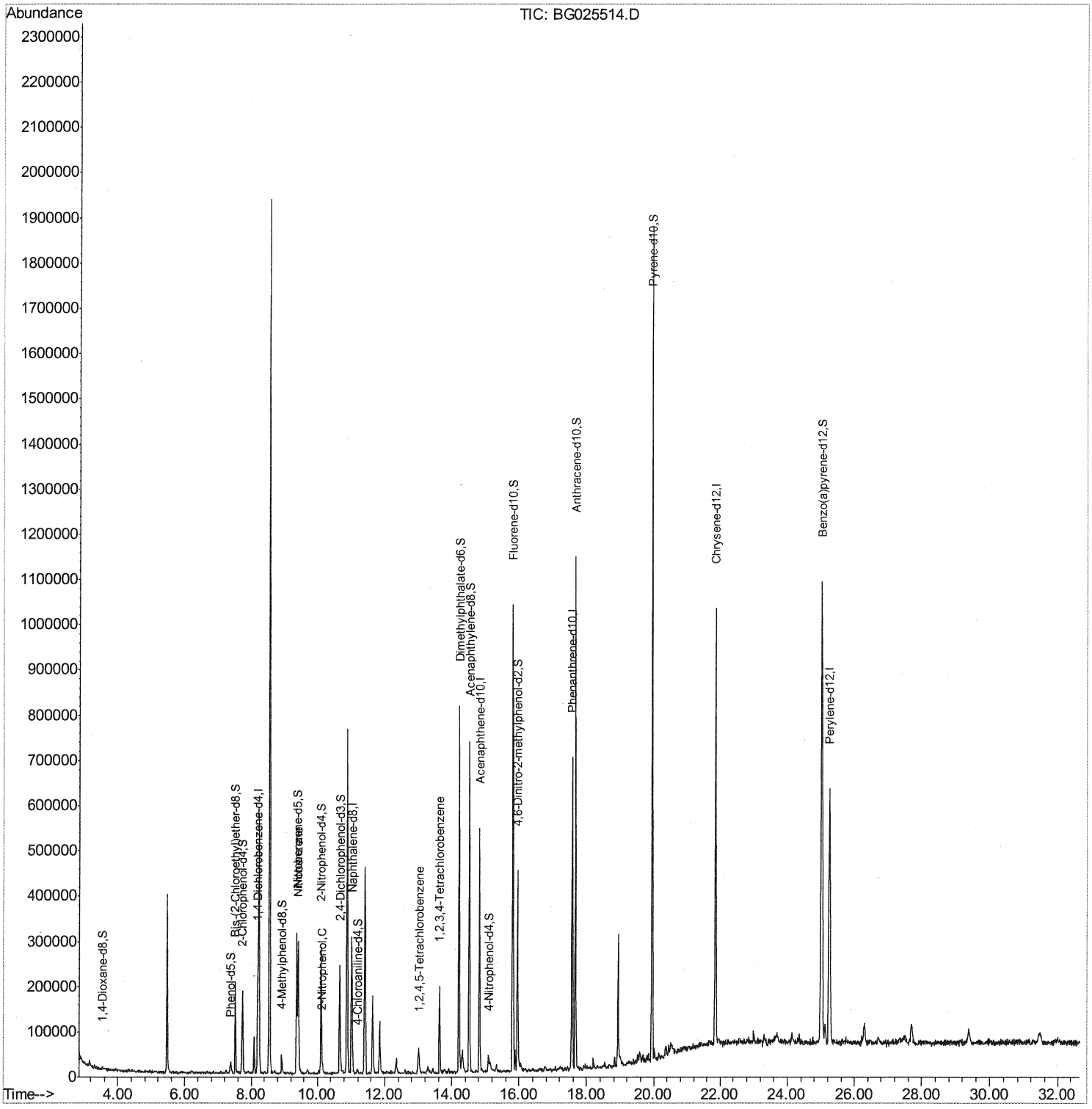
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 17:38:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM



