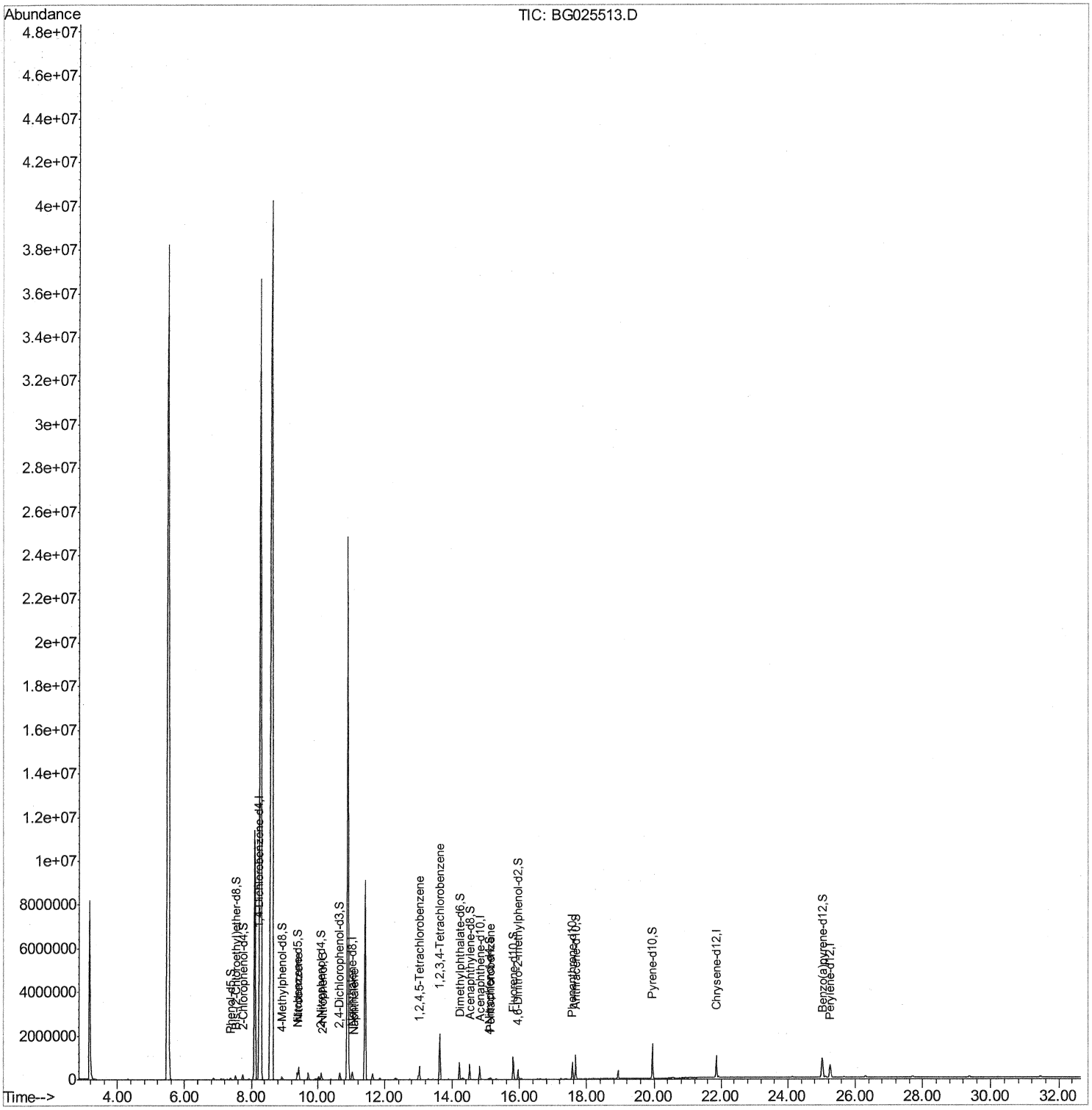
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 17:01:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM



