Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

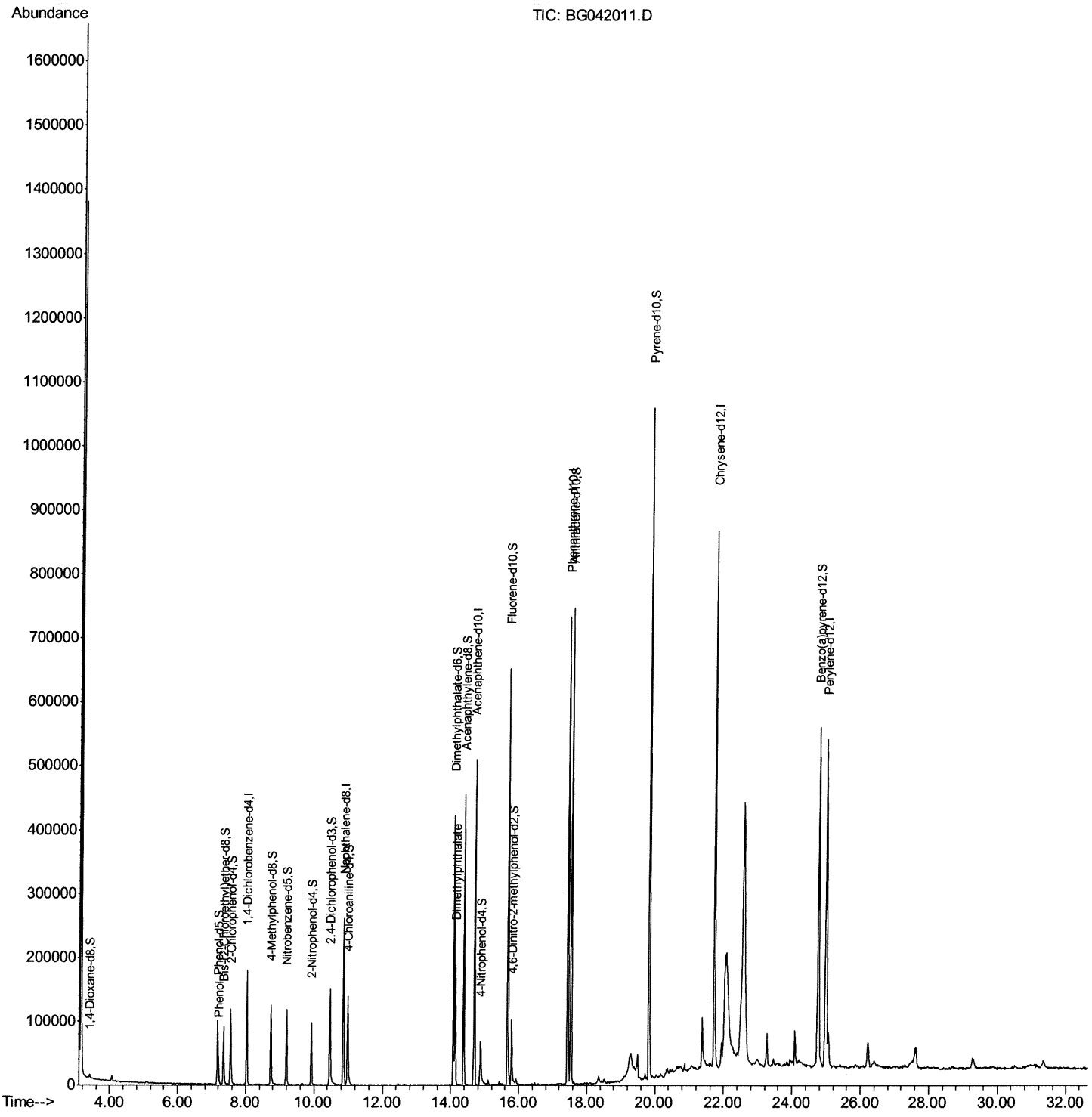
Quantitation Report (QT Reviewed)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:55:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:09 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