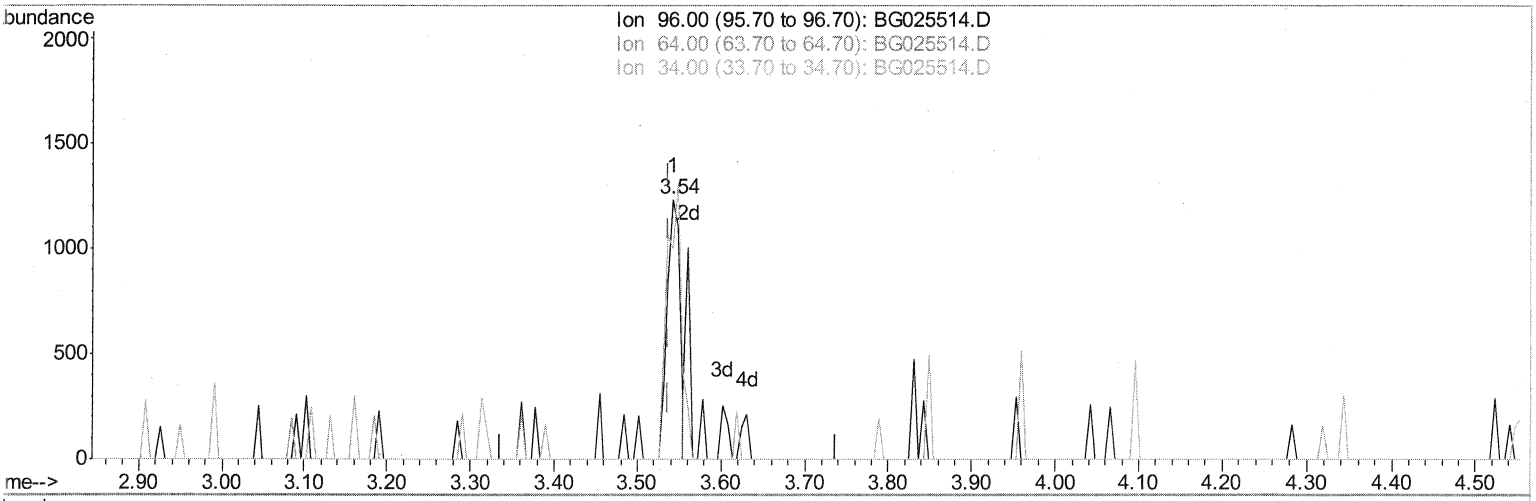
Quantitation Report (Qedit)

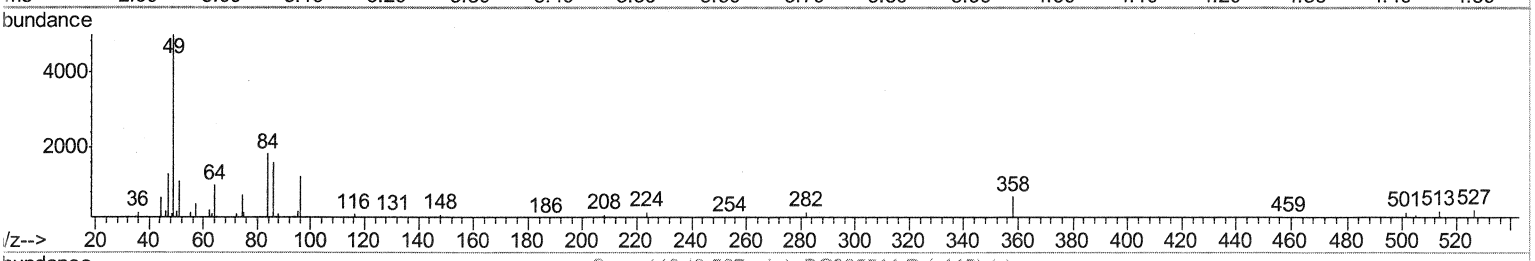
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

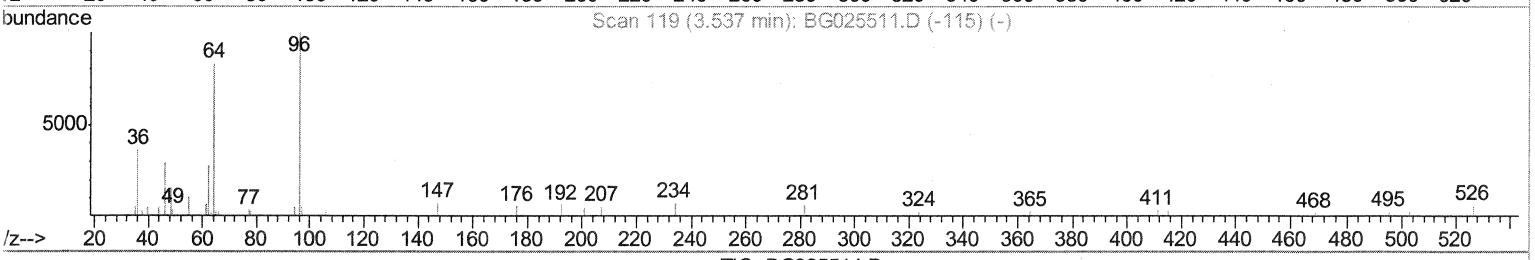
Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM







