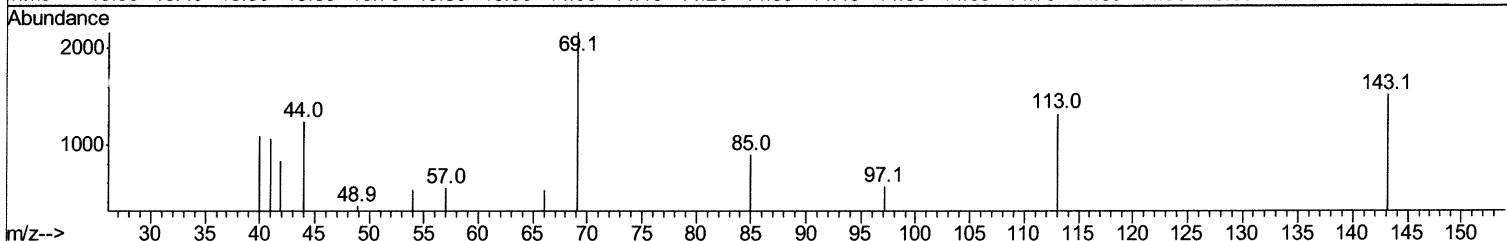
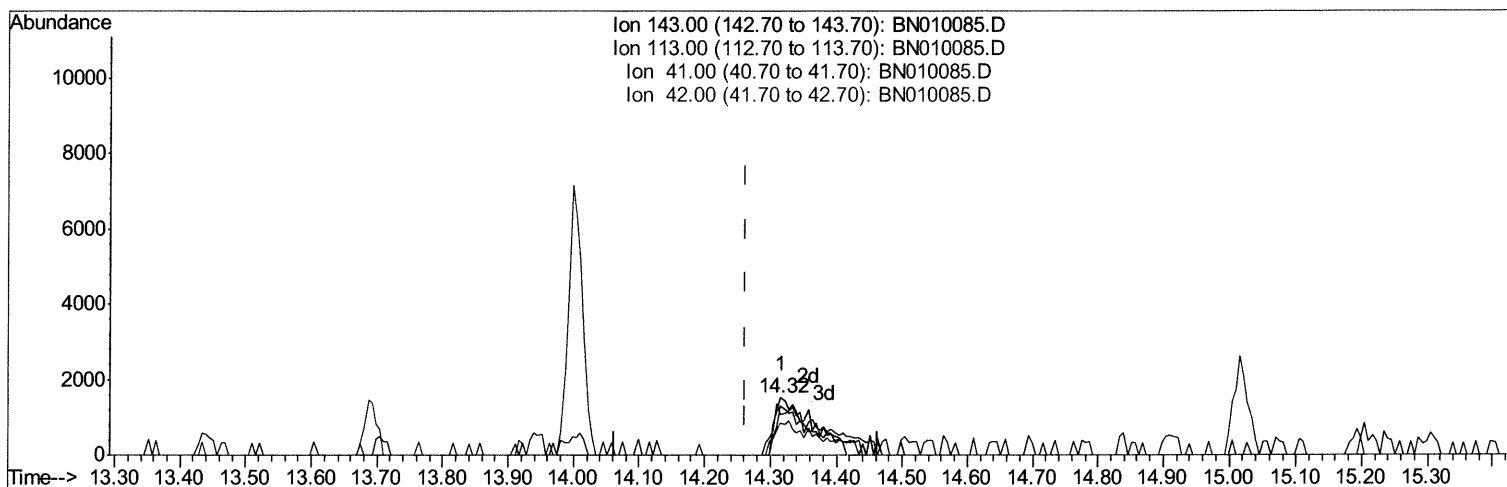
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.053) 2.12ng/ul m **JU 03/05/20**

response 5794

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	86.94
41.00	66.00	70.18
42.00	43.20	55.08#

Quantitation Report (Qedit)