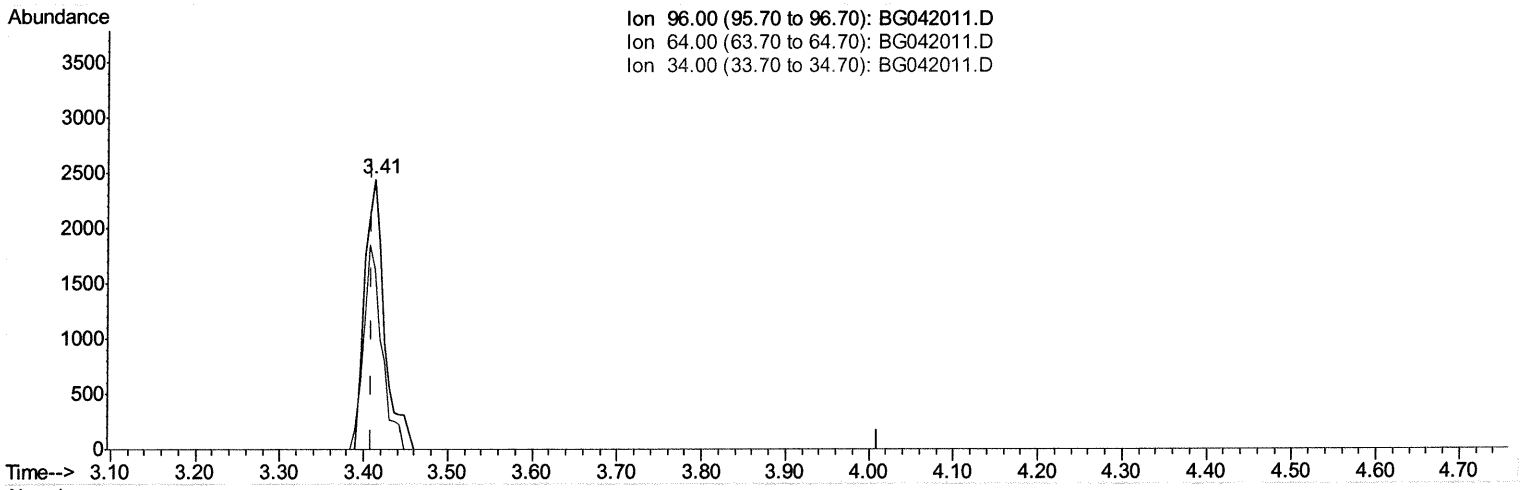
Quantitation Report (Qedit)

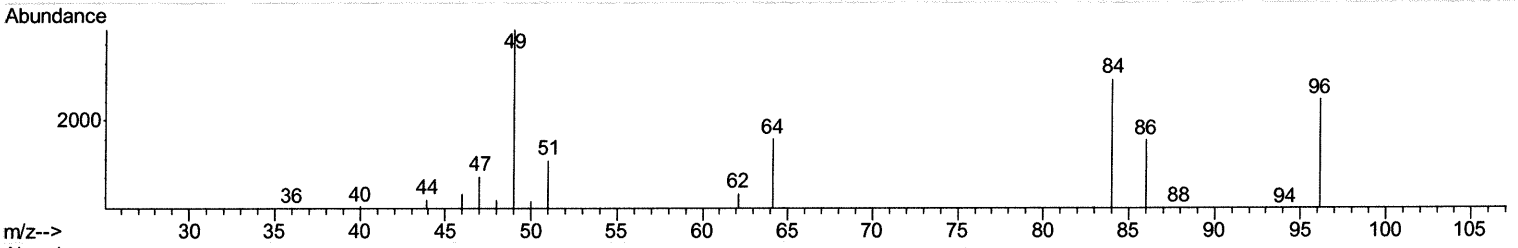
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

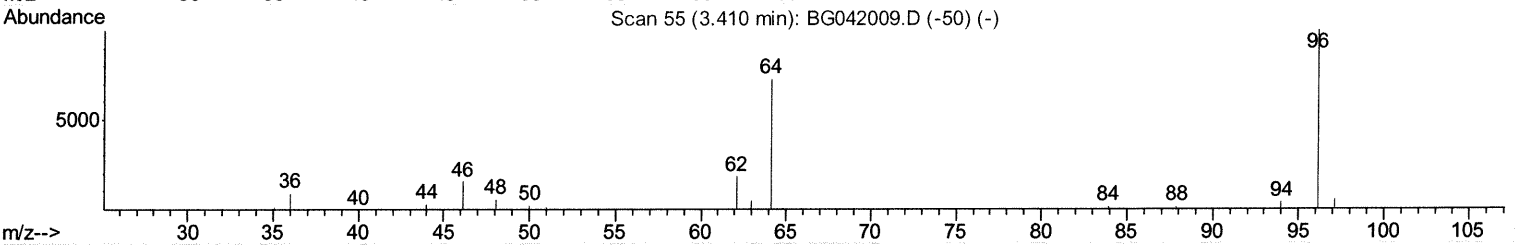
Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:09 PM