TIC: BG025514.D

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

3.543min (+0.006) 1.26ng/uL

response 1358

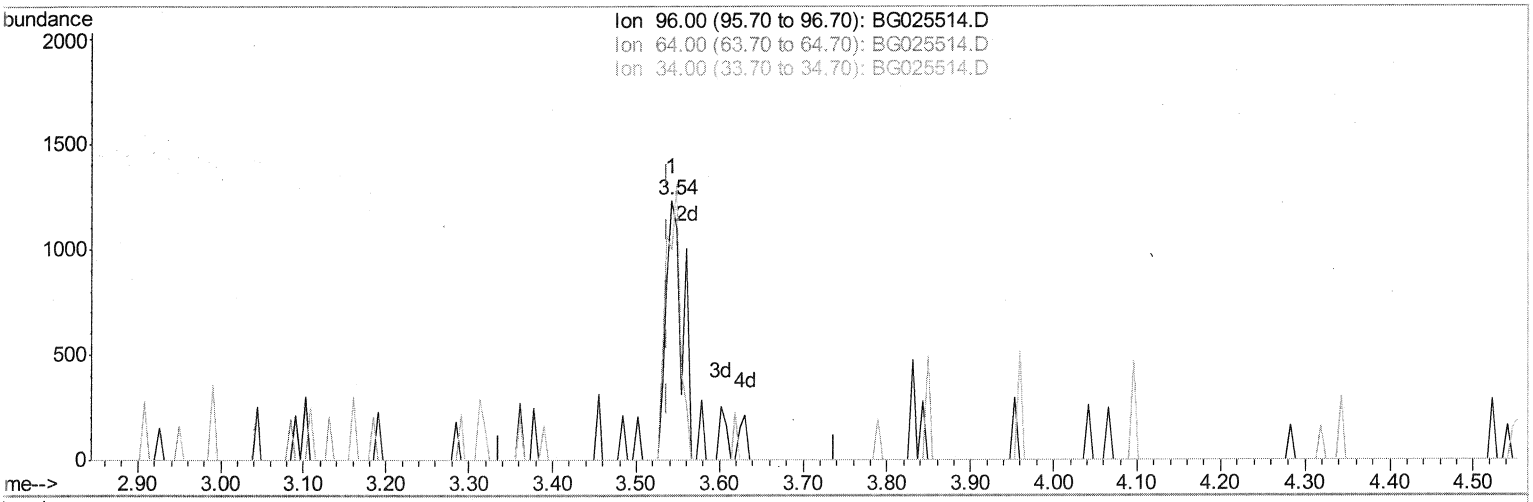
Ion	Exp%	Act%
96.00	100	100
64.00	67.80	119.51#
34.00	0.00	0.00
0.00	0.00	0.00

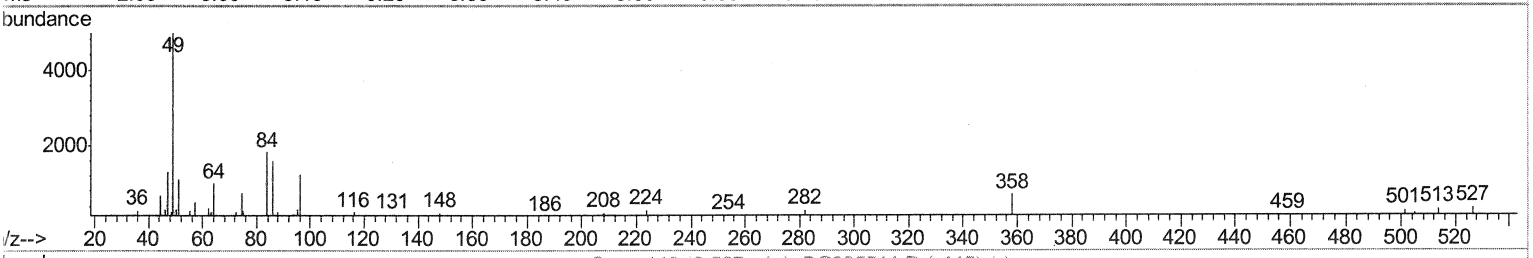
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

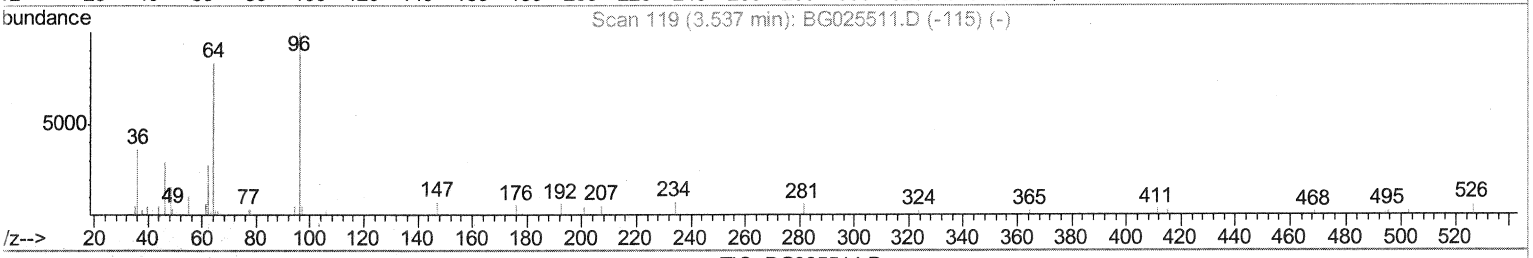
Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM