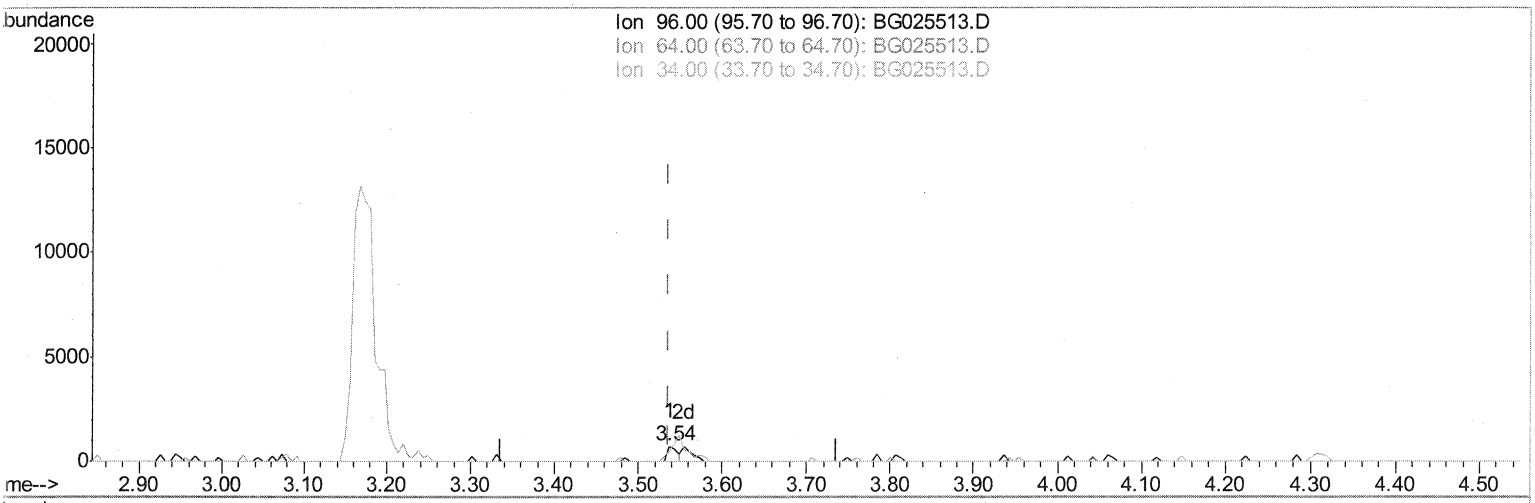
Quantitation Report (Qedit)

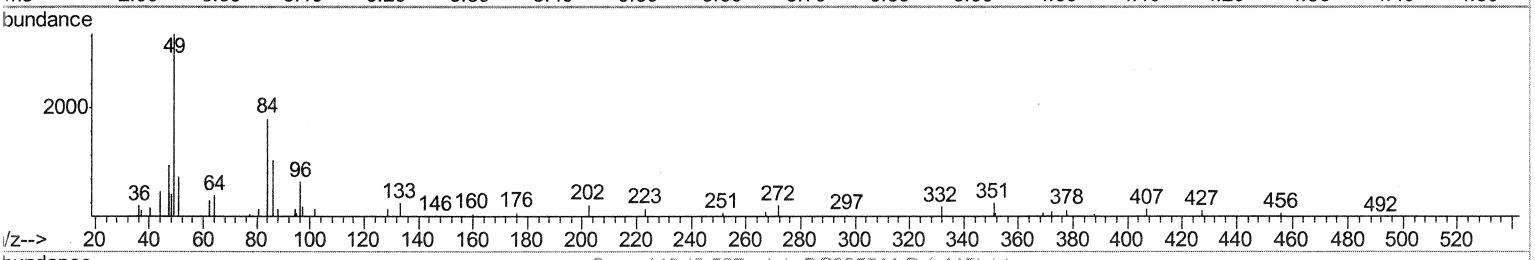
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

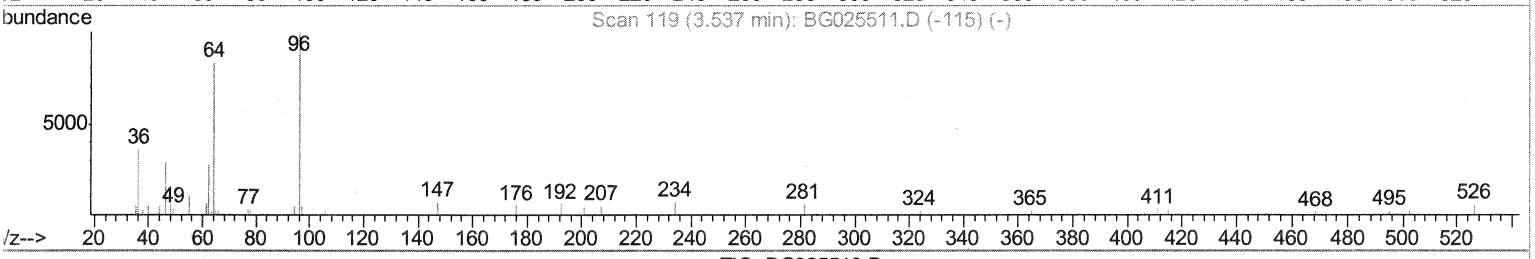
Quant Time: Jan 13 16:56:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

