

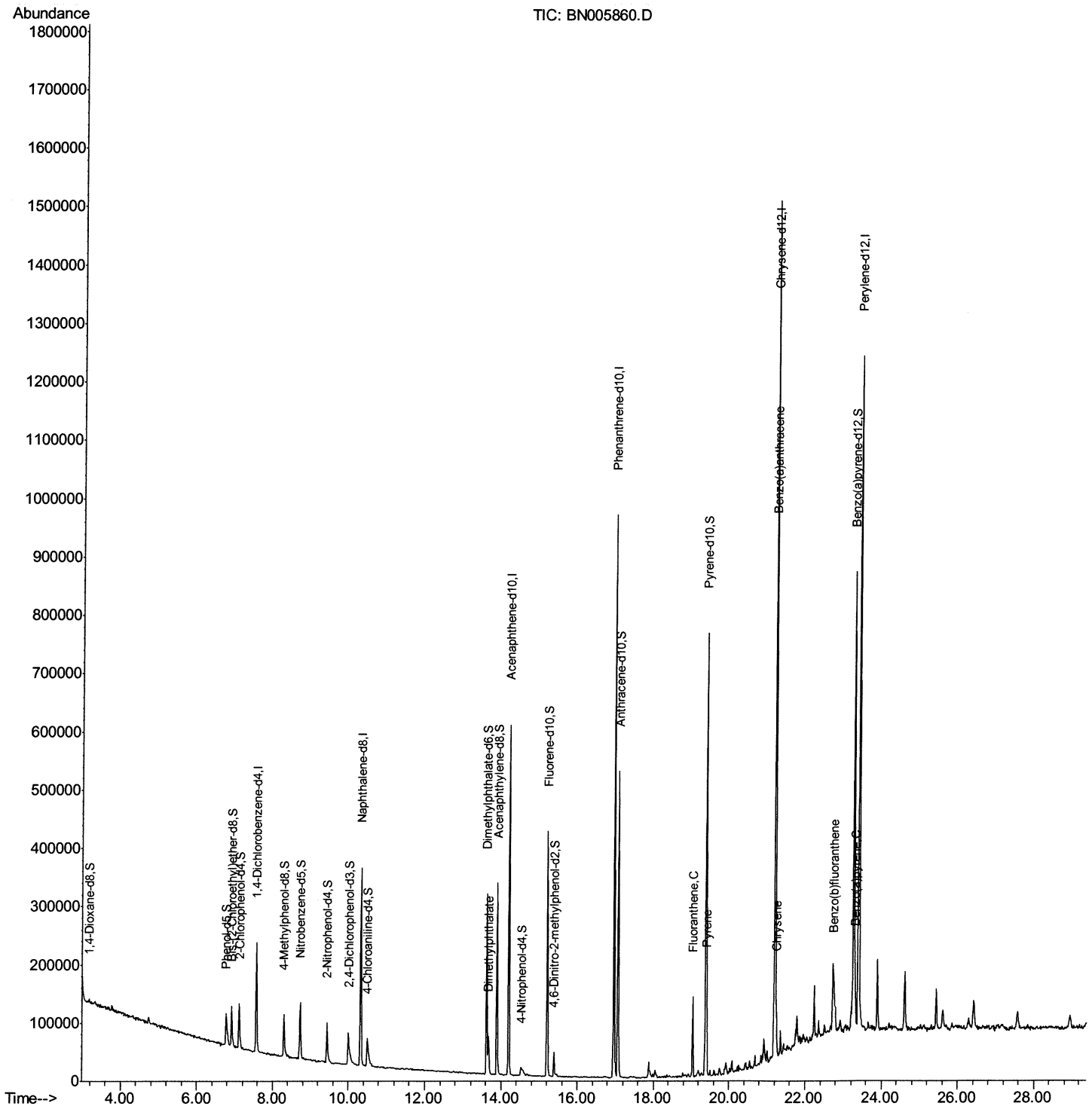
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005860.D
Acq On : 22 May 2019 20:35
Operator : JU/SJ
Sample : k2925-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4298

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:54 PM

Quant Time: May 23 05:45:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

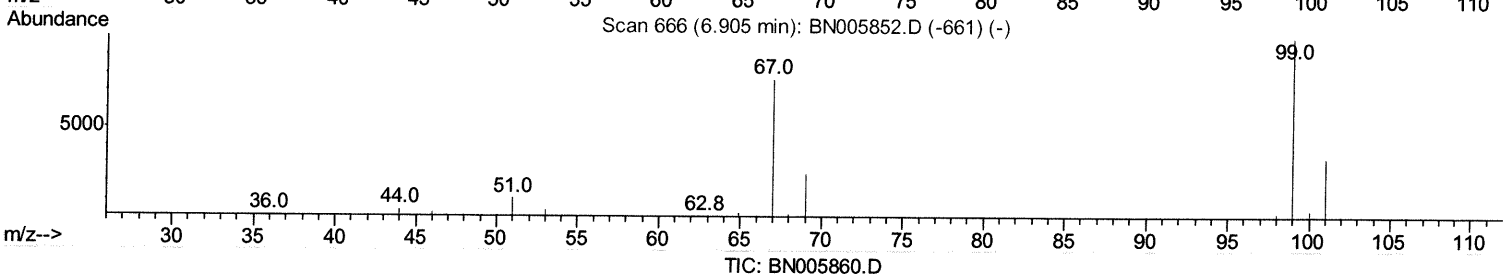
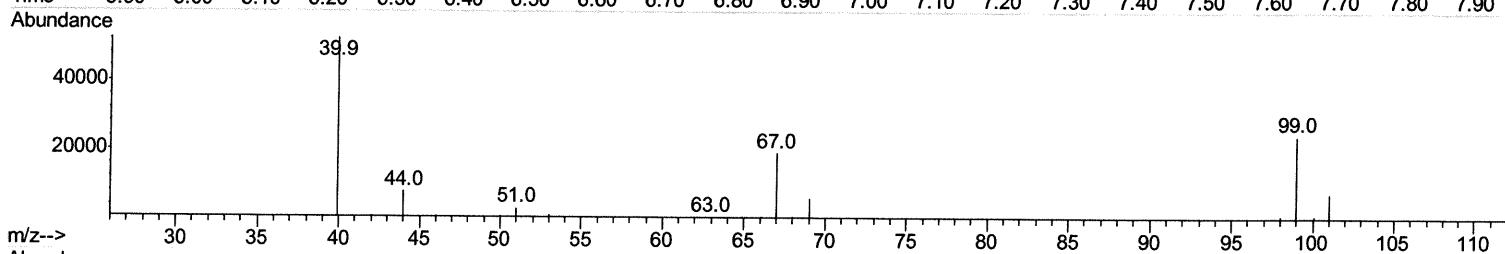
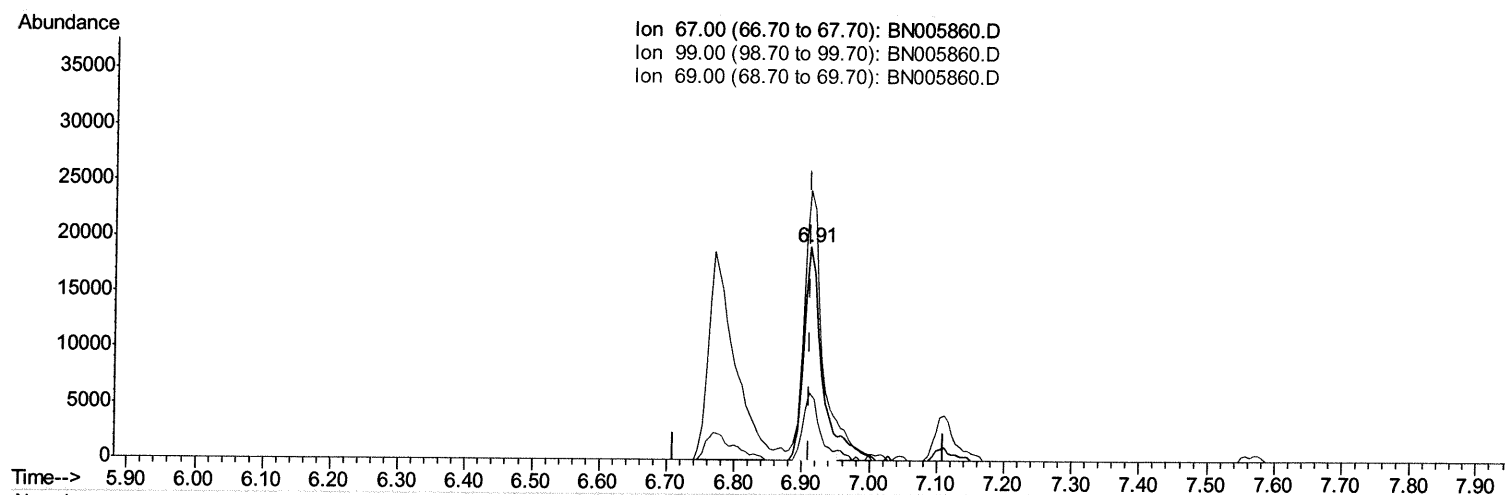
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.911min (+0.000) 12.85ng/ul