TIC: BG025514.D

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

3.543min (+0.006) 1.58ng/uL m SJ 1/17/17

response 1712

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	94.80#
34.00	0.00	0.00
0.00	0.00	0.00

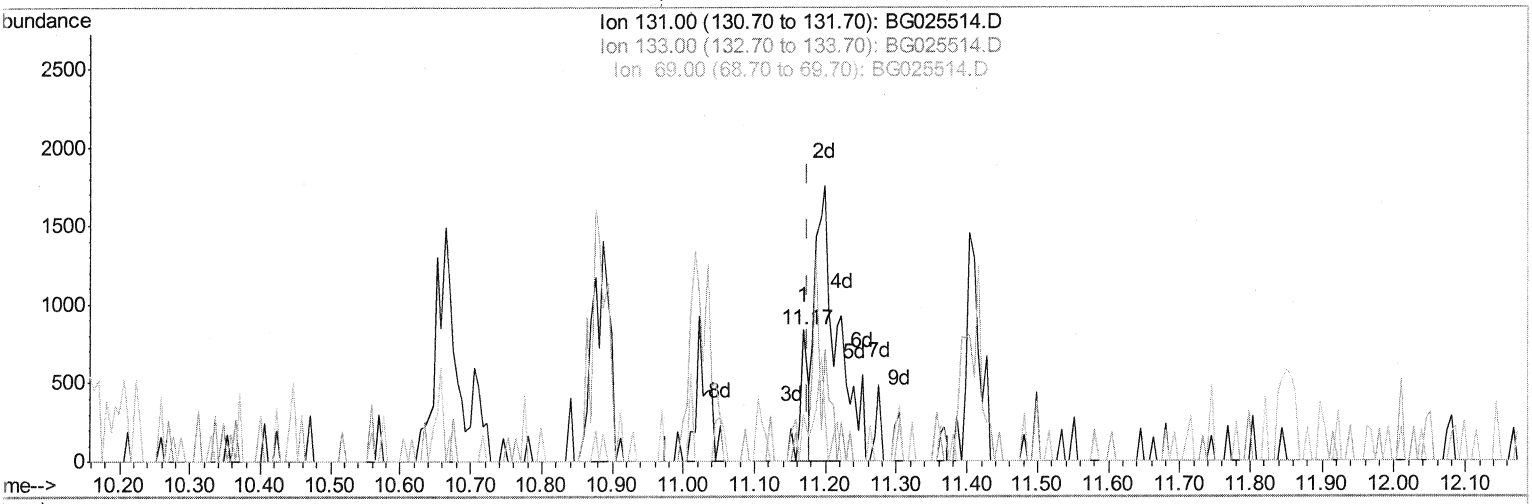
Quantitation Report (Qedit)

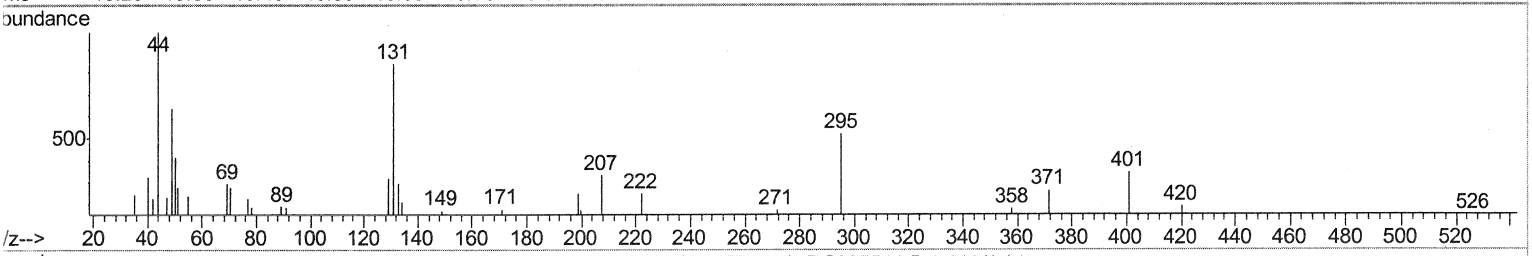
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