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

3.537min (+0.001) 0.39ng/uL

response 611

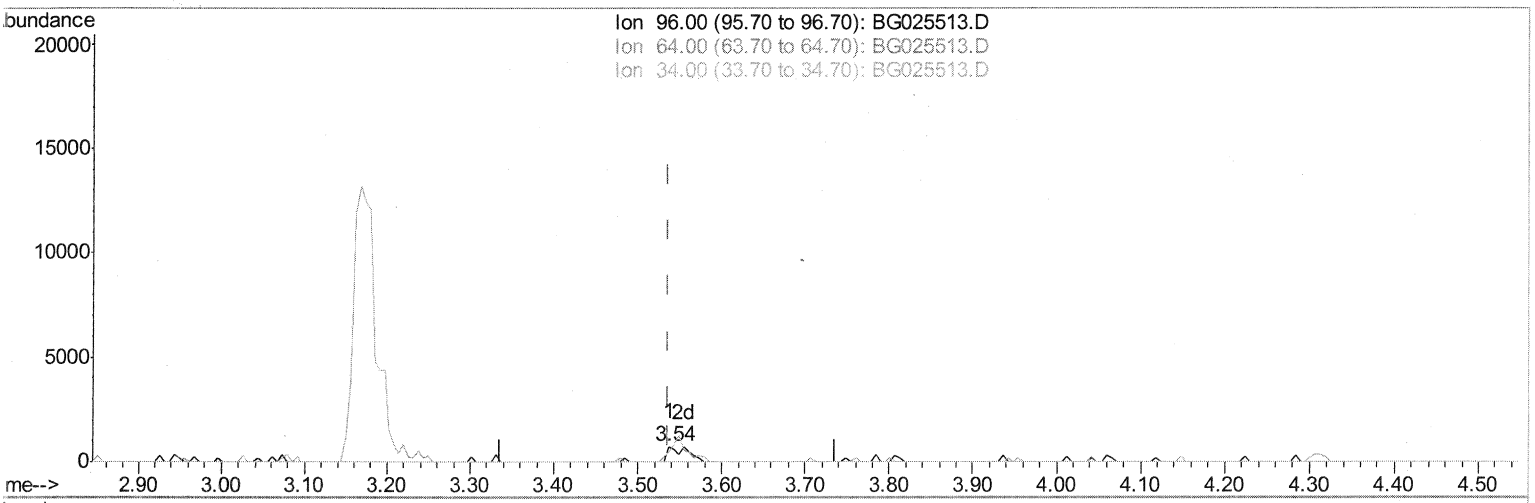
Ion	Exp%	Act%
96.00	100	100
64.00	67.80	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

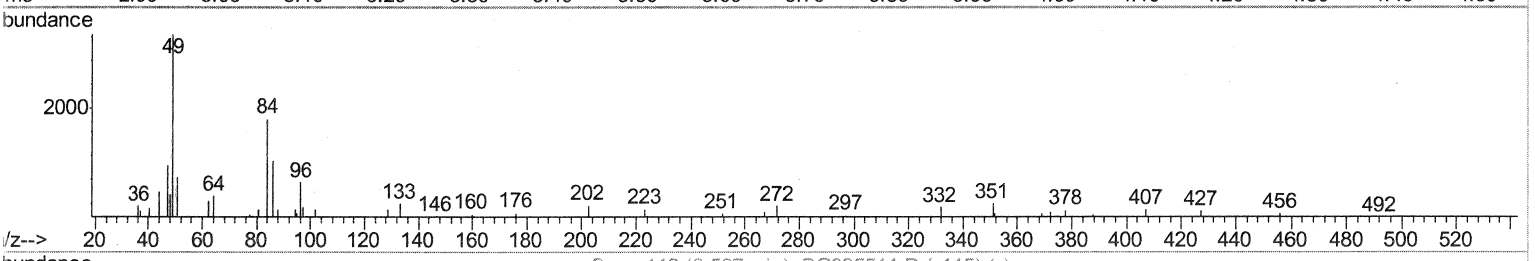
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

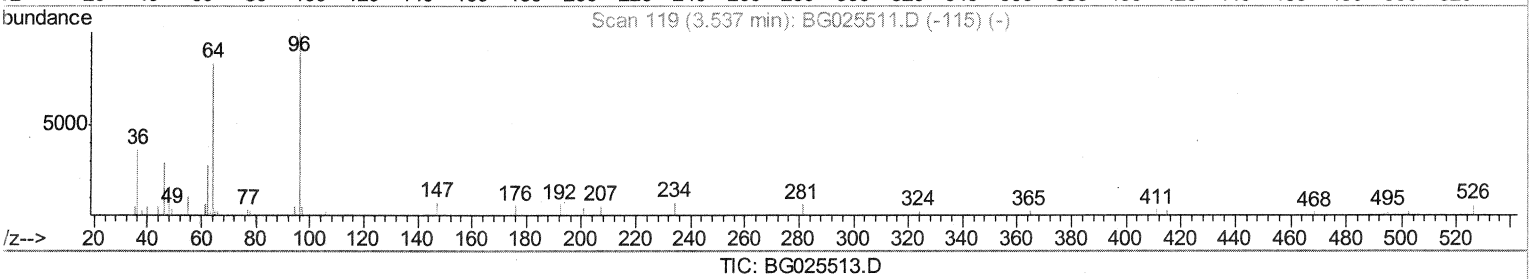
Quant Time: Jan 13 16:56:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 13 16:21:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