response 32888

Ion	Exp%	Act%
67.00	100	100
99.00	119.30	126.73
69.00	30.60	31.73
0.00	0.00	0.00

Quantitation Report (Qedit)

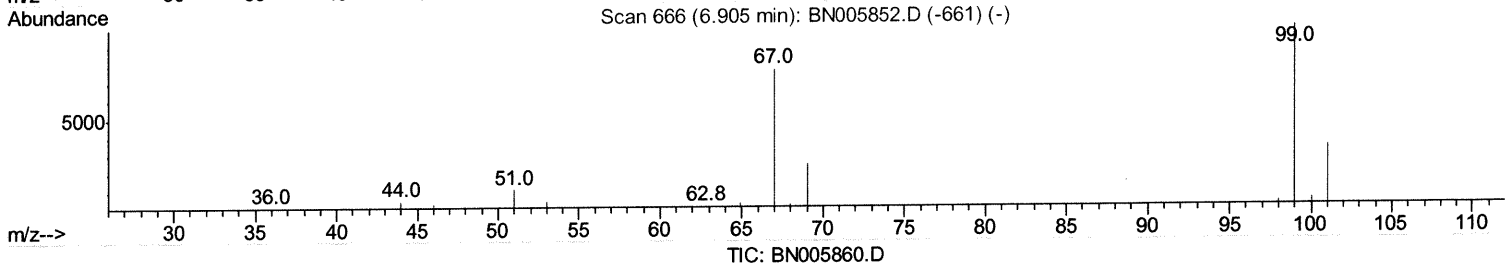
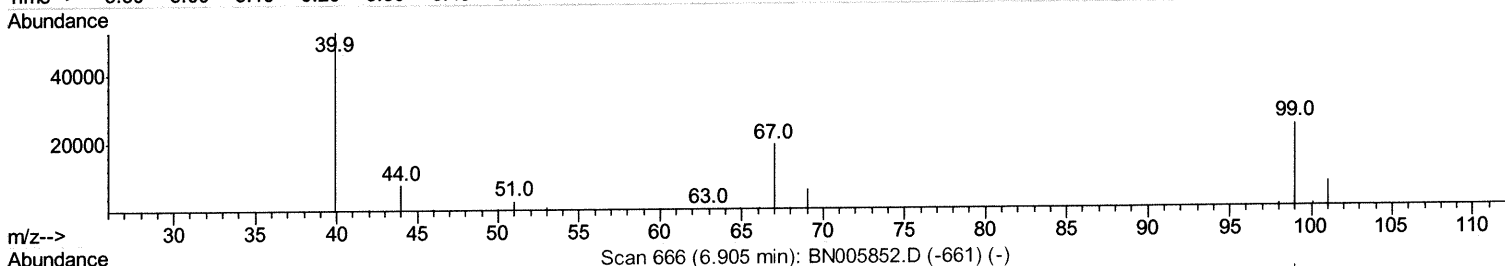
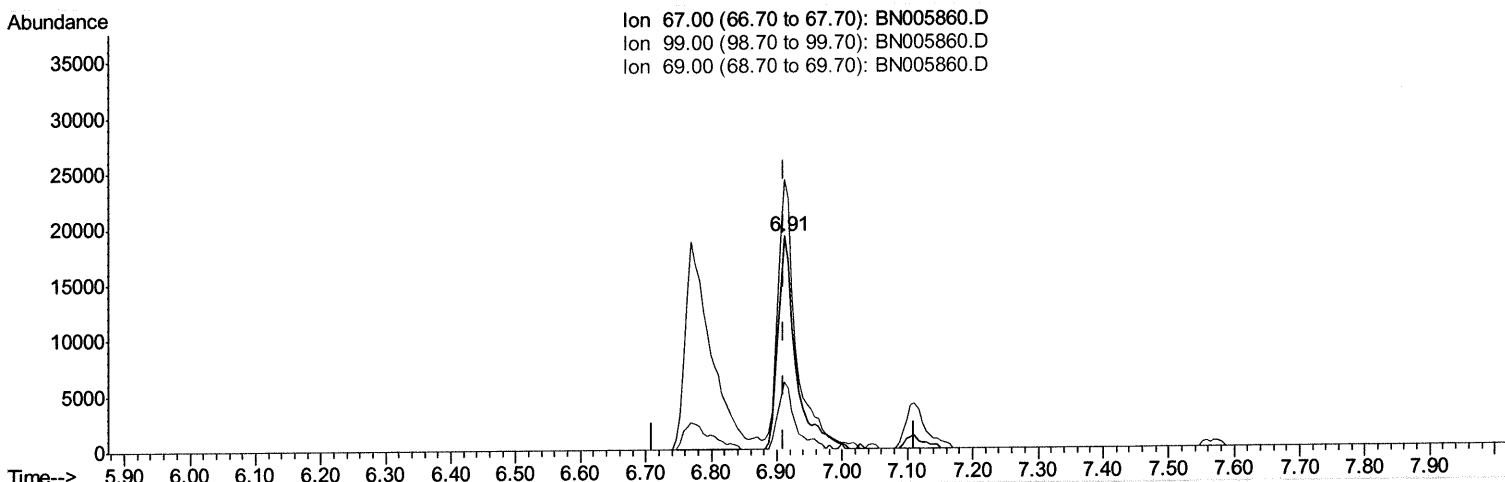
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.911min (+0.000) 14.24ng/ul m

JU
 06/04/19

response 36445

Ion	Exp%	Act%
67.00	100	100
99.00	119.30	126.73
69.00	30.60	31.73
0.00	0.00	0.00

Quantitation Report (Qedit)