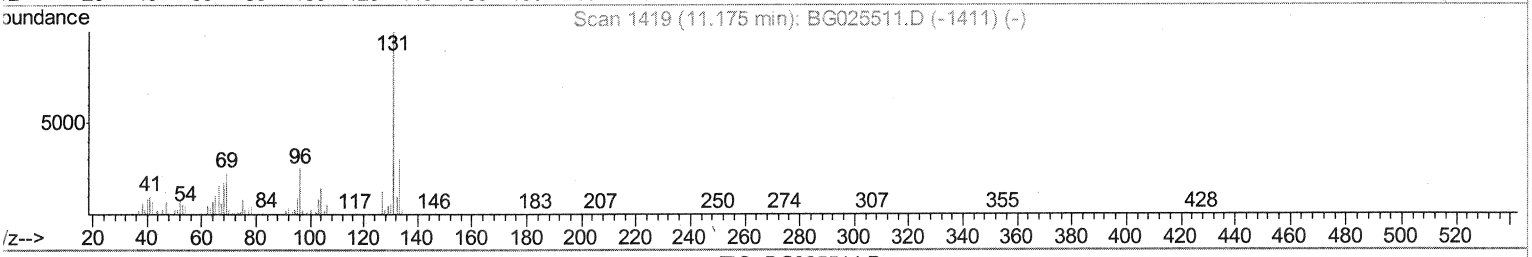
Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM







TIC: BG025514.D

(29) 4-Chloroaniline-d4 (S)

11.169min (-0.006) 0.13ng/ul

response 543

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	35.32
69.00	16.20	34.96#
0.00	0.00	0.00

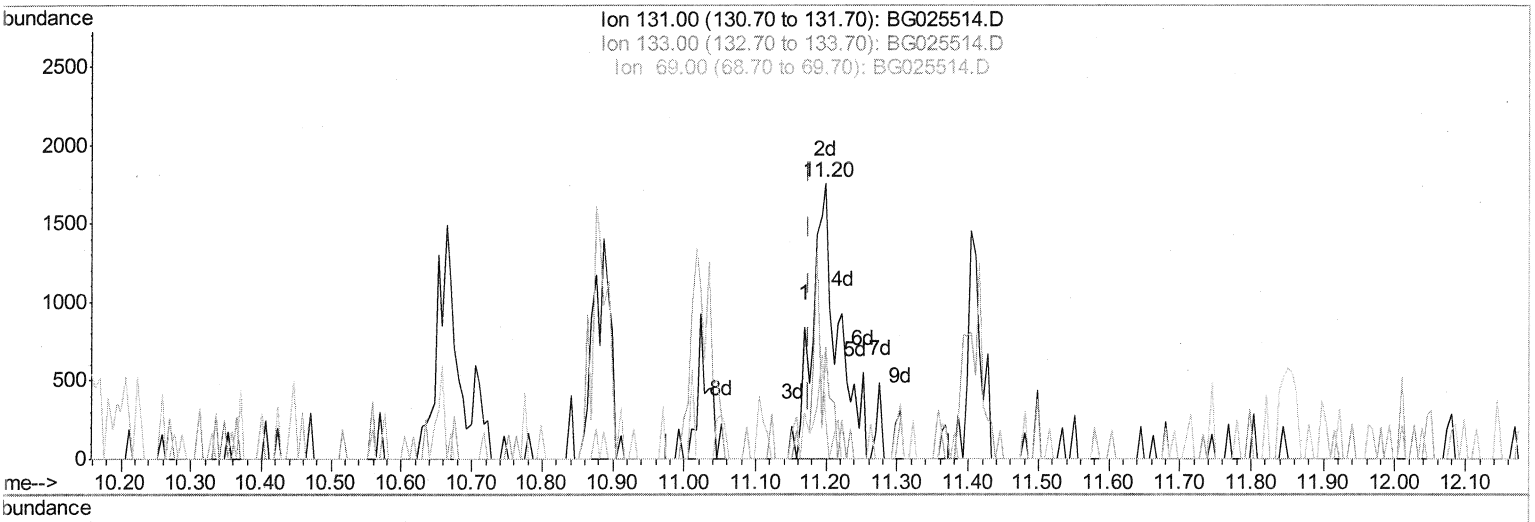
Quantitation Report (Qedit)