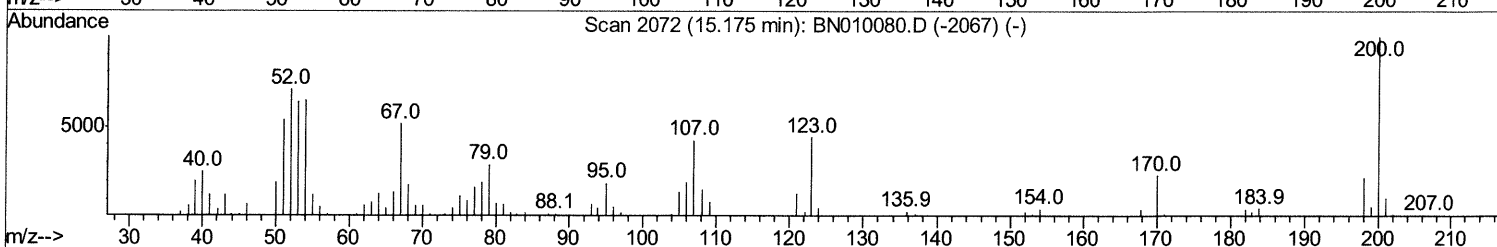
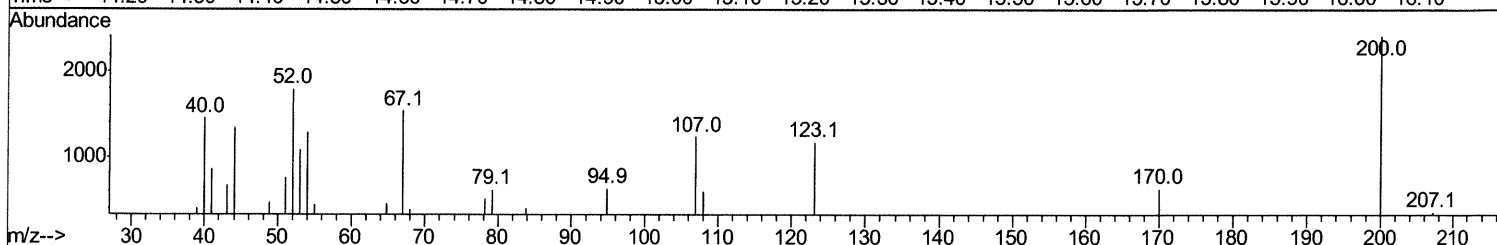
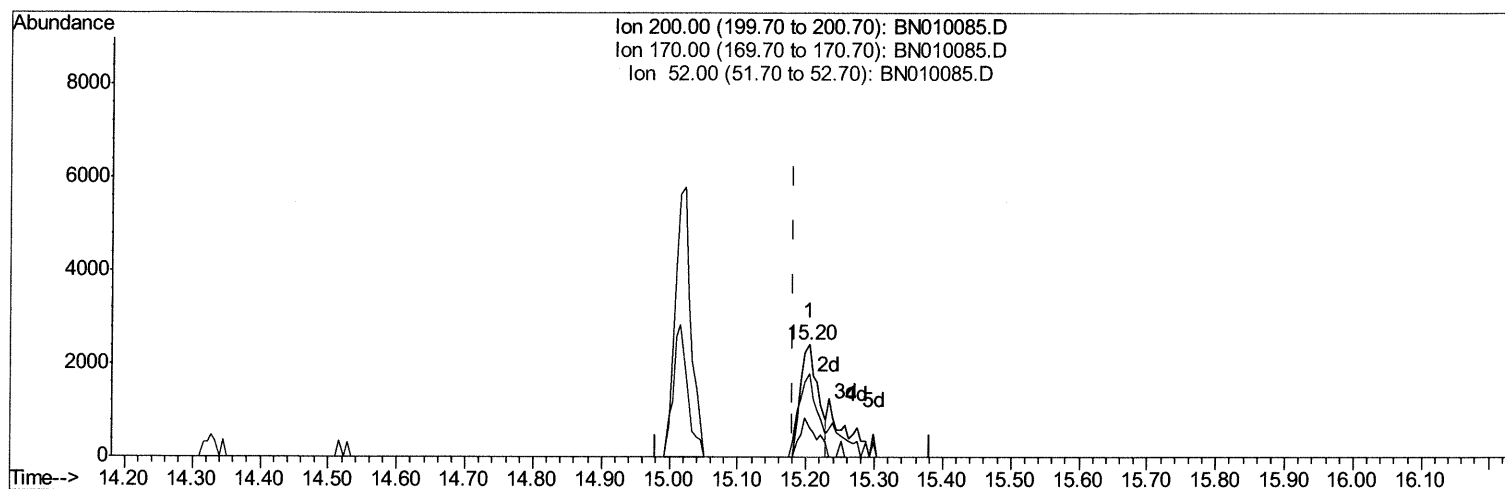
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.023) 1.58ng/ul

response 4356

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	26.03
52.00	71.30	74.14
0.00	0.00	0.00