Scan 55 (3.410 min): BG042009.D (-50) (-)



TIC: BG042011.D

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

3.413min (+0.003) 2.83ng/uL

response 3872

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	66.50
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

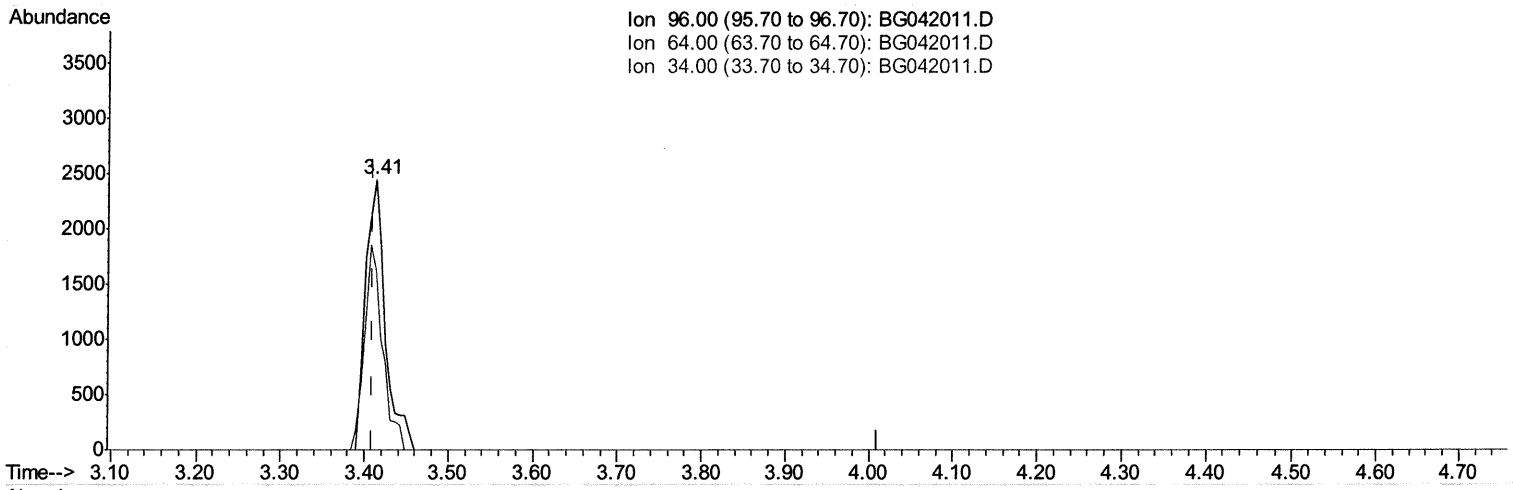
Quantitation Report (Qedit)

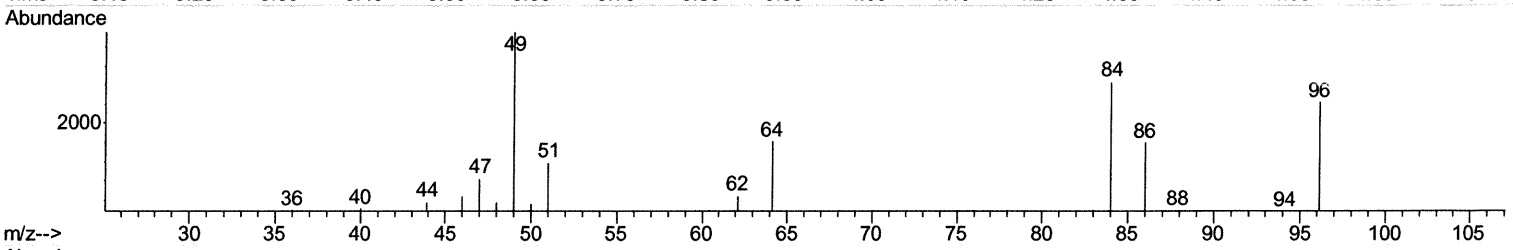
Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