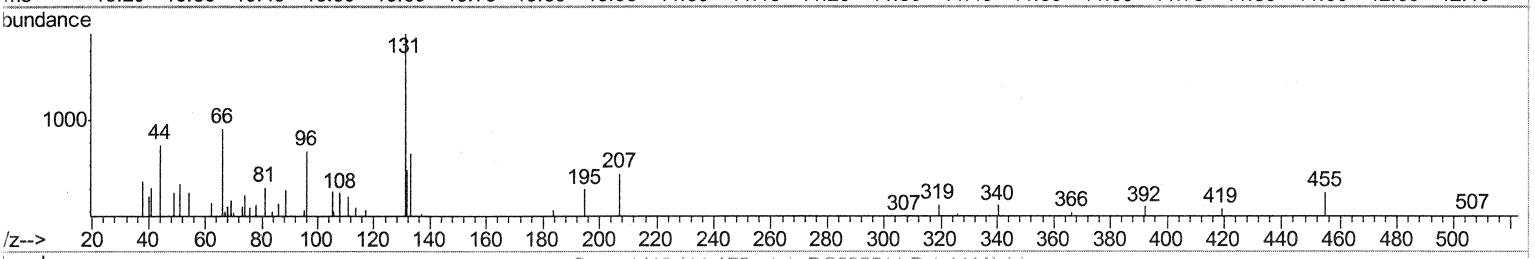
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

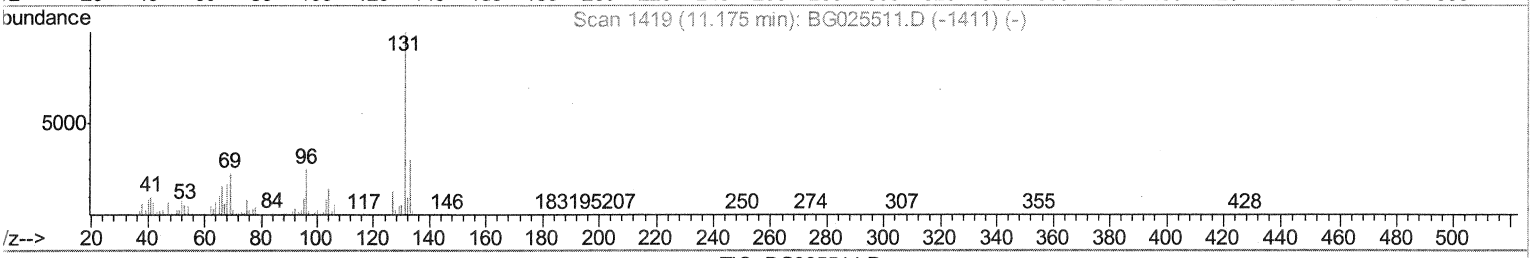
Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM







TIC: BG025514.D

(29) 4-Chloroaniline-d4 (S)

11.198min (+0.024) 1.05ng/ul m SJ 1/17/17

response 4389

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	40.25#
69.00	16.20	16.54
0.00	0.00	0.00

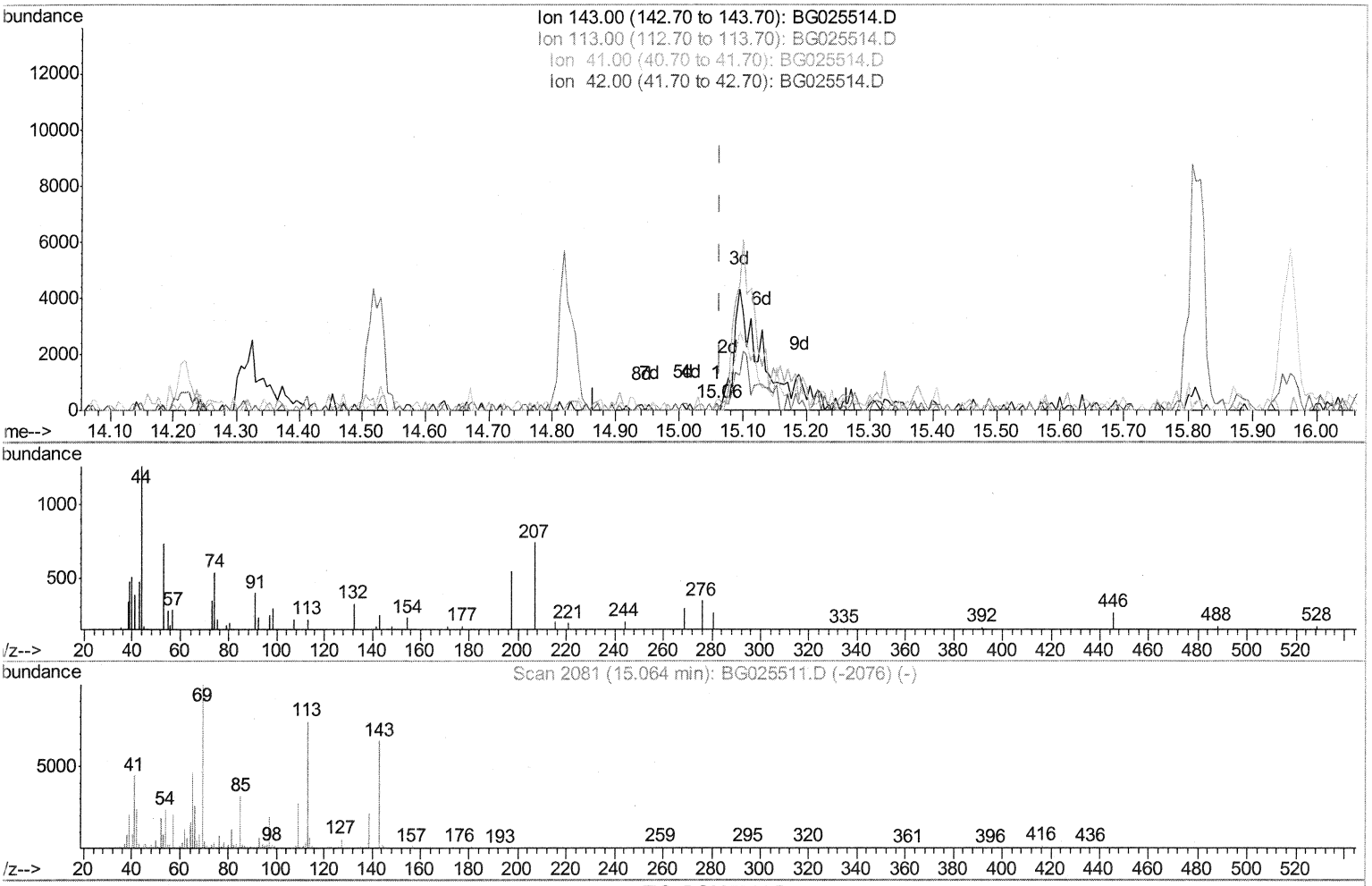
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM



TIC: BG025514.D

(51) 4-Nitrophenol-d4 (S)

15.059min (-0.006) 0.05ng/ul

response 87

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	88.66
41.00	28.80	155.87#
42.00	19.10	0.00#

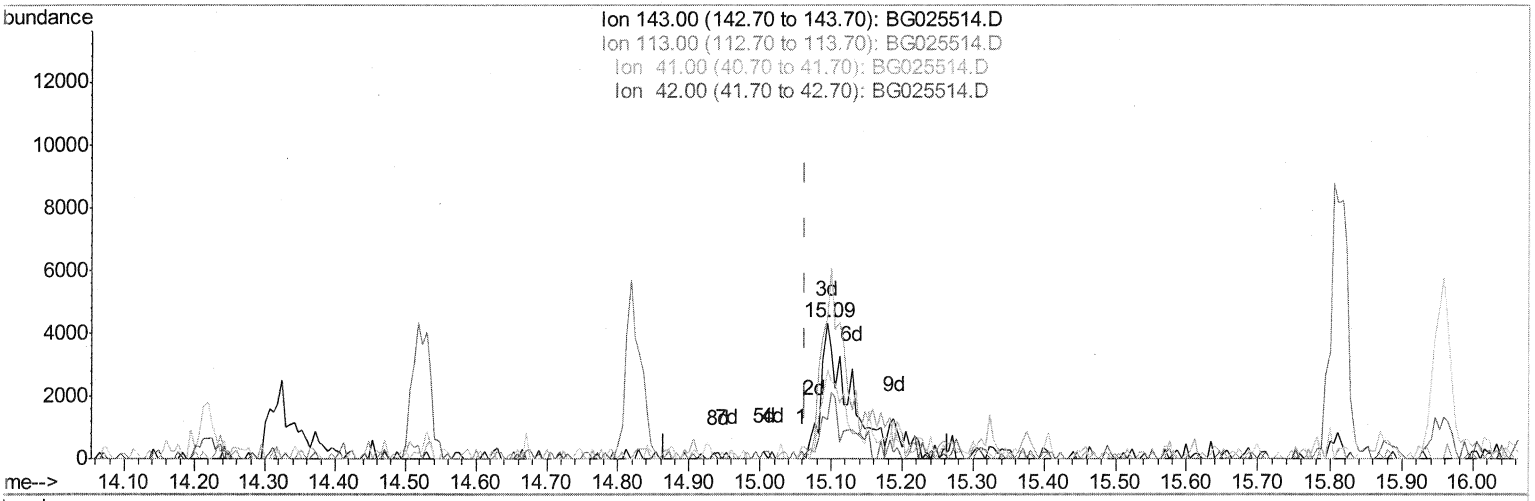
Quantitation Report (Qedit)