Quantitation Report (Qedit)

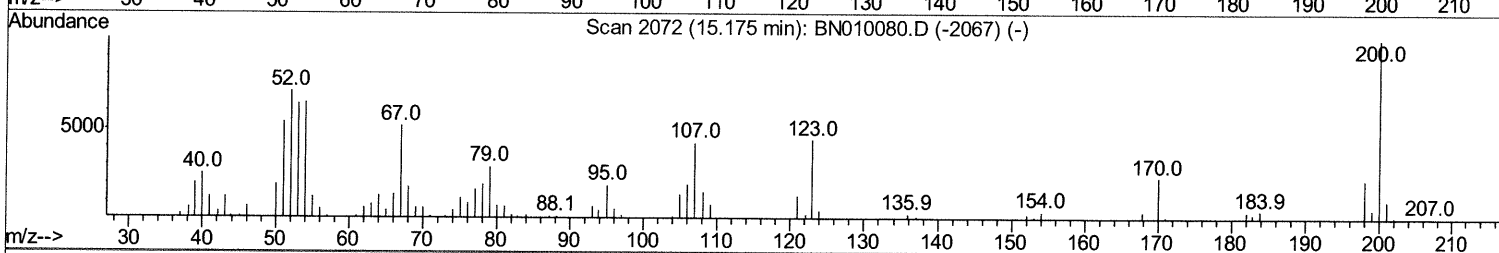
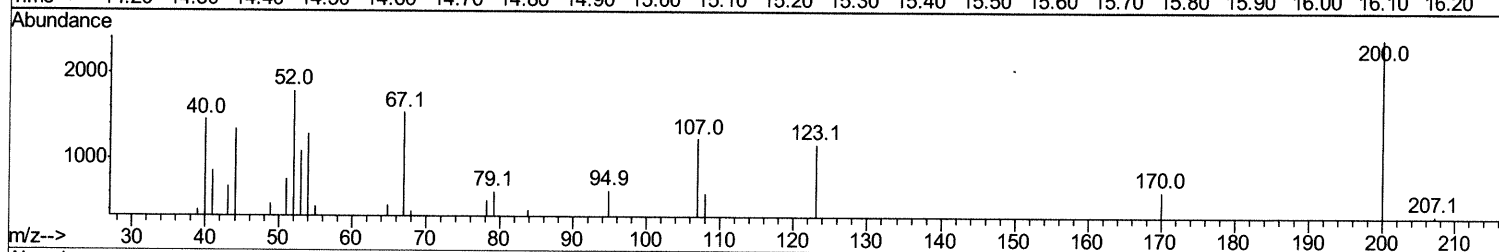
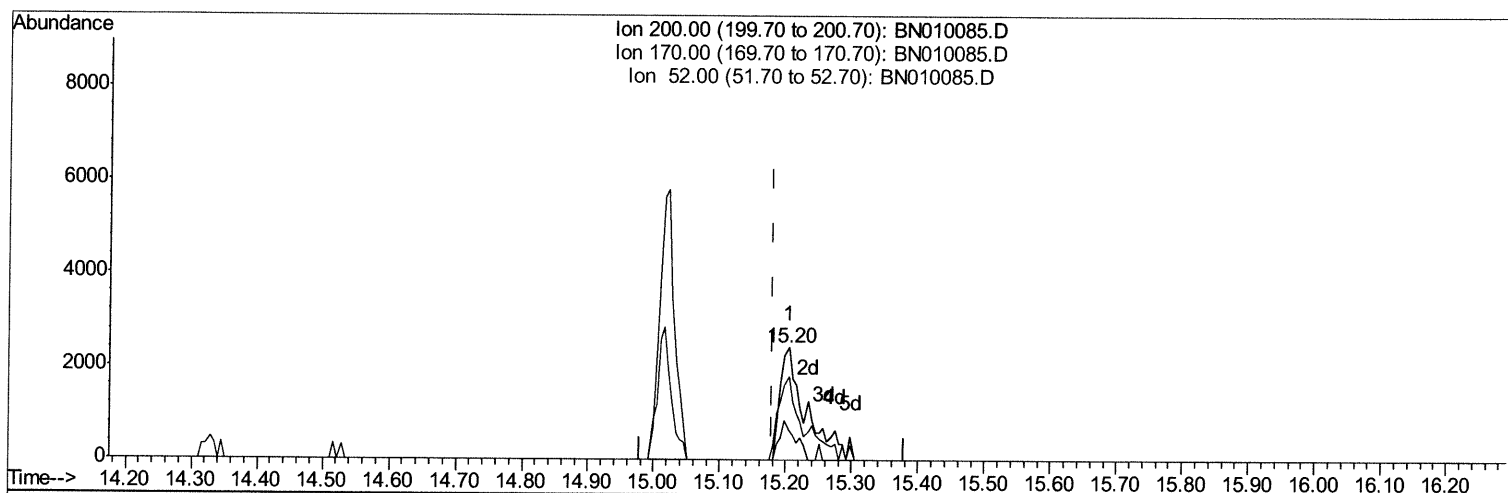
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.023) 2.37ng/ul m **Ju 03/05/20**