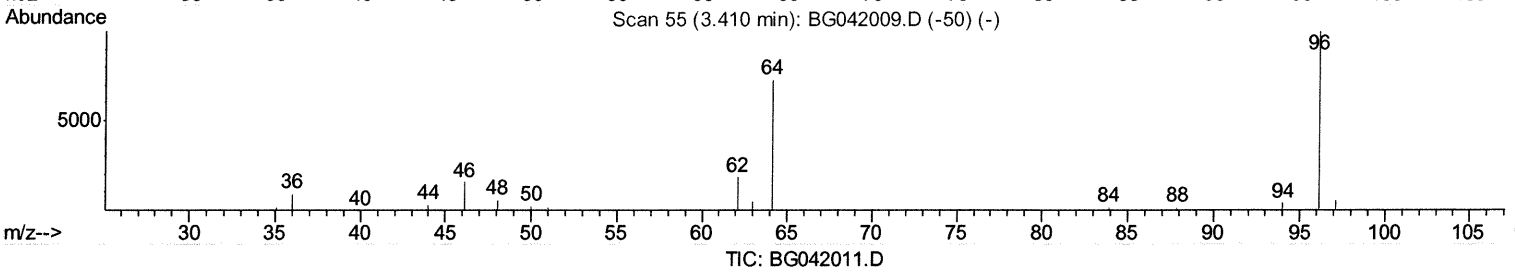
Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:09 PM







TIC: BG042011.D

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

3.413min (+0.003) 2.95ng/uL m JU 08/08/19

response 4035

Ion	Exp%	Act%
96.00	100	100
64.00	68.30	66.50
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
mohammad
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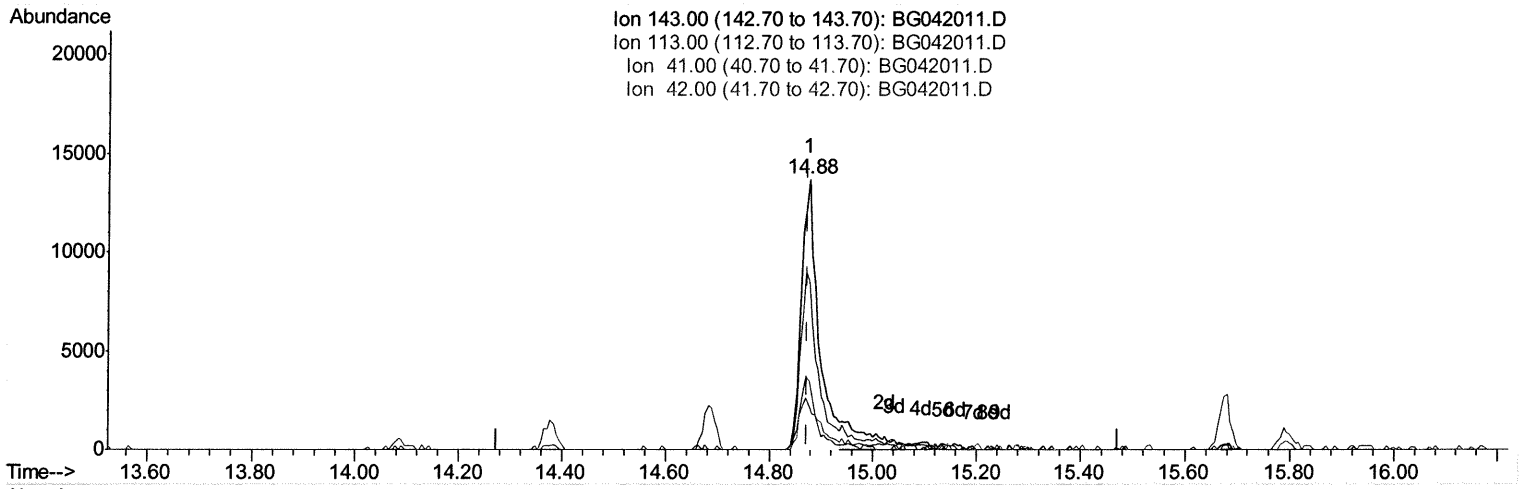