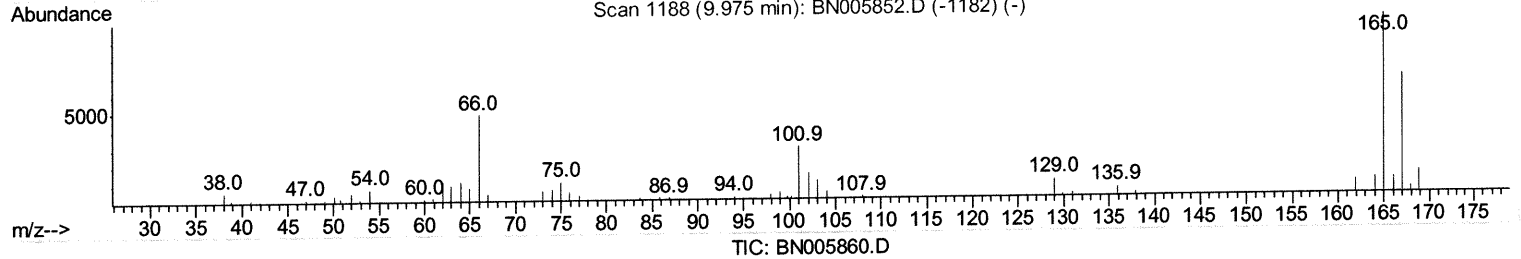
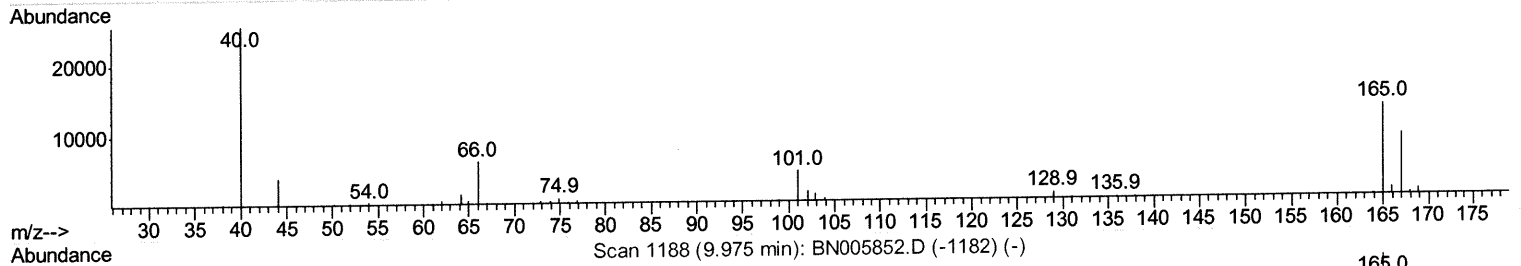
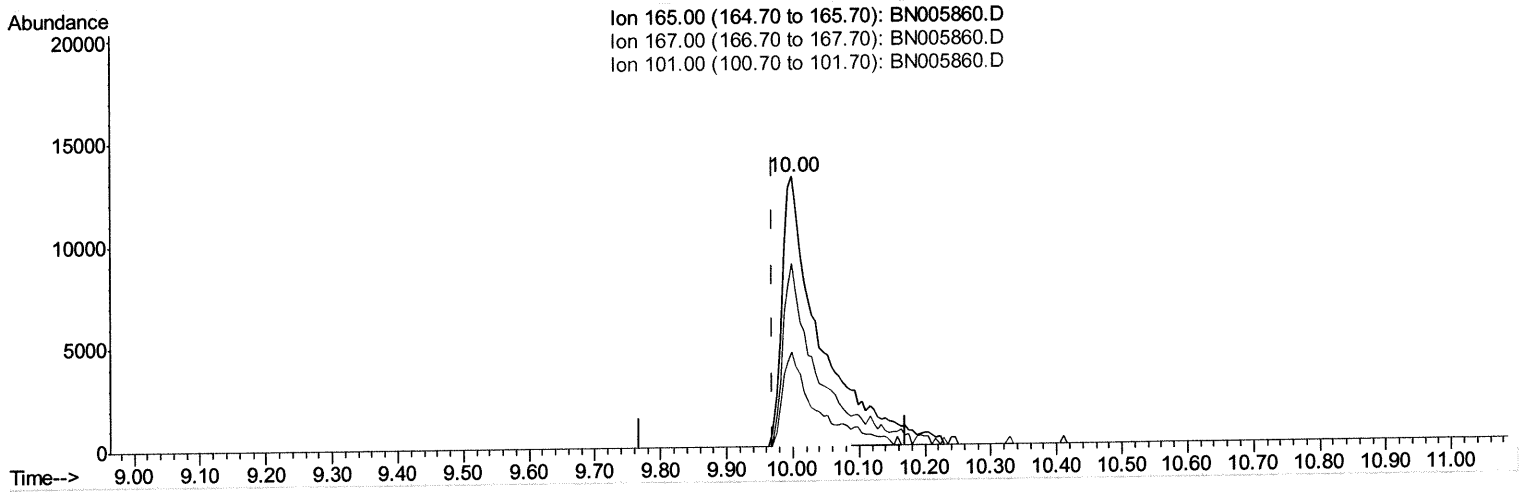
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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 QLast Update : Wed May 22 04:04:33 2019
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(26) 2,4-Dichlorophenol-d3 (S)

9.999min (+0.029) 9.48ng/ul

response 44458

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	67.93
101.00	37.50	34.81
0.00	0.00	0.00

Quantitation Report (Qedit)