response 6525

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	26.03
52.00	71.30	74.14
0.00	0.00	0.00

Quantitation Report (Qedit)

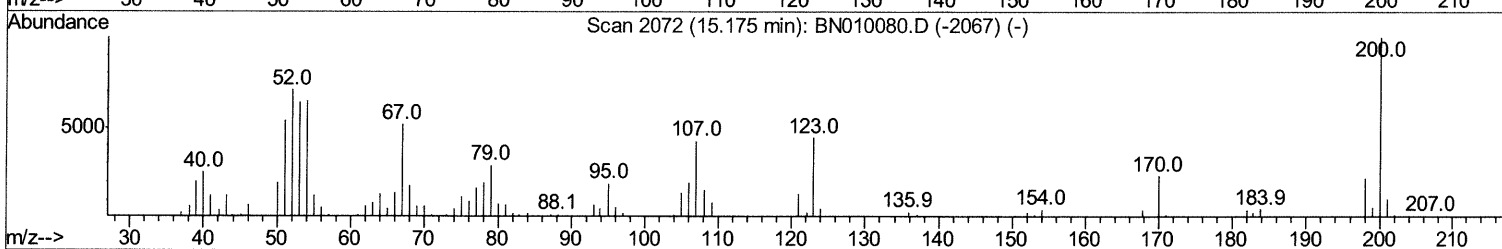
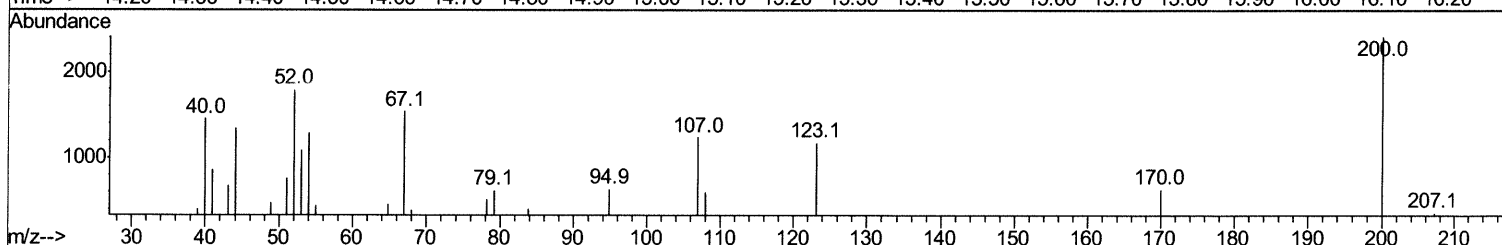
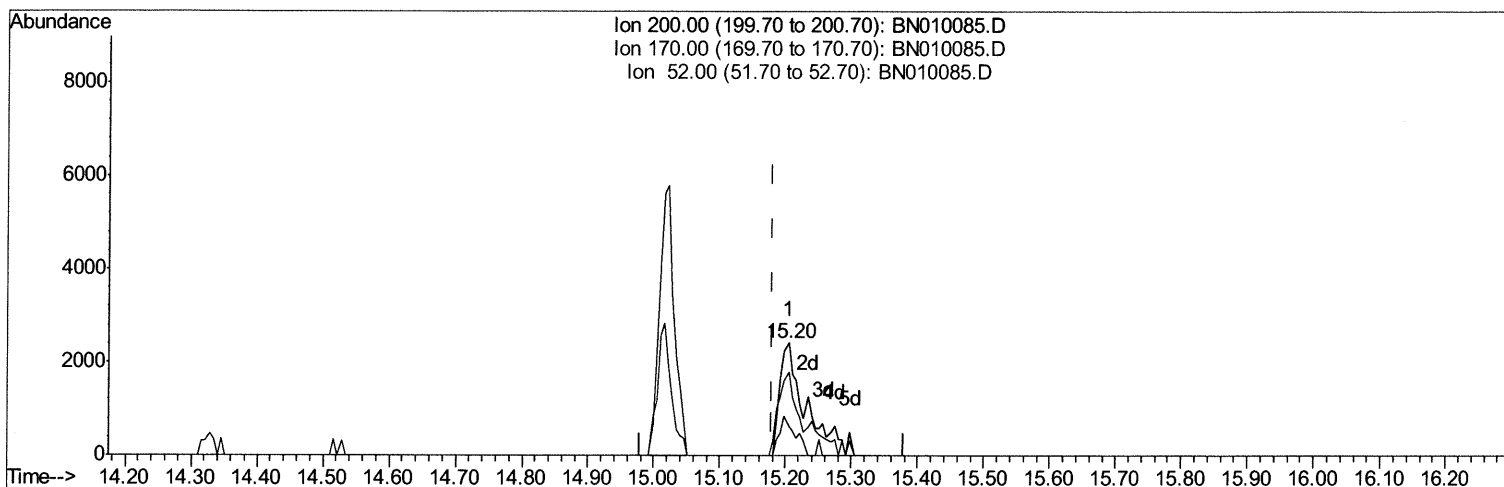
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010085.D
Acq On : 04 Mar 2020 16:14
Operator : CG/JU
Sample : L1641-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6Z2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:19:51 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



