Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

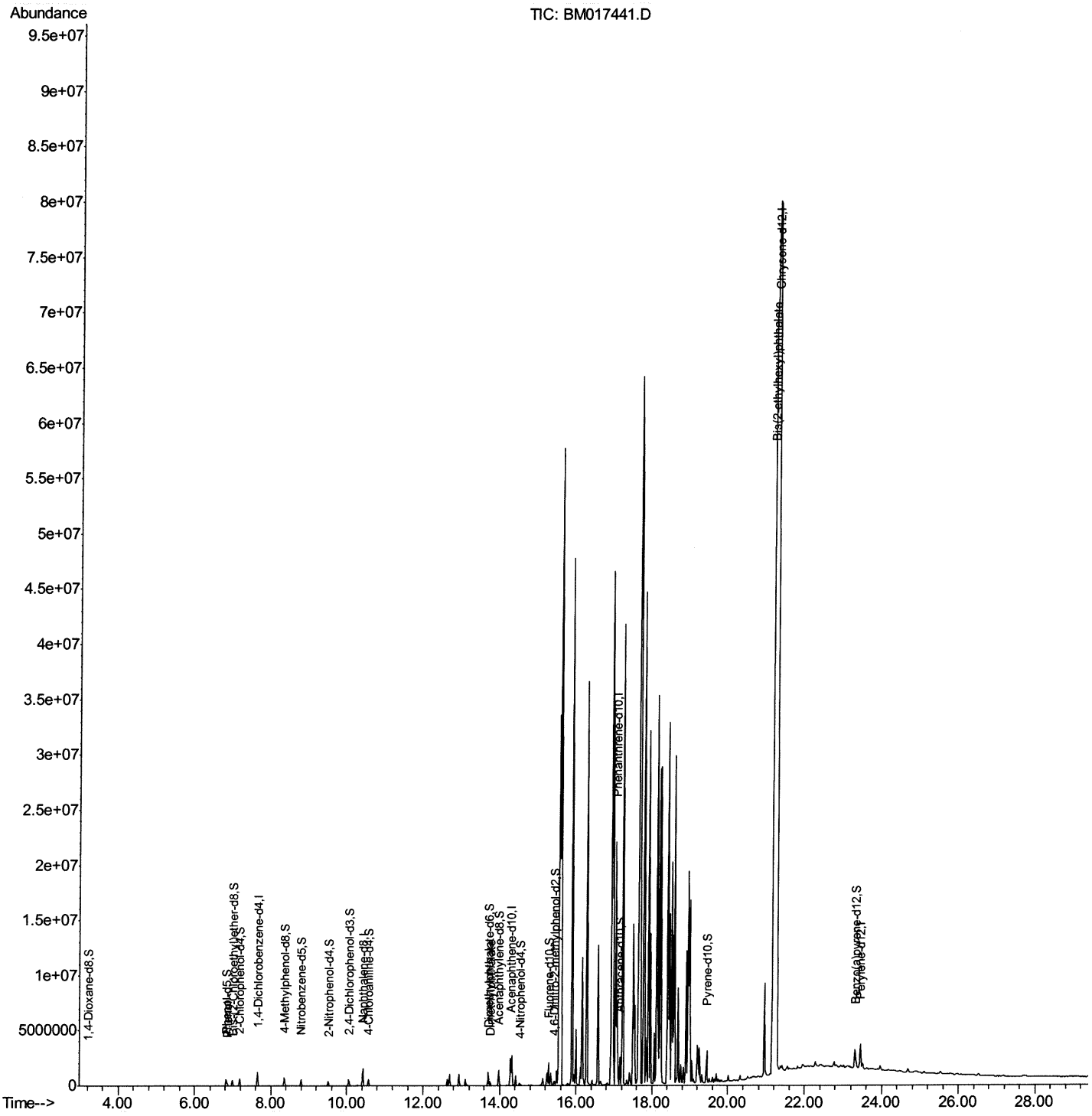
Quantitation Report (QT Reviewed)

Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:23:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