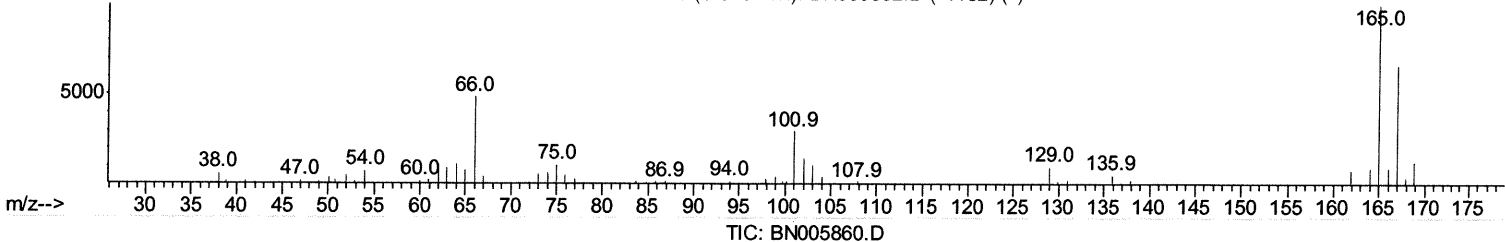
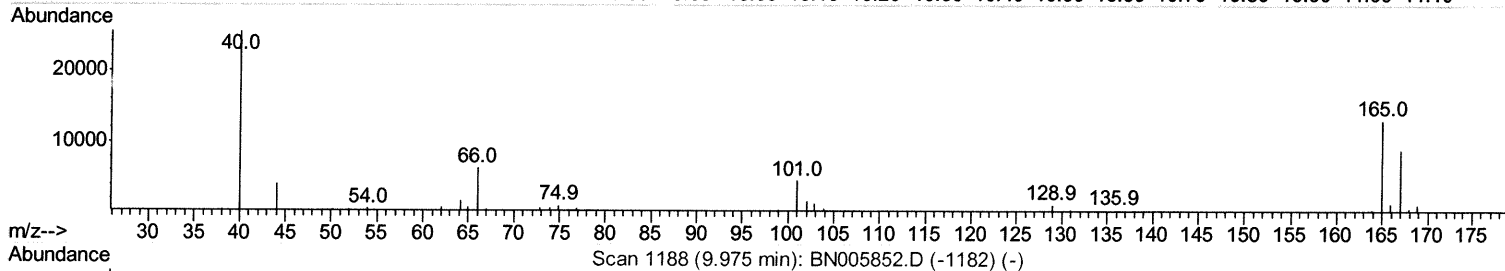
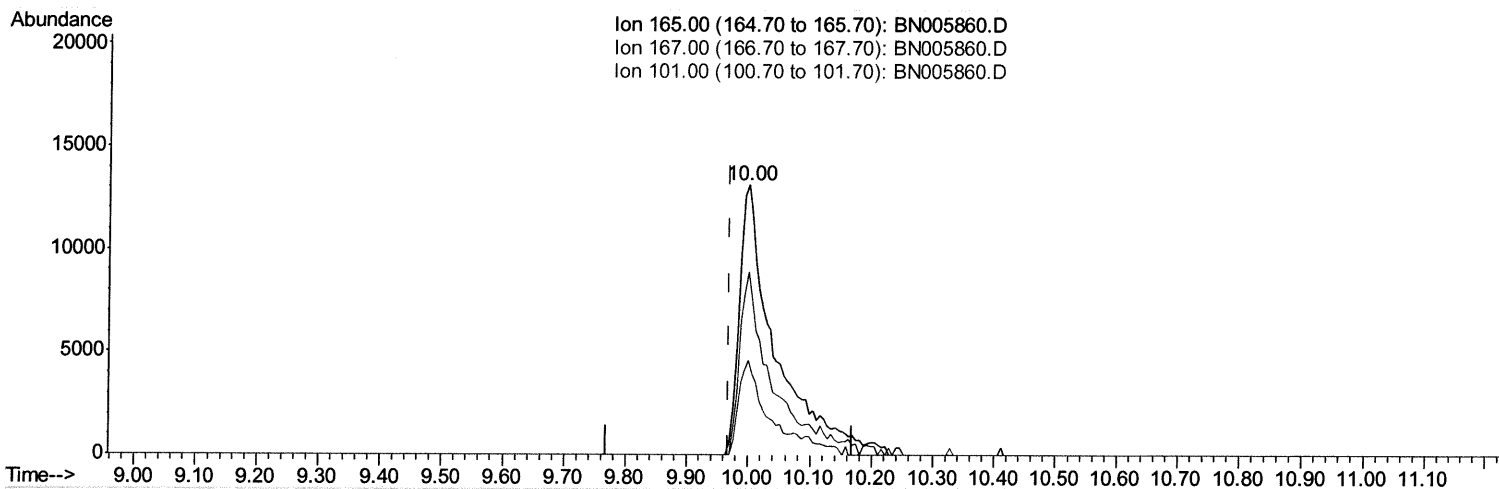
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4298

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



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

9.999min (+0.029) 11.46ng/ul m *JU 06/04/19*

response 53708

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	67.93
101.00	37.50	34.81
0.00	0.00	0.00

Quantitation Report (Qedit)

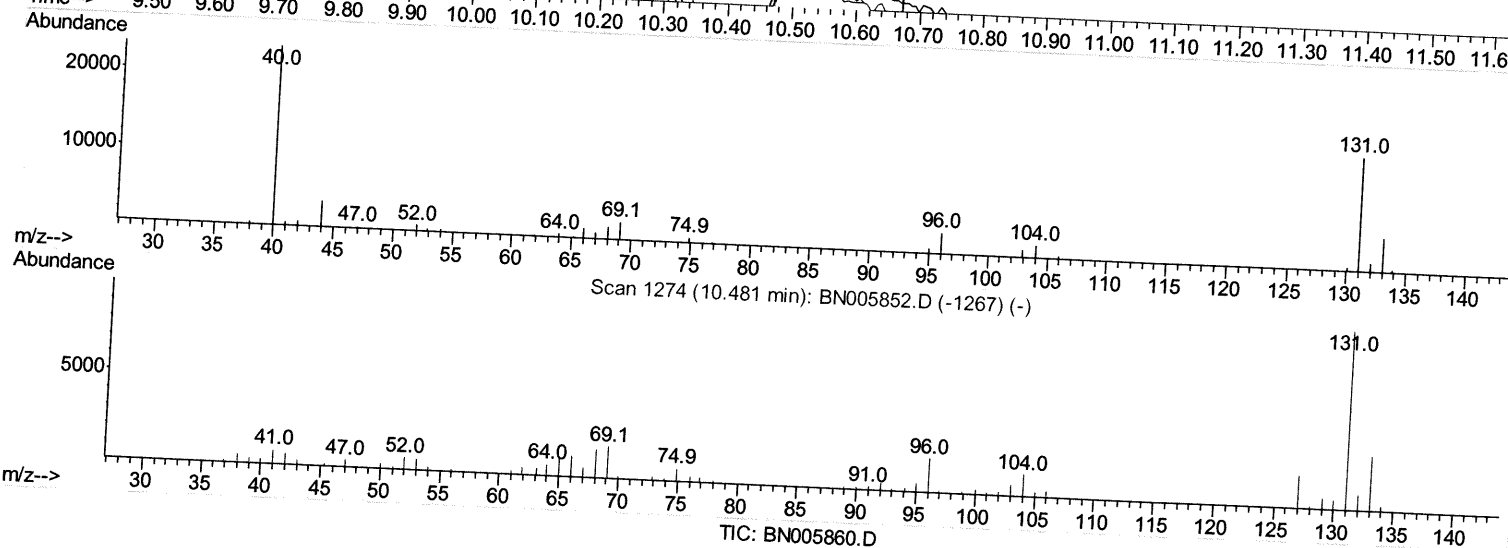
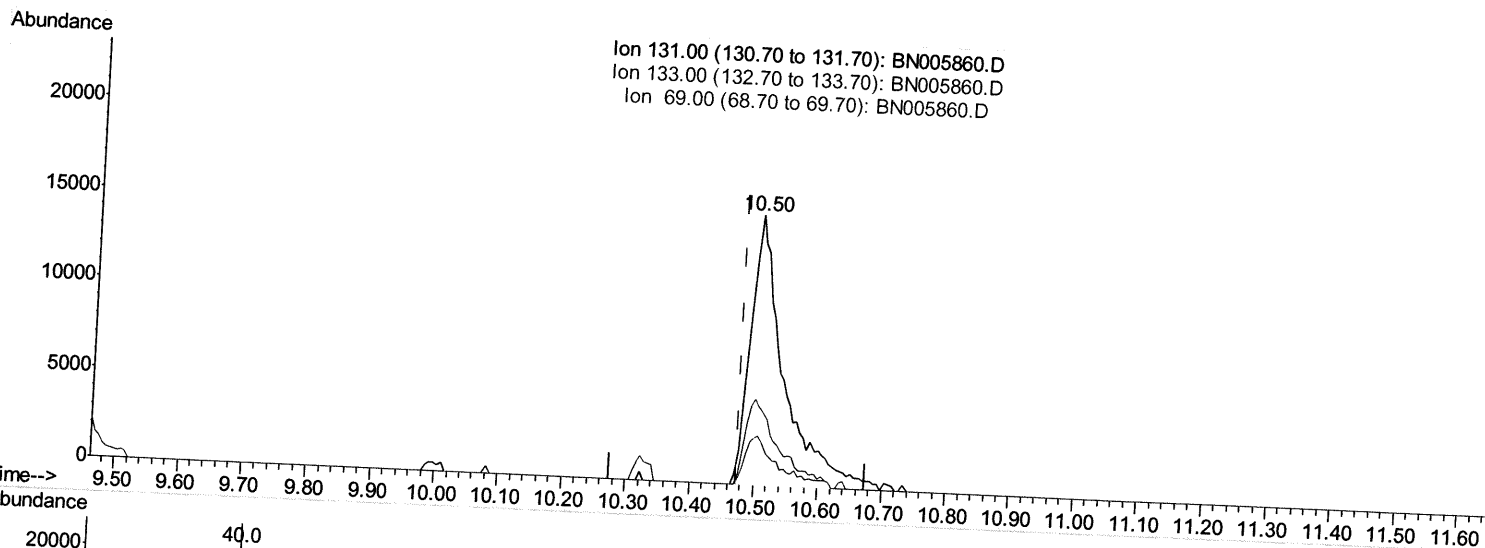
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4298