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

3.537min (+0.001) 0.76ng/uL m SJ 1/17/17

response 1202

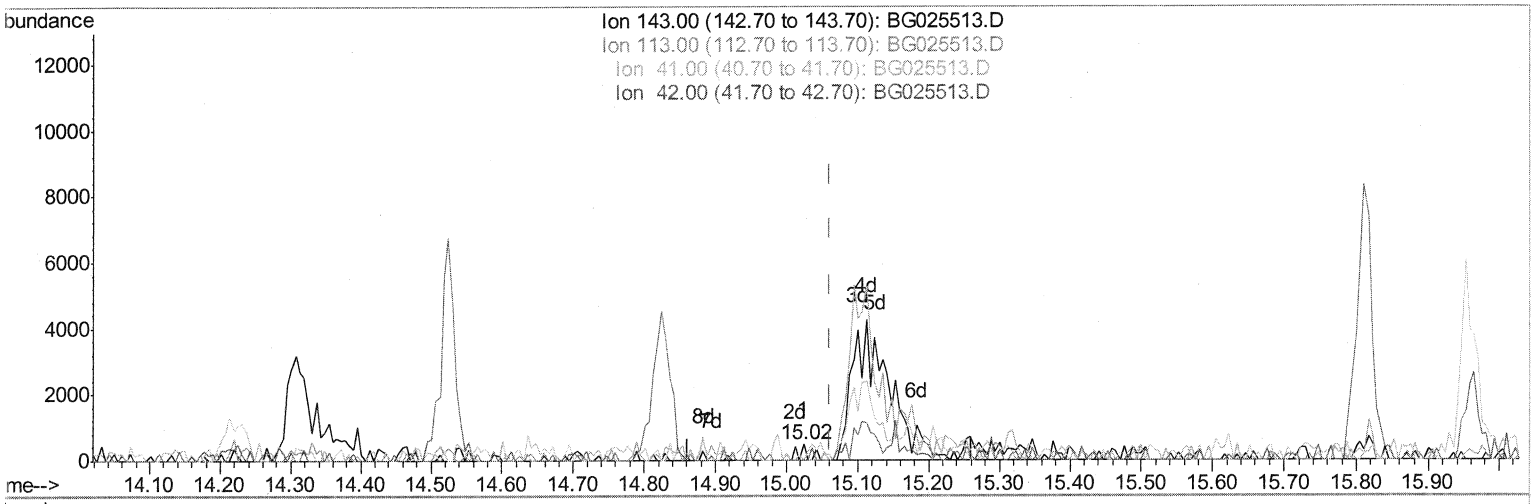
Ion	Exp%	Act%
96.00	100	100
64.00	67.80	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

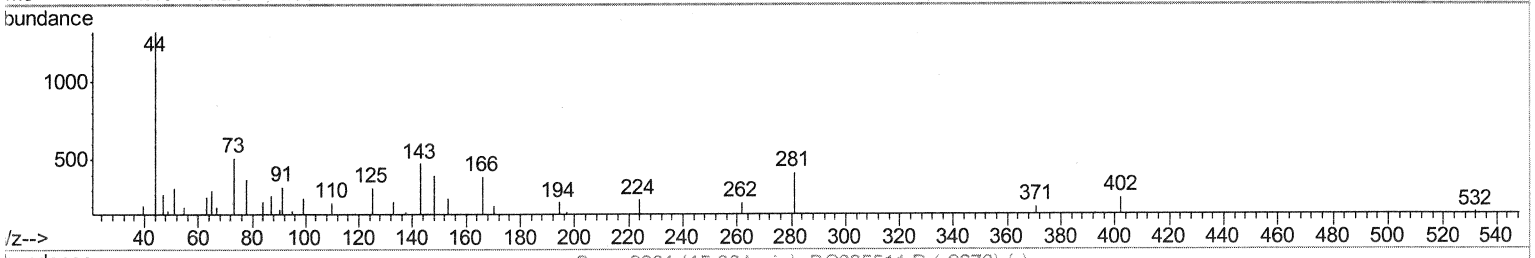
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

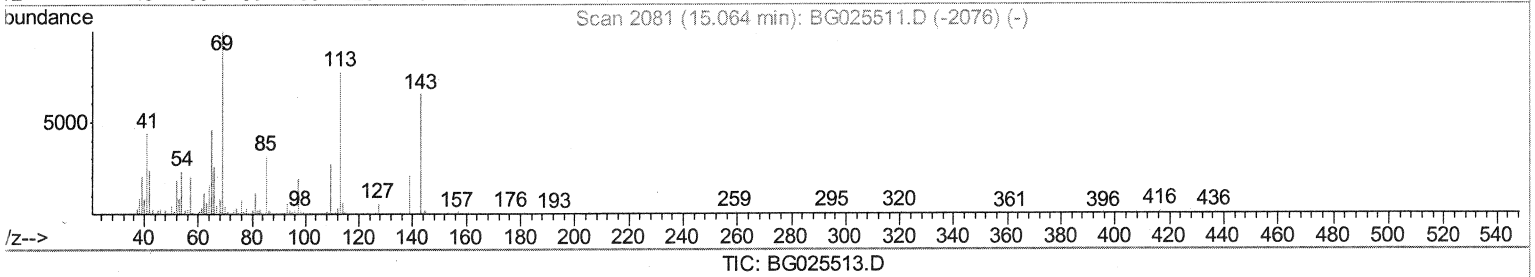
Quant Time: Jan 13 16:57:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