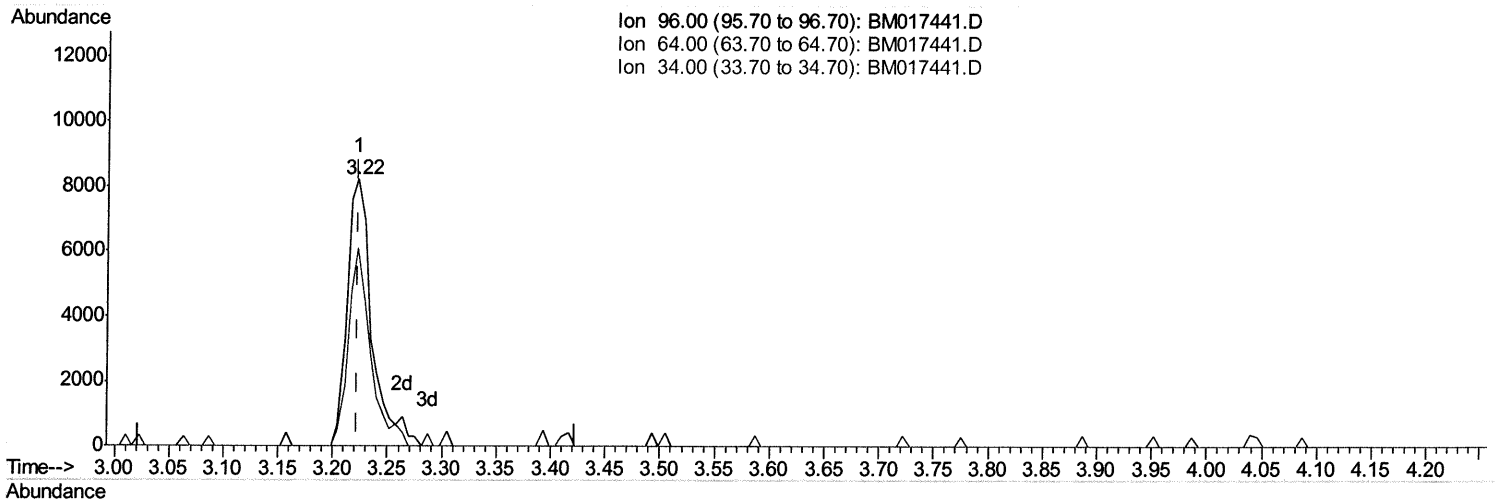
Quantitation Report (Qedit)

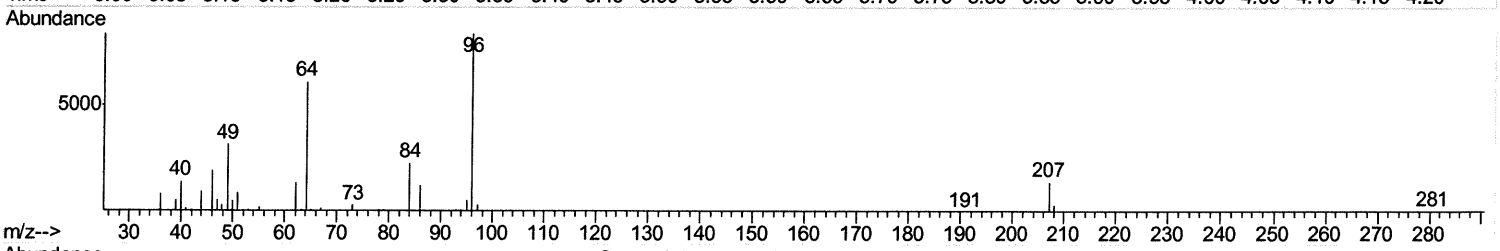
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 06:49:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

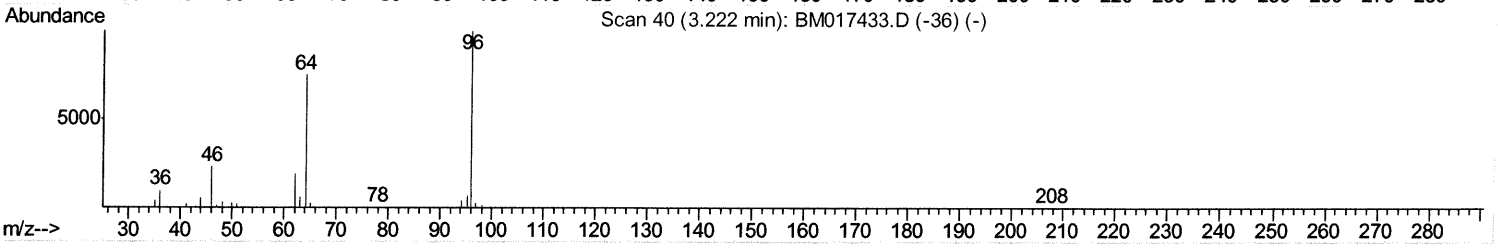
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 40 (3.222 min): BM017433.D (-36) (-)



TIC: BM017441.D

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

3.222min (-0.000) 1.75ng/uL

response 12356

Ion	Exp%	Act%
96.00	100	100
64.00	78.00	73.89
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