TIC: BN010085.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.023) 2.37ng/ul m *Ju 03/05/20*

response 6525

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	26.03
52.00	71.30	74.14
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
 Data File : BN010085.D
 Acq On : 04 Mar 2020 16:14
 Operator : CG/JU
 Sample : L1641-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Z2

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:01 PM

Quant Time: Mar 05 03:23:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	70609	20.00	nq/ul	0.00
18) Naphthalene-d8	10.10	136	288575	20.00	nq/ul	0.00
36) Acenaphthene-d10	14.00	164	200342	20.00	nq/ul	0.00
62) Phenanthrene-d10	16.76	188	443921	20.00	nq/ul	0.00
78) Chrysene-d12	20.99	240	408233	20.00	nq/ul	0.00
86) Perylene-d12	23.09	264	457016	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2157m >	1.26	nq/uL >	0.00	Ju 03/05/20
5) Phenol-d5	6.58	99	29381	4.89	nq/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.73	67	22974	5.54	nq/ul	0.00	
9) 2-Chlorophenol-d4	6.91	132	25650	5.67	nq/ul	0.00	
13) 4-Methylphenol-d8	8.10	113	15914	3.33	nq/ul	0.02	
19) Nitrobenzene-d5	8.52	128	10413	4.93	nq/ul	0.01	
22) 2-Nitrophenol-d4	9.23	143	10850	4.70	nq/ul	0.02	
26) 2,4-Dichlorophenol-d3	9.78	165	21259m }	4.79	nq/ul }	0.03	Ju 03/05/20
29) 4-Chloroaniline-d4	10.30	131	29187m }	5.85	nq/ul }	0.04	
44) Dimethylphthalate-d6	13.44	166	94551	6.32	nq/ul	0.00	
47) Acenaphthylene-d8	13.69	160	98288	5.58	nq/ul	0.00	
52) 4-Nitrophenol-d4	14.32	143	5794m >	2.12	nq/ul >	0.05	Ju 03/05/20
58) Fluorene-d10	15.02	176	81900	6.34	nq/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.20	200	6525m >	2.37	nq/ul >	0.02	Ju 03/05/20
71) Anthracene-d10	16.87	188	118640	5.83	nq/ul	0.00	
79) Pyrene-d10	19.18	212	144328	6.76	nq/ul	0.00	
90) Benzo(a)pyrene-d12	22.96	264	139885	6.13	ng/ul	0.00	

Target Compounds

				Ovalue	
77) Fluoranthene	18.85	202	36393	1.226	nq/ul 97
80) Pvrene	19.21	202	33691	1.145	nq/ul# 95

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