(51) 4-Nitrophenol-d4 (S)

15.024min (-0.038) 0.08ng/ul

response 168

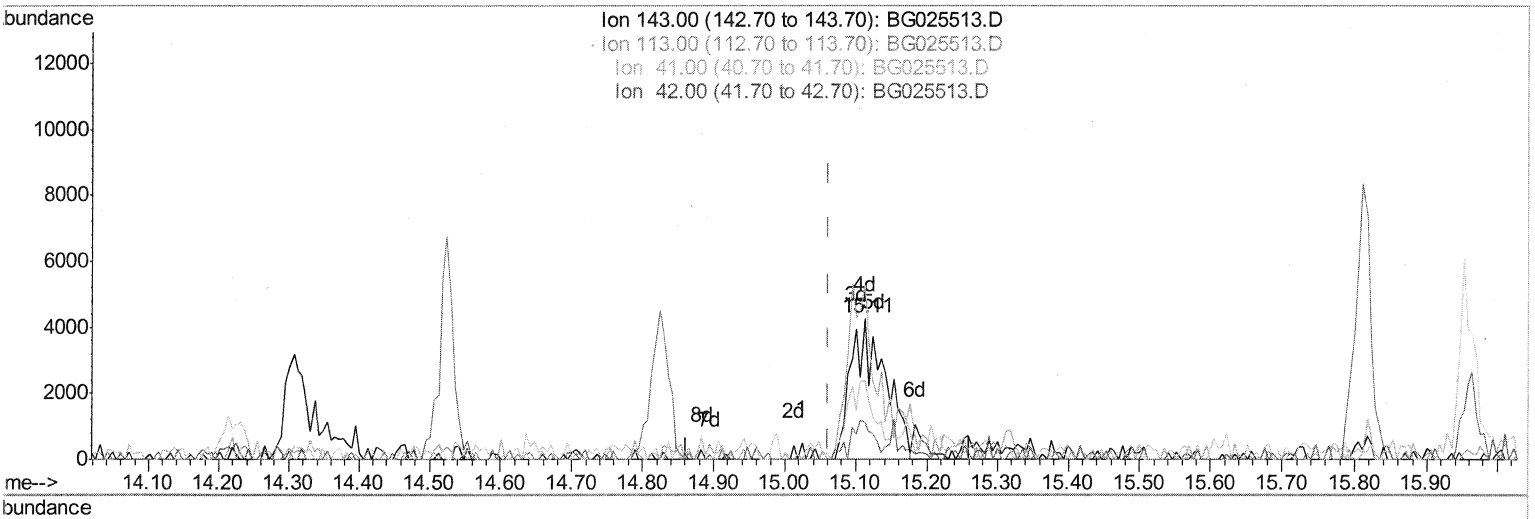
Ion	Exp%	Act%
143.00	100	100
113.00	75.10	0.00#
41.00	28.80	0.00#
42.00	19.10	0.00#

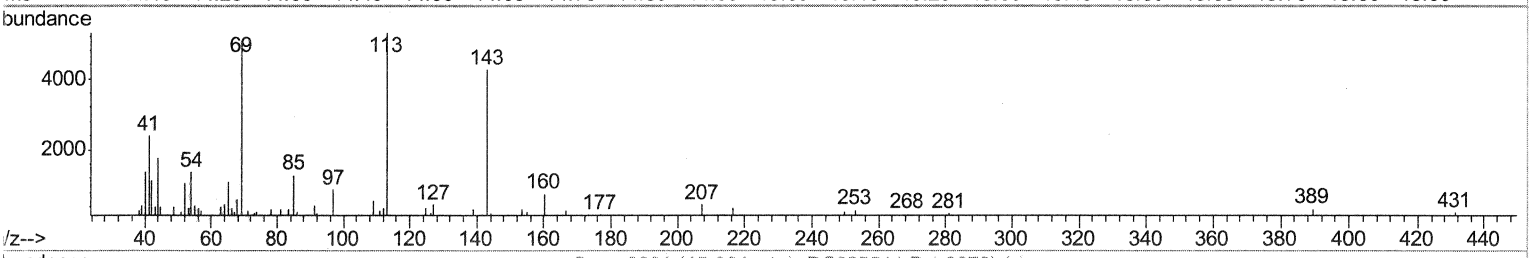
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