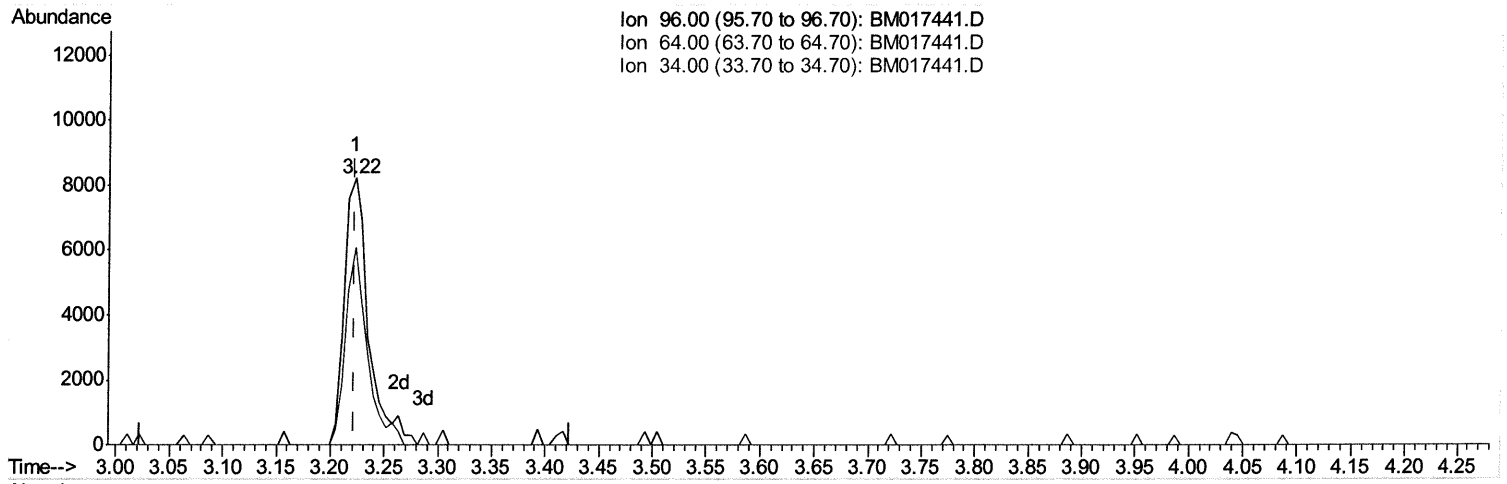
Quantitation Report (Qedit)

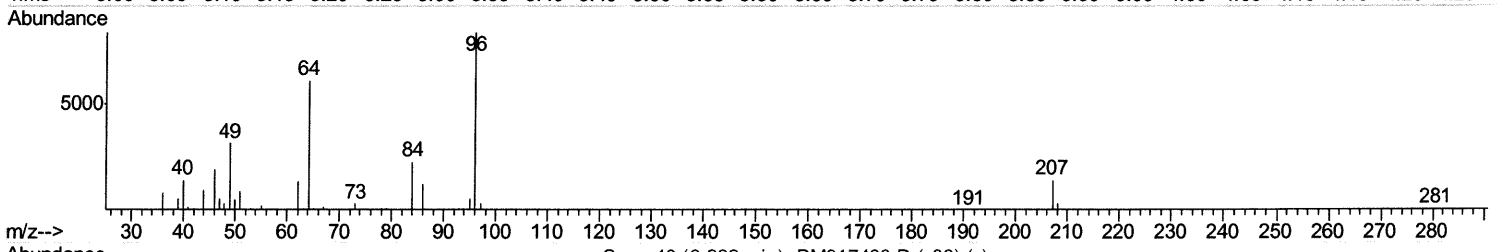
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

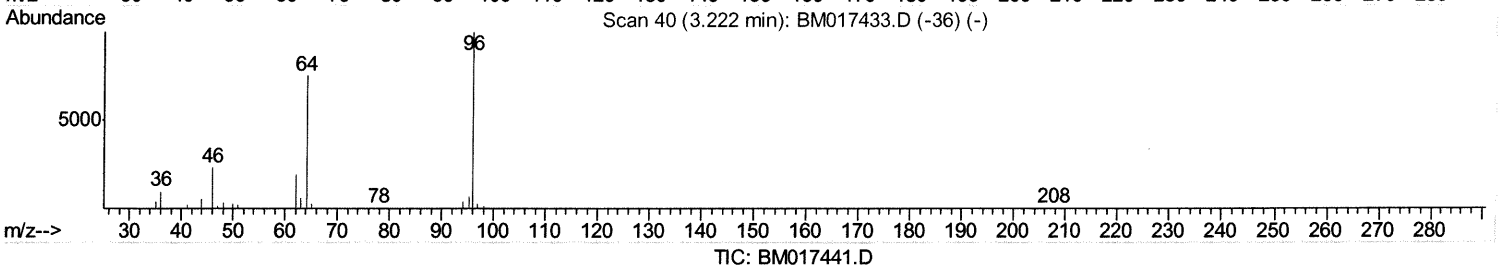
Quant Time: Nov 01 06:49:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM