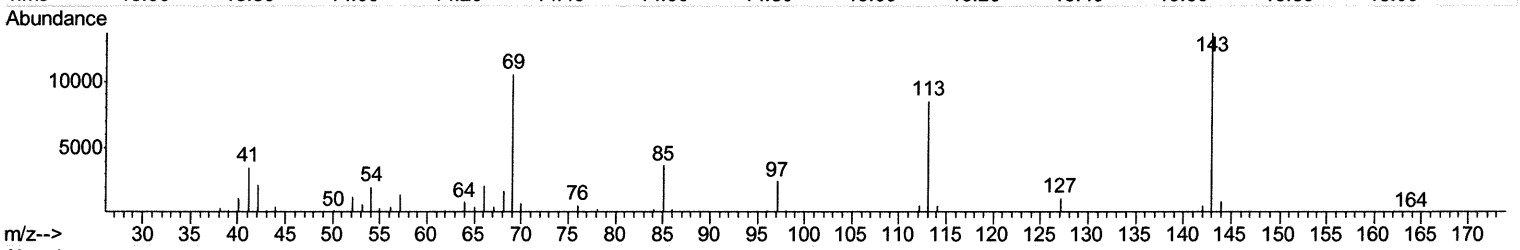

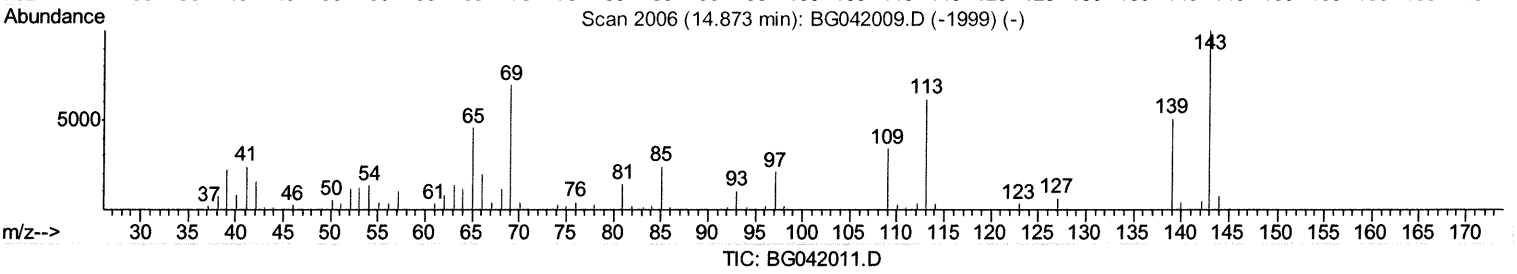

TIC: BG042011.D

(51) 4-Nitrophenol-d4 (S)

14.876min (+0.003) 11.81ng/ul

response 30788

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	62.23
41.00	31.00	25.69
42.00	21.10	15.95#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
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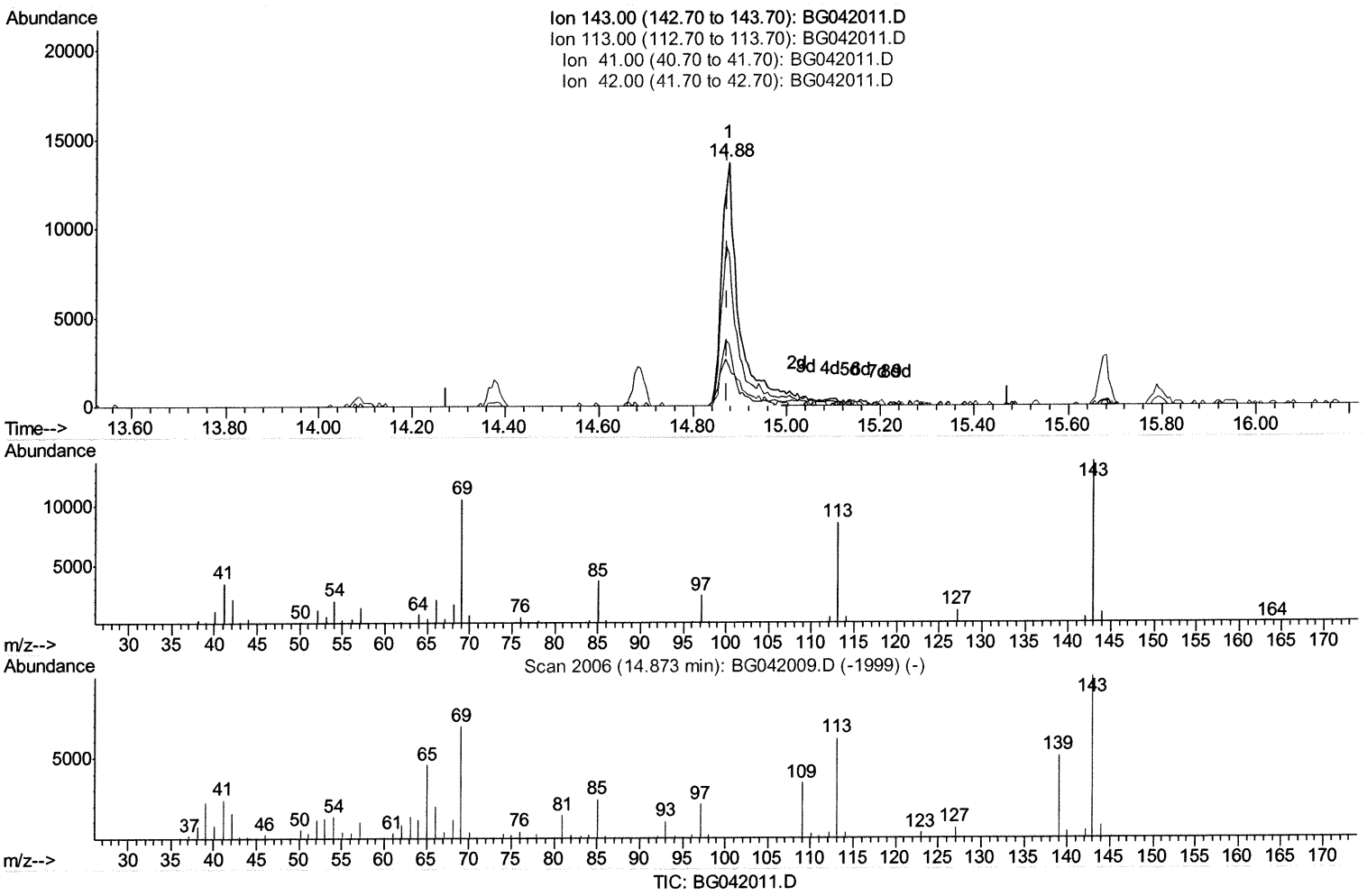