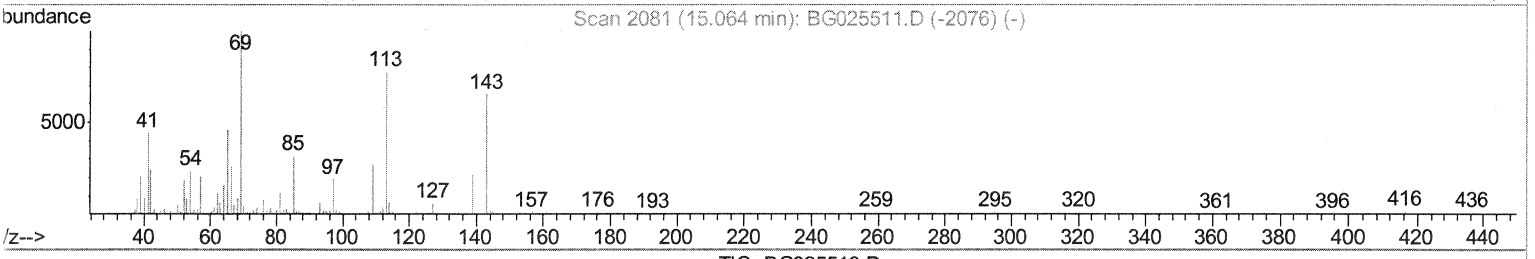
Quant Time: Jan 13 16:57:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

(51) 4-Nitrophenol-d4 (S)

15.112min (+0.050) 7.14ng/ul m SJ 1/17/17

response 14174

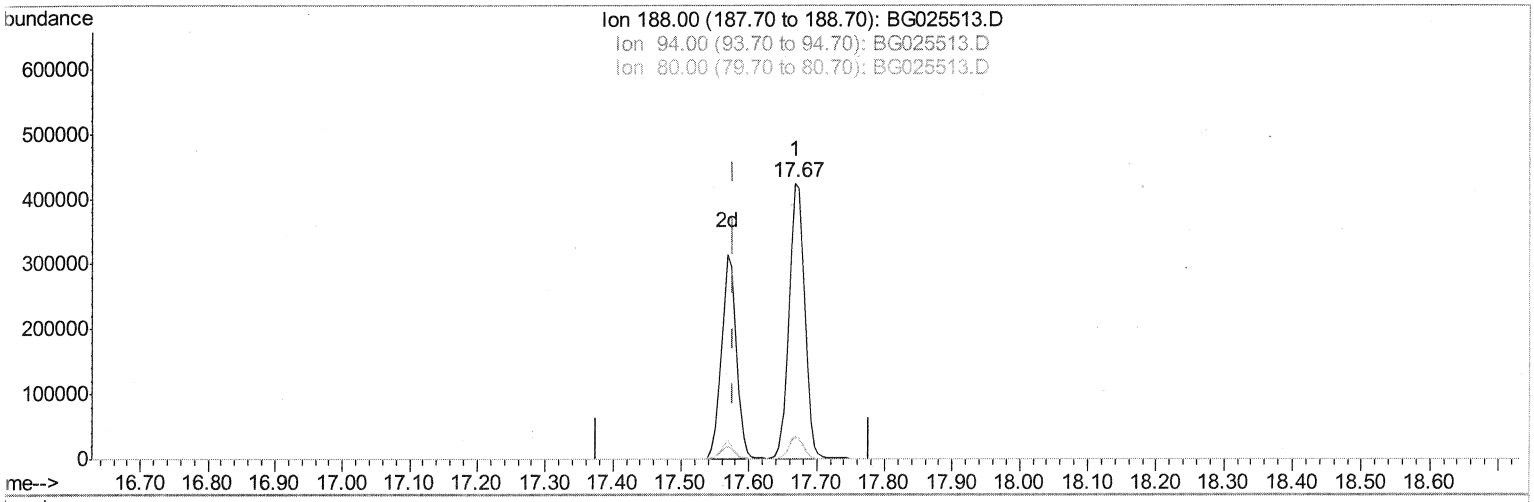
Ion	Exp%	Act%
143.00	100	100
113.00	75.10	124.17#
41.00	28.80	56.35#
42.00	19.10	26.47#

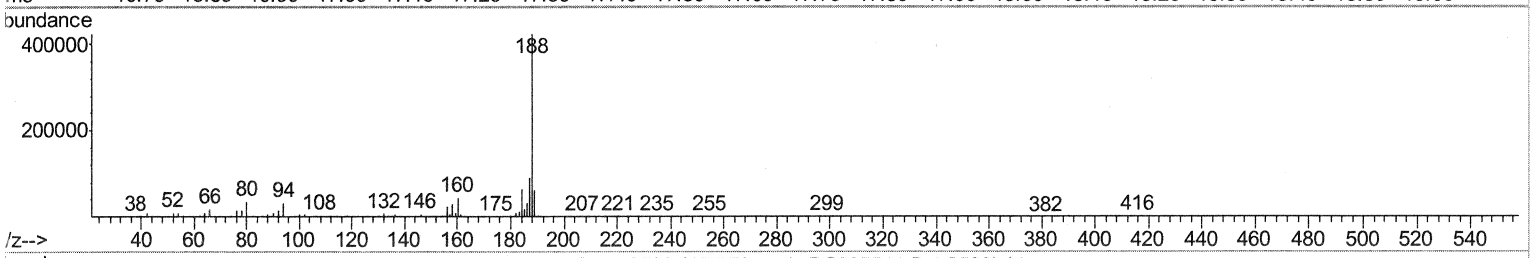
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