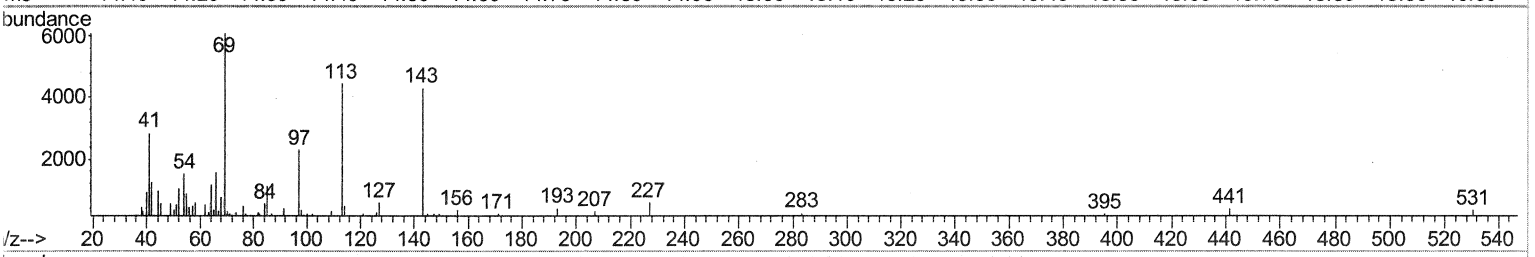
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

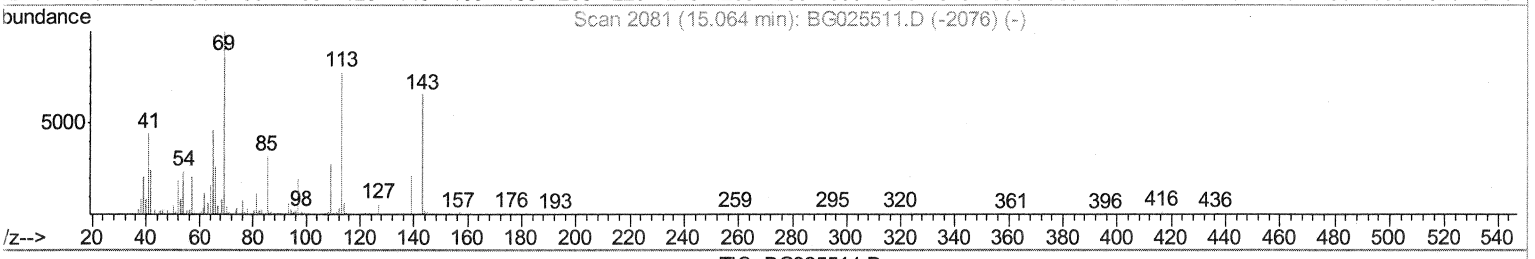
Quant Time: Jan 13 17:35:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM







TIC: BG025514.D

(51) 4-Nitrophenol-d4 (S)

15.094min (+0.029) 6.52ng/ul m SJ 1/17/17

response 11711

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	103.15#
41.00	28.80	65.97#
42.00	19.10	28.80#

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025514.D
Acq On : 13 Jan 2017 16:58
Operator : UM/SJ
Sample : I1159-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 13 17:38:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0AA1

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:54 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.20	152	58624	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.03	136	237020	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.82	164	187783	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.57	188	442823	20.00	ng/ul	0.00	
77) Chrysene-d12	21.86	240	678967	20.00	ng/ul	0.00	
85) Perylene-d12	25.26	264	702318	20.00	ng/ul	-0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.54	96	1712m>	1.58	ng/uL	0.00	SJ 1/17/17
5) Phenol-d5	7.37	99	17916	3.90	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	7.51	67	103625	34.75	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.73	132	73733	21.71	ng/ul	0.00	
13) 4-Methylphenol-d8	8.92	113	15438	4.05	ng/ul	0.00	
19) Nitrobenzene-d5	9.38	128	59361	35.93	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.11	143	78355	39.74	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.66	165	99265	27.21	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.20	131	4389m>	1.05	ng/ul	0.02	SJ 1/17/17
43) Dimethylphthalate-d6	14.22	166	492517	38.08	ng/ul	0.00	
46) Acenaphthylene-d8	14.52	160	526956	37.02	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.09	143	11711m>	6.52	ng/ul	0.03	SJ 1/17/17
57) Fluorene-d10	15.81	176	430362	35.68	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.96	200	107846	38.30	ng/ul	0.00	
70) Anthracene-d10	17.67	188	678540	36.12	ng/ul	0.00	
78) Pyrene-d10	19.95	212	1018922	38.85	ng/ul	0.00	
89) Benzo(a)pyrene-d12	25.02	264	1141482	39.32	ng/ul	0.00	
Target Compounds						Qvalue	
20) Nitrobenzene	9.42	77	182486	34.65	ng/ul#	82	
23) 2-Nitrophenol	10.15	139	5385	2.58	ng/ul#	81	
36) 1,2,4,5-Tetrachlorobenzene	13.04	216	8947	1.44	ng/ul#	81	
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	63082	10.19	ng/uL	92	

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