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.499min (+0.024) 10.21ng/ul

response 53135

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.74
69.00	18.90	17.25
0.00	0.00	0.00

Quantitation Report (Qedit)

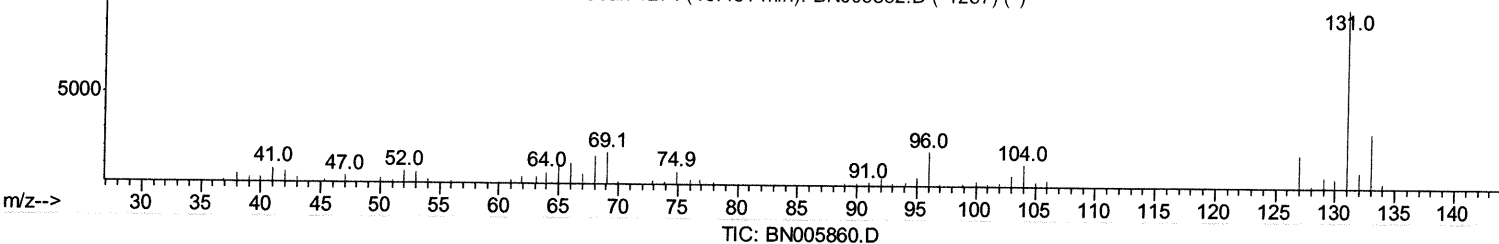
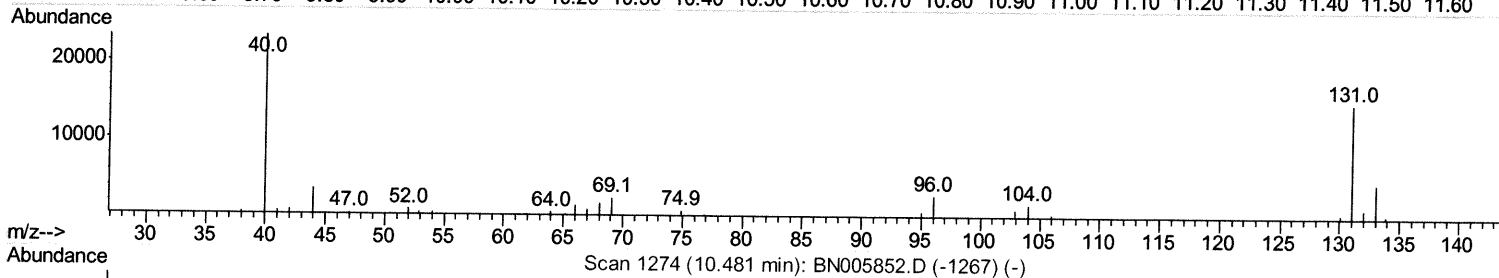
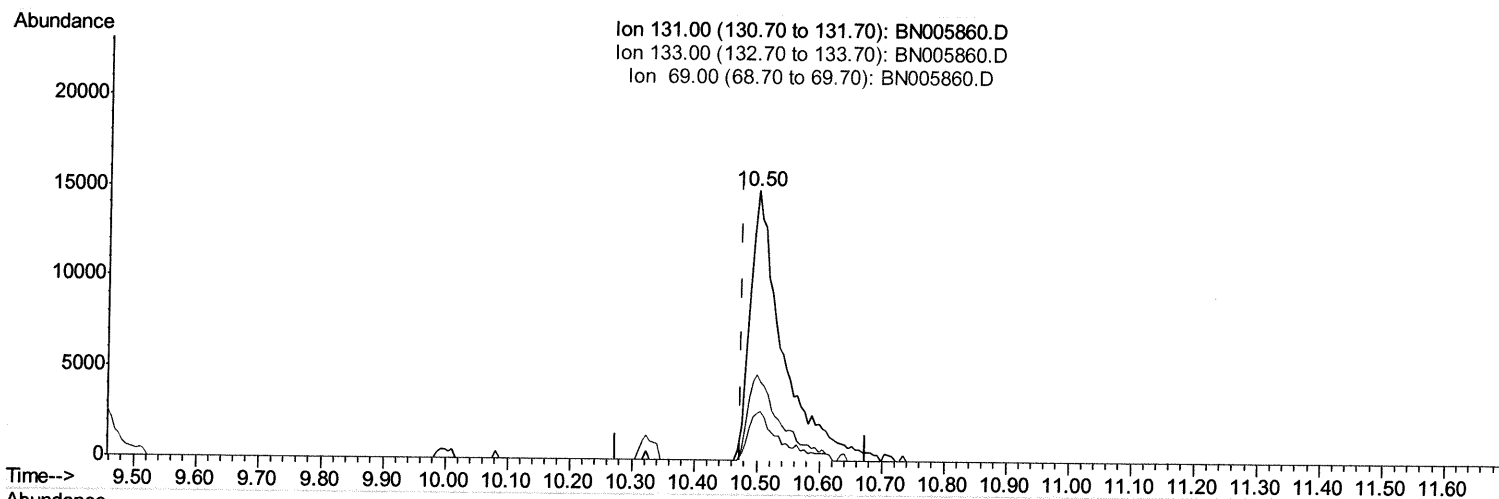
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4298

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.499min (+0.024) 10.49ng/ul m

JU
 06/04/19

response 54598

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	31.74
69.00	18.90	17.25
0.00	0.00	0.00

Quantitation Report (Qedit)