TIC: BG042011.D

(51) 4-Nitrophenol-d4 (S)

14.876min (+0.003) 13.08ng/ul m JU 08/08/19

response 34108

Ion	Exp%	Act%
143.00	100	100
113.00	68.30	62.23
41.00	31.00	25.69
42.00	21.10	15.95#

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
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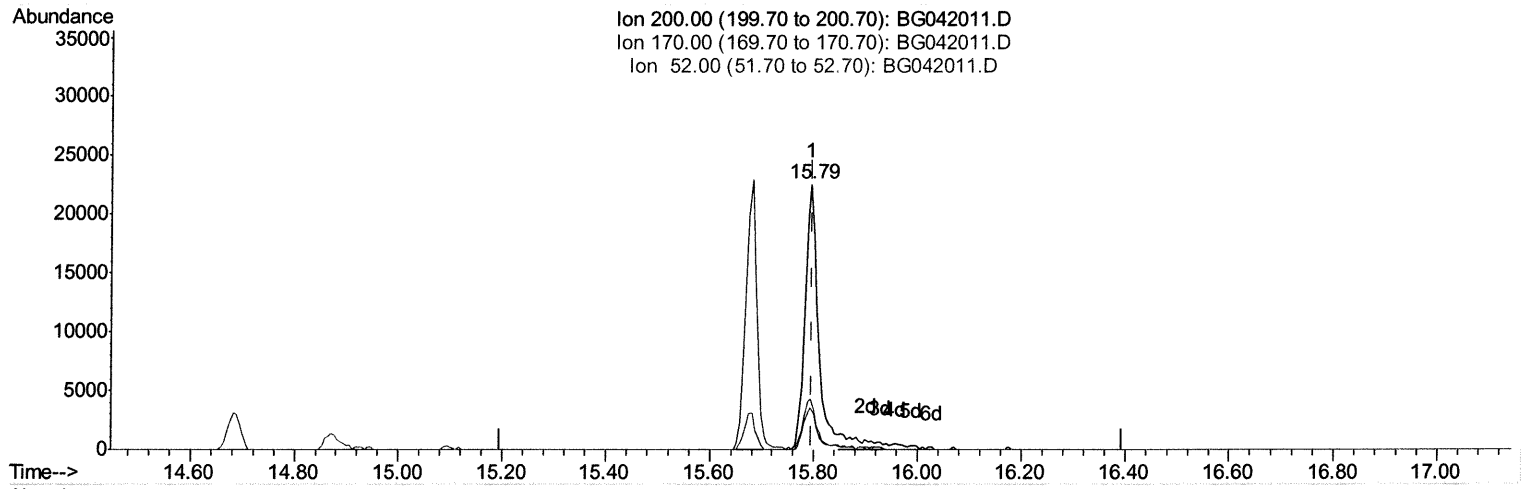
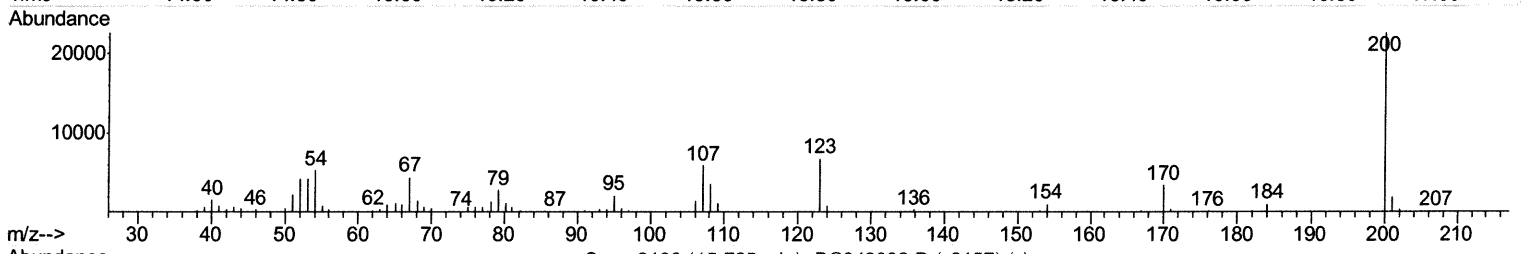
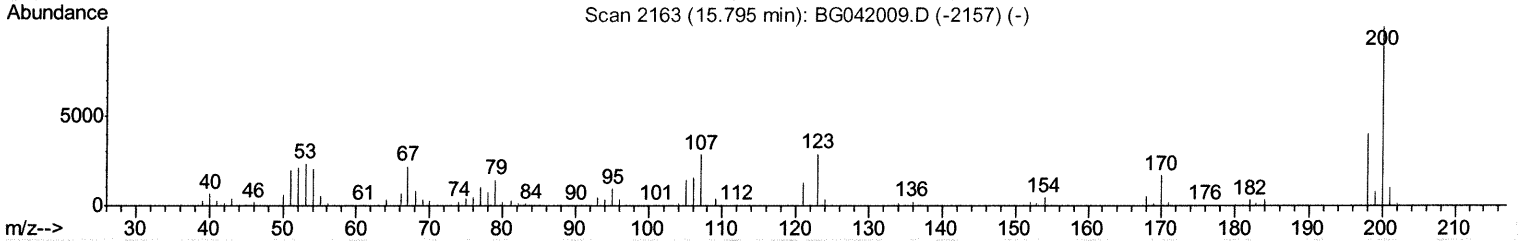