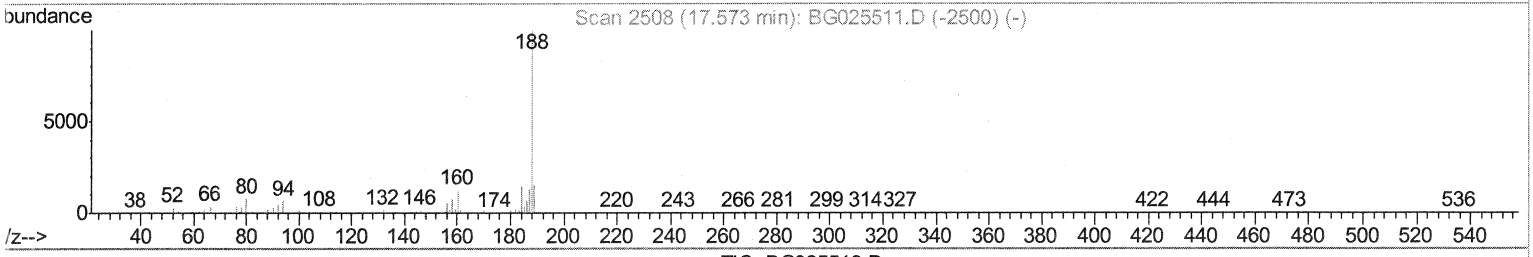
Quant Time: Jan 13 16:57:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

(61) Phenanthrene-d10 (I)

17.668min (+0.091) 20.00ng/ul

response 684402

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.93
80.00	9.70	8.42
0.00	0.00	0.00

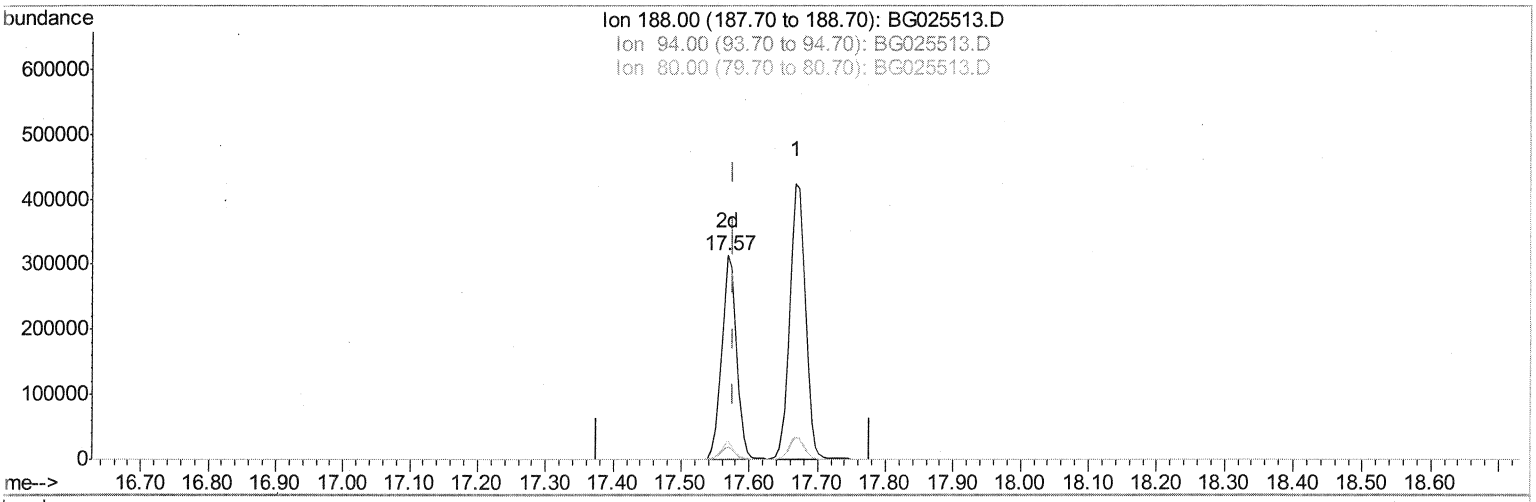
Quantitation Report (Qedit)