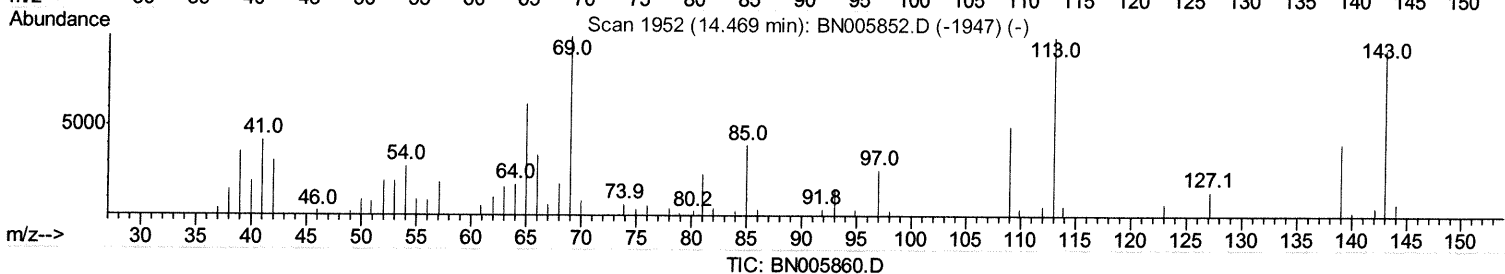
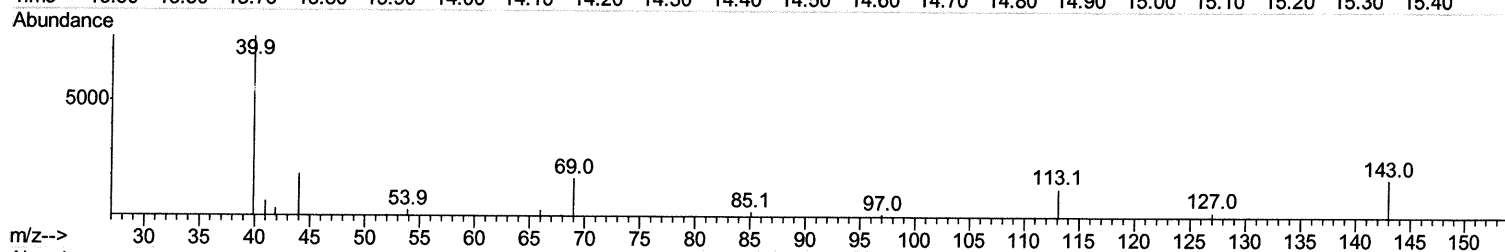
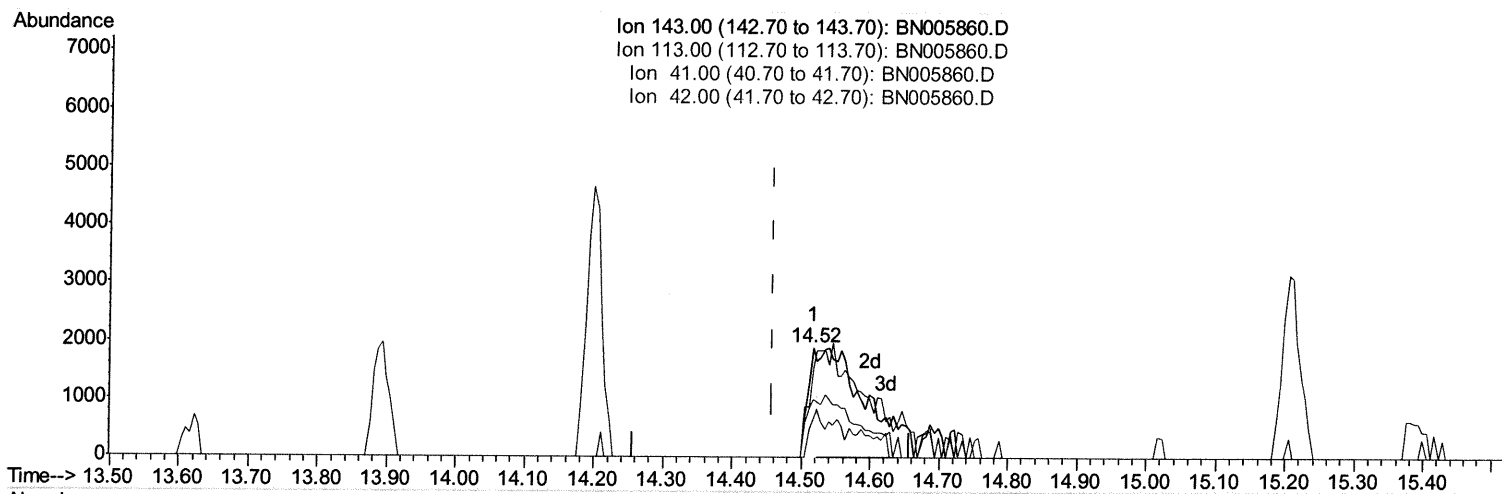
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005860.D
Acq On : 22 May 2019 20:35
Operator : JU/SJ
Sample : k2925-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4298

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



TIC: BN005860.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 0.85ng/ul

response 1946

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	80.41
41.00	47.90	52.20
42.00	31.70	34.99

Quantitation Report (Qedit)

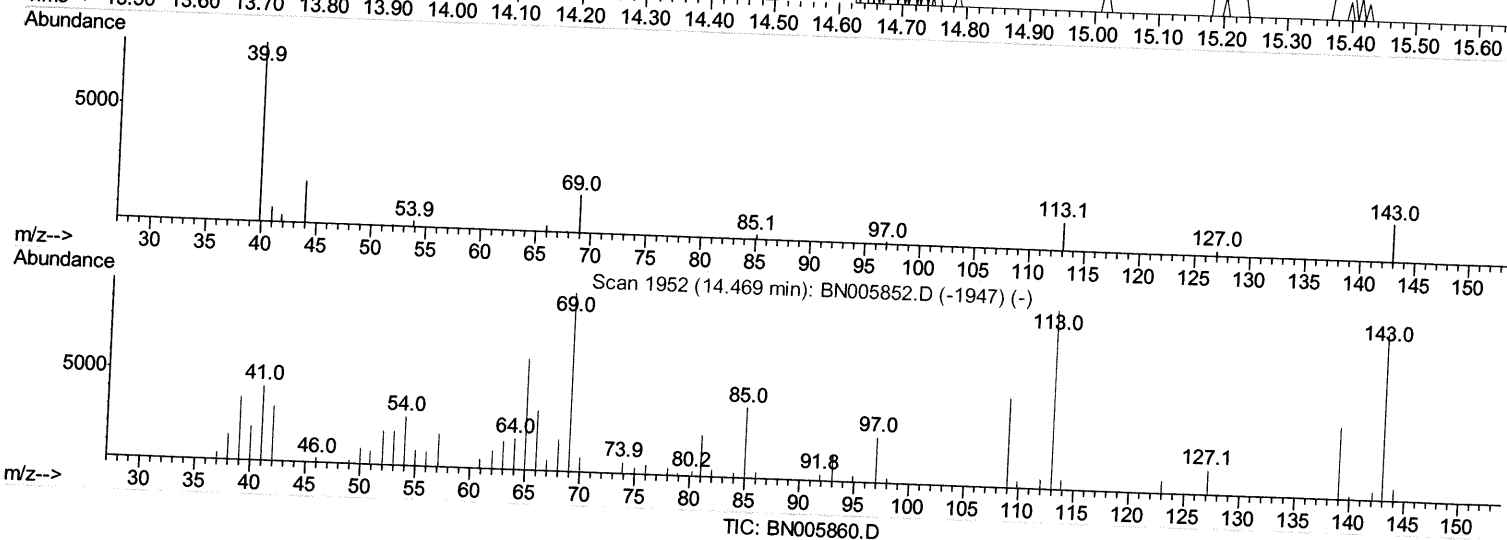
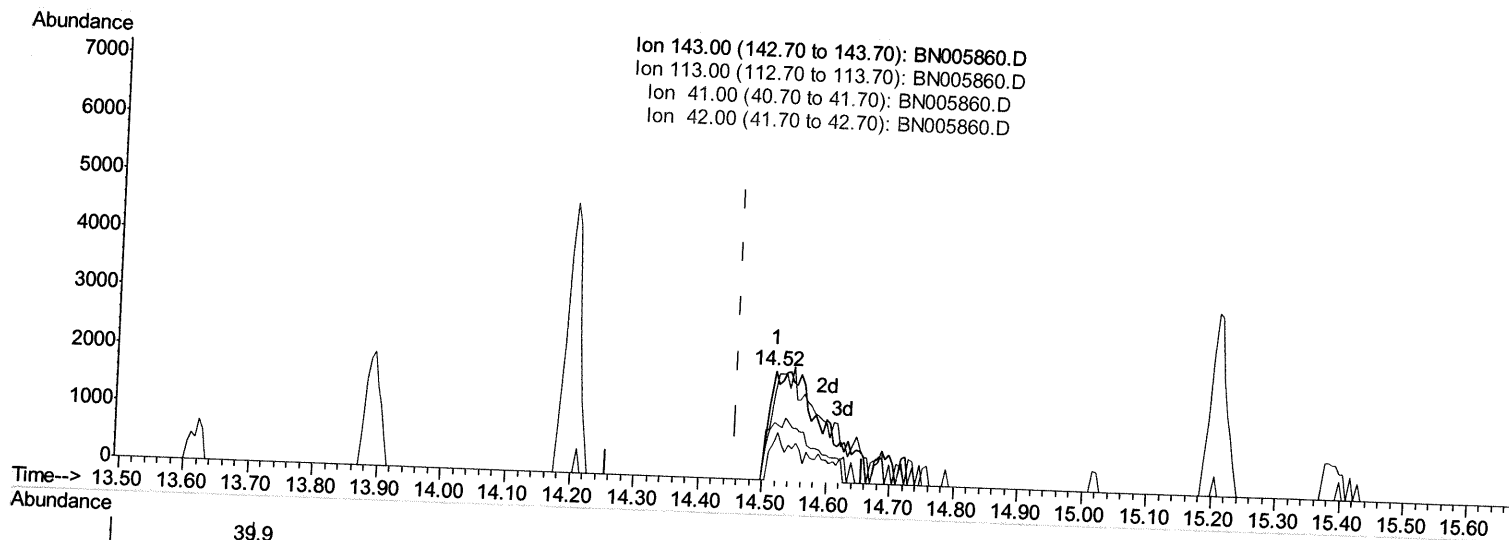
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4298