TIC: BM017441.D

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

3.222min (-0.000) 1.83ng/uL m SJ 11/2/18

response 12885

Ion	Exp%	Act%
96.00	100	100
64.00	78.00	73.89
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

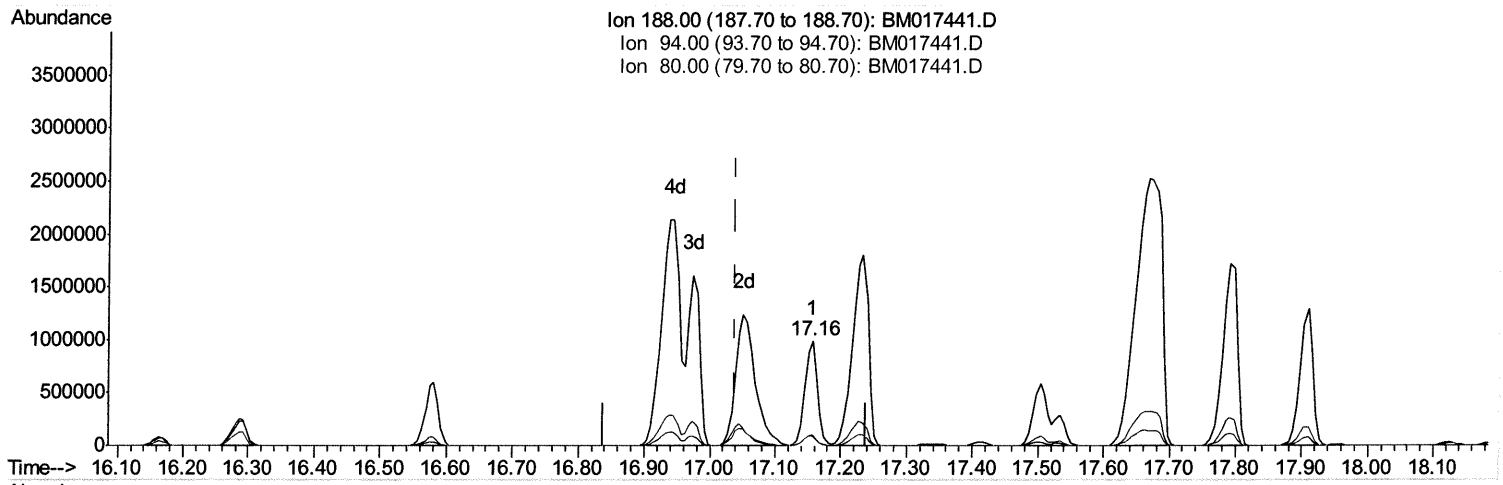
Quantitation Report (Qedit)

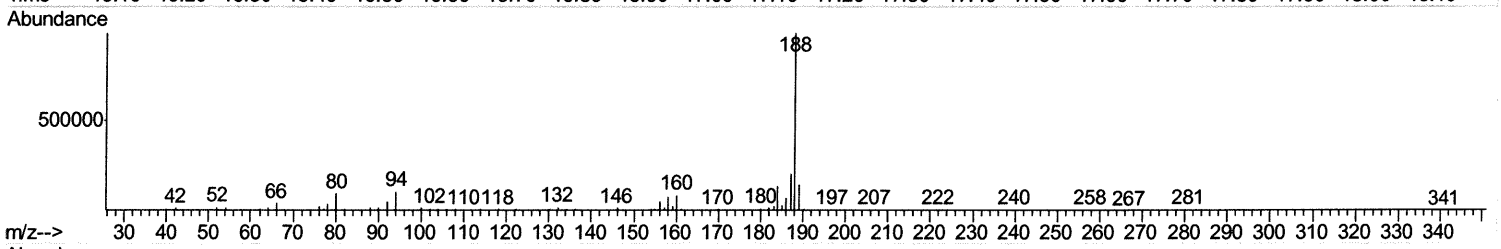
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