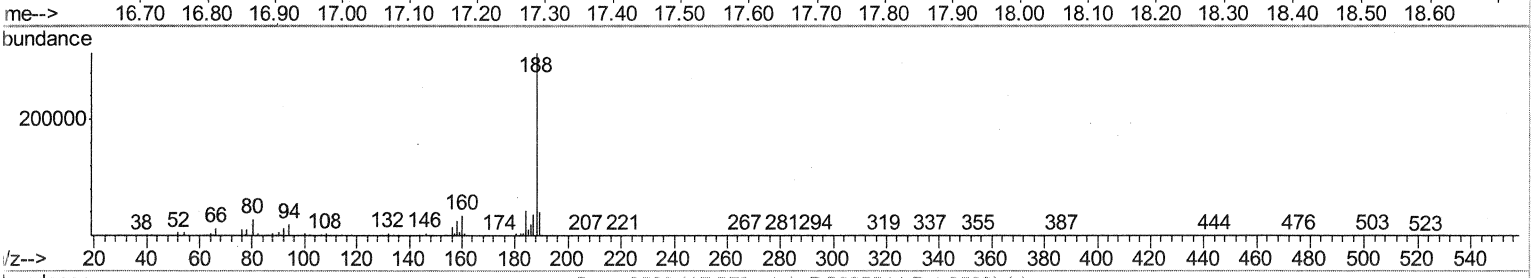
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

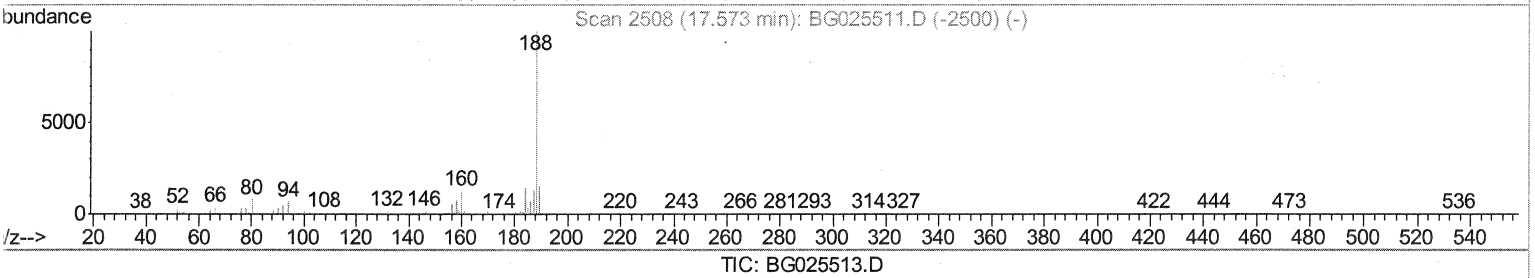
Quant Time: Jan 13 16:57:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM







TIC: BG025513.D

(61) Phenanthrene-d10 (I)

17.568min (-0.008) 20.00ng/ul m SJ 1/14/17

response 482747

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.36#
80.00	9.70	9.18
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011317\
Data File : BG025513.D
Acq On : 13 Jan 2017 16:18
Operator : UM/SJ
Sample : I1159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 17:01:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 18:33:35 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0AA0

Manual Integrations APPROVED
Sohil
1/16/2017 8:29:53 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.22	152	85505	20.00	ng/ul	0.02	
18) Naphthalene-d8	11.04	136	284724	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.82	164	207532	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.57	188	482747m>	20.00	ng/ul	0.00	SJ 1/17/17
77) Chrysene-d12	21.86	240	711663	20.00	ng/ul	0.00	
85) Perylene-d12	25.26	264	734953	20.00	ng/ul	-0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.54	96	1202m>	0.76	ng/uL	0.00	SJ 1/17/17
5) Phenol-d5	7.37	99	30198	4.50	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.53	67	115542	26.57	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.74	132	102227	20.64	ng/ul	0.00	
13) 4-Methylphenol-d8	8.92	113	61797	11.12	ng/ul	0.00	
19) Nitrobenzene-d5	9.39	128	67631	34.08	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.12	143	83110	35.09	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.66	165	129019	29.44	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.19	131	1232	0.24	ng/ul	0.02	
43) Dimethylphthalate-d6	14.22	166	488034	34.14	ng/ul	0.00	
46) Acenaphthylene-d8	14.52	160	493900	31.39	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.11	143	14174m>	7.14	ng/ul	0.05	SJ 1/17/17
57) Fluorene-d10	15.81	176	441835	33.15	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.96	200	107974	35.18	ng/ul	0.00	
70) Anthracene-d10	17.67	188	684402	33.42	ng/ul	0.00	
78) Pyrene-d10	19.94	212	949367	34.54	ng/ul	0.00	
89) Benzo(a)pyrene-d12	25.02	264	984176	32.39	ng/ul	0.00	
Target Compounds						Qvalue	
20) Nitrobenzene	9.43	77	352562	55.72	ng/ul#	80	
23) 2-Nitrophenol	10.15	139	8917	3.55	ng/ul#	68	
28) Naphthalene	11.08	128	14551	1.12	ng/ul#	92	
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	237065	34.43	ng/ul#	96	
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	696100	103.14	ng/uL	99	
73) Pentachlorobenzene	15.14	250	21164	3.01	ng/uL	92	

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