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 01:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 4.67ng/ul m *JU* 06/04/19

response 10752

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	80.41
41.00	47.90	52.20
42.00	31.70	34.99

Quantitation Report (Qedit)

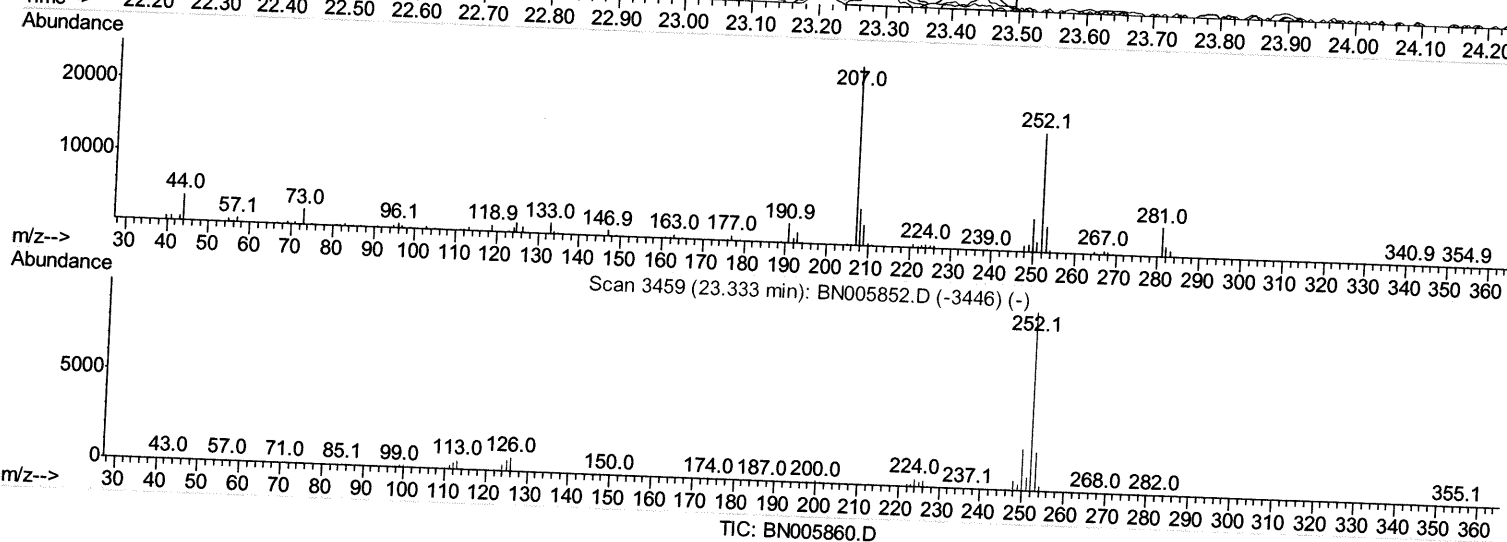
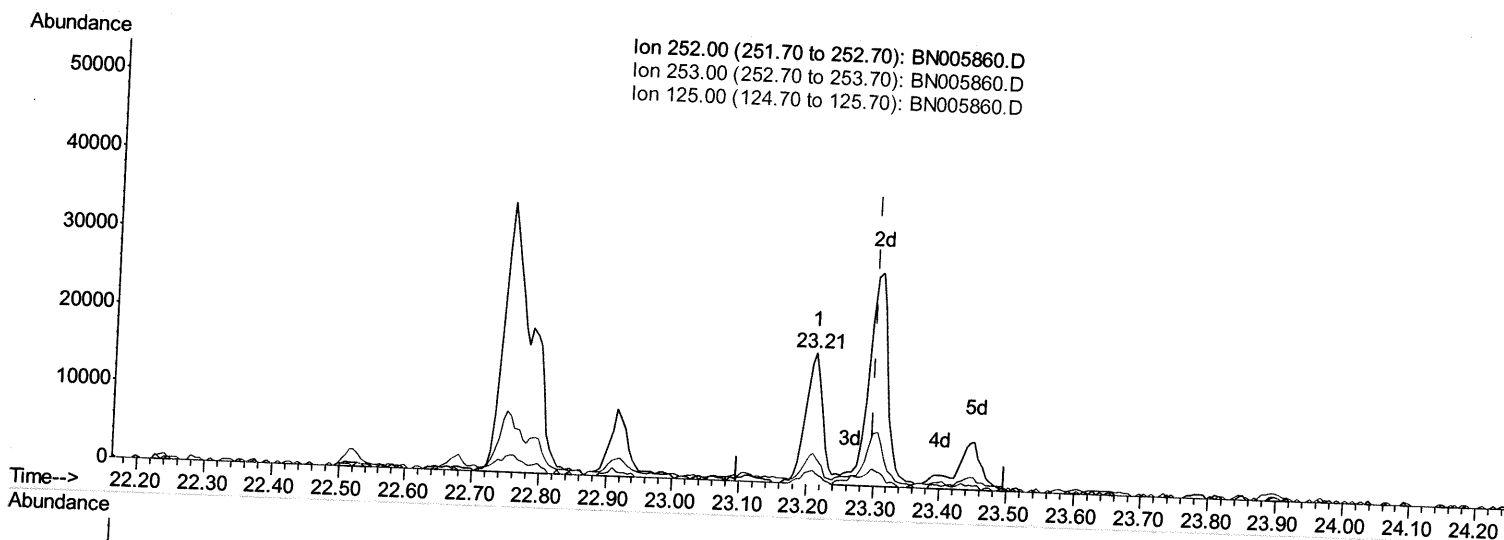
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 05:44:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.210min (-0.088) 0.63ng/ul

response 29619

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.15
125.00	10.80	10.08
0.00	0.00	0.00