Scan 2163 (15.795 min): BG042009.D (-2157) (-)



TIC: BG042011.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.793min (-0.003) 12.18ng/ul

response 39233

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	15.63
52.00	31.40	19.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (Qedit)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BENX7

Manual Integrations APPROVED
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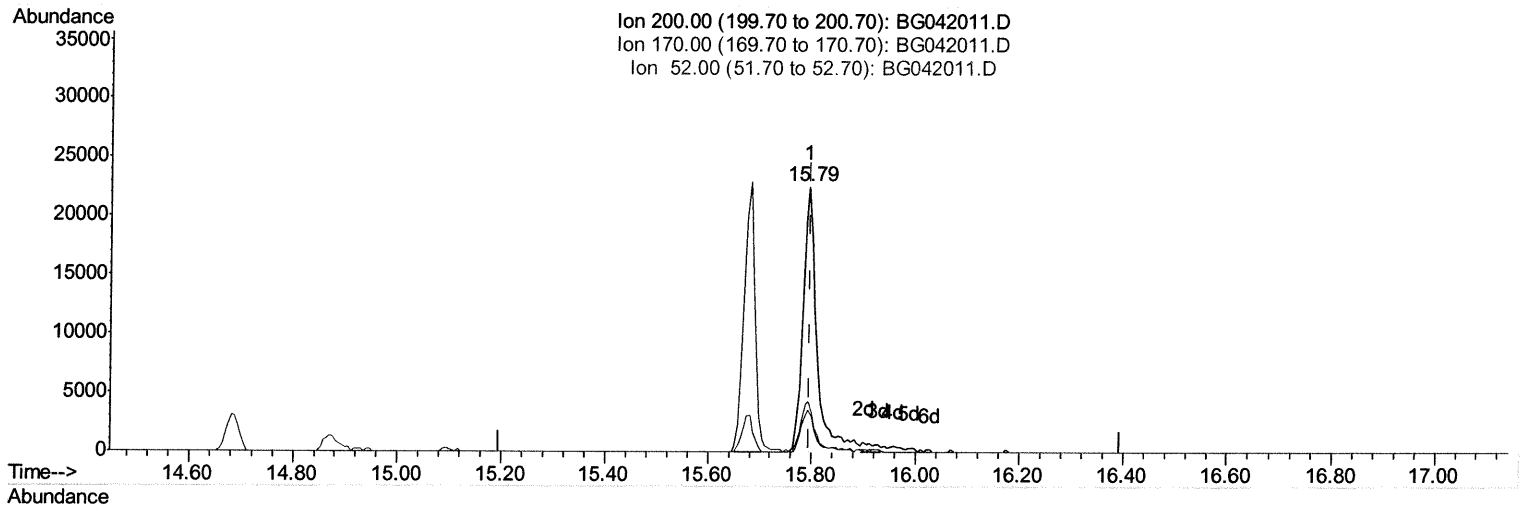
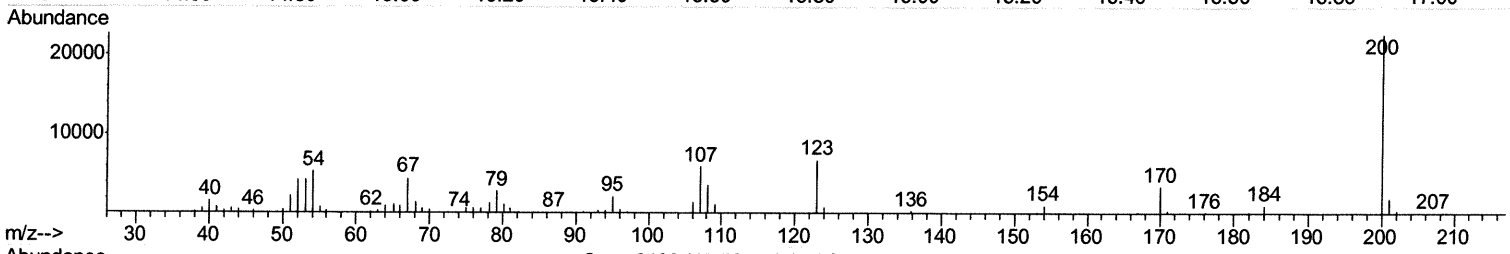
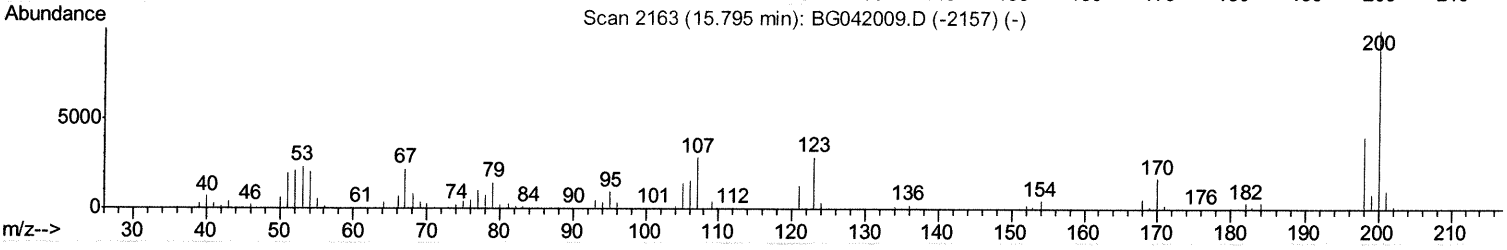
8/7/2019 4:40:09 PM





Scan 2163 (15.795 min): BG042009.D (-2157) (-)



TIC: BG042011.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.793min (-0.003) 13.02ng/ul m JU 08/08/19

response 41945

Ion	Exp%	Act%
200.00	100	100
170.00	15.80	15.63
52.00	31.40	19.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

Quantitation Report (QT Reviewed)

Data File : BG042011.D
Acq On : 7 Aug 2019 00:13
Operator : HP/JU
Sample : K4029-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 07 02:55:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : BENX7

Manual Integrations APPROVED
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8/7/2019 4:40:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	59826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	255656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	200196	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	502052	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	521274	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	598885	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4035m →	2.95	ng/uL >	0.00 JU 08/08/19
5) Phenol-d5	7.17	99	74246	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	44626	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	72240	18.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	60169	15.26	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	37910	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	45087	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	79323	17.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	104131	20.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	333262	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	355762	20.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	34108m →	13.08	ng/ul >	0.00 JU 08/08/19
57) Fluorene-d10	15.68	176	289080	20.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	41945m →	13.02	ng/ul >	0.00 JU 08/08/19
70) Anthracene-d10	17.54	188	493311	20.48	ng/ul	0.00
78) Pyrene-d10	19.82	212	592022	20.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.75	264	623810	19.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	6191	1.277	ng/ul#	92
44) Dimethylphthalate	14.13	163	140652	9.124	ng/ul	97

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