Quantitation Report (Qedit)

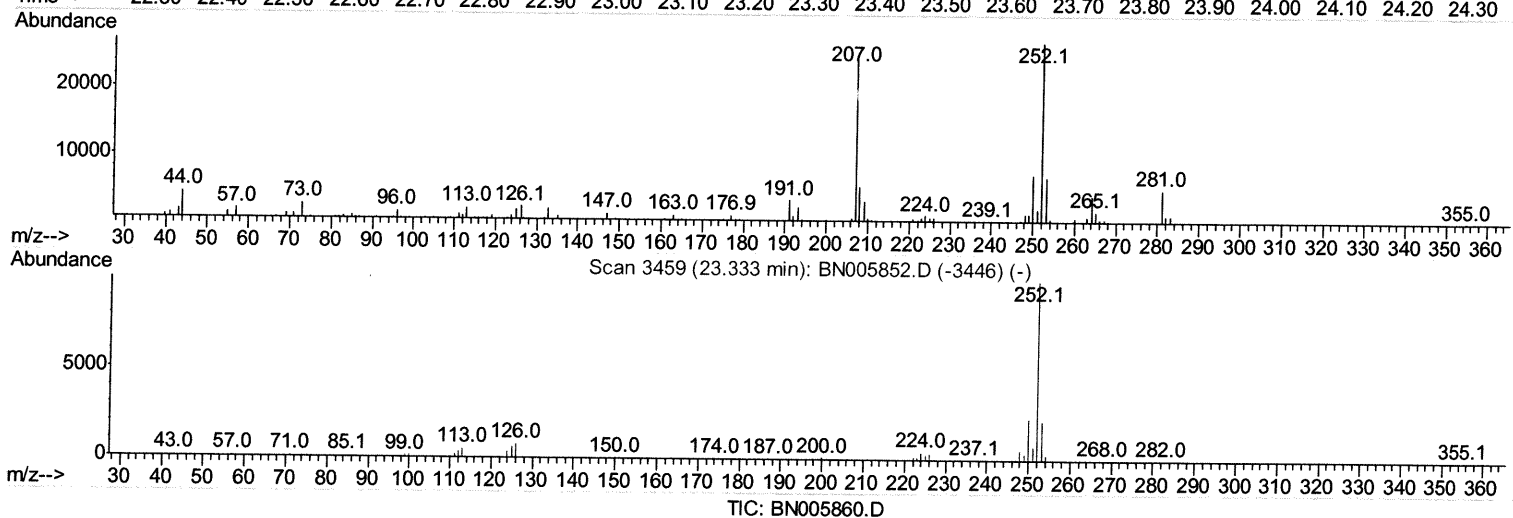
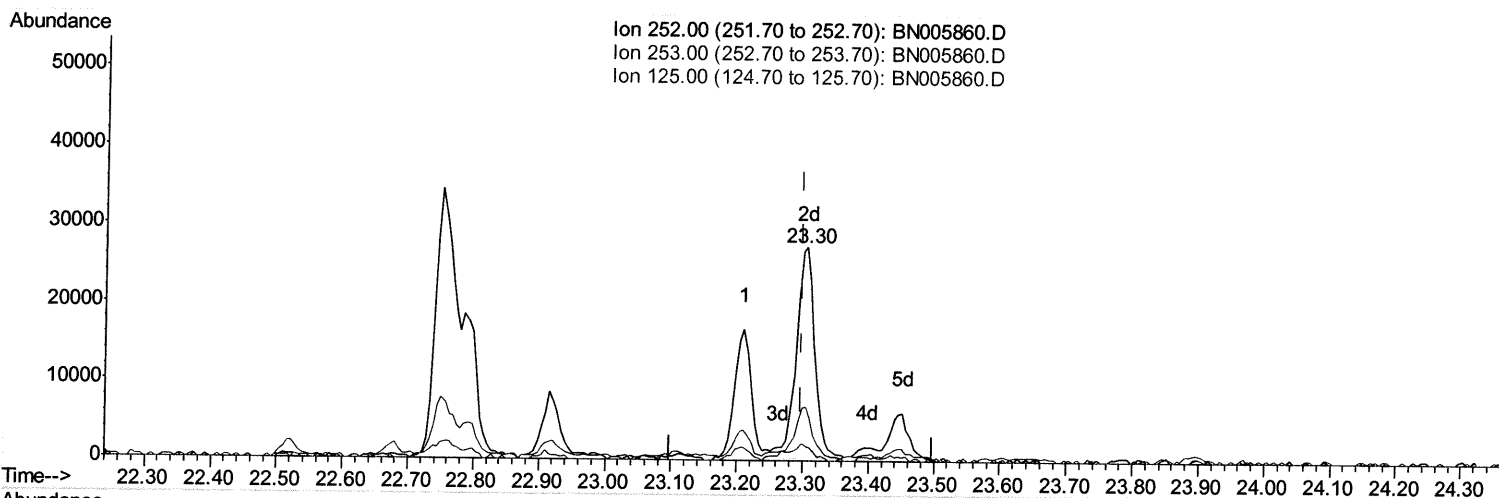
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005860.D
Acq On : 22 May 2019 20:35
Operator : JU/SJ
Sample : k2925-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:54 PM

Quant Time: May 23 05:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.304min (+0.006) 1.13ng/ul m *JU* *06/04/19*

response 53574

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.51
125.00	10.80	6.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:54 PM

Quant Time: May 23 05:45:47 2019

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	63467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	292996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	212199	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	575431	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	726728	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	888634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2881	2.54	ng/uL	0.00
5) Phenol-d5	6.77	99	50264	10.25	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	36445m>	14.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	46968	11.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	40023	9.54	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	25369	11.93	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	26967	10.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	53708m>	11.46	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	54598m>	10.49	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	234557	14.37	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	257672	12.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	10752m>	4.67	ng/ul	0.06
57) Fluorene-d10	15.20	176	207077	14.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12731	3.68	ng/ul	0.02
70) Anthracene-d10	17.06	188	352894	14.20	ng/ul	0.00
78) Pyrene-d10	19.37	212	446920	12.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	543286	13.63	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.68	163	49837	3.096	ng/ul	99
76) Fluoranthene	19.04	202	92519	2.624	ng/ul#	86
79) Pyrene	19.41	202	88558	1.984	ng/ul#	88
82) Benzo(a)anthracene	21.18	228	66371	1.450	ng/ul	96
84) Chrysene	21.24	228	54791	1.269	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	73349	1.500	ng/ul#	95
90) Benzo(a)pyrene	23.30	252	53574m>	1.132	ng/ul	

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

JU
 06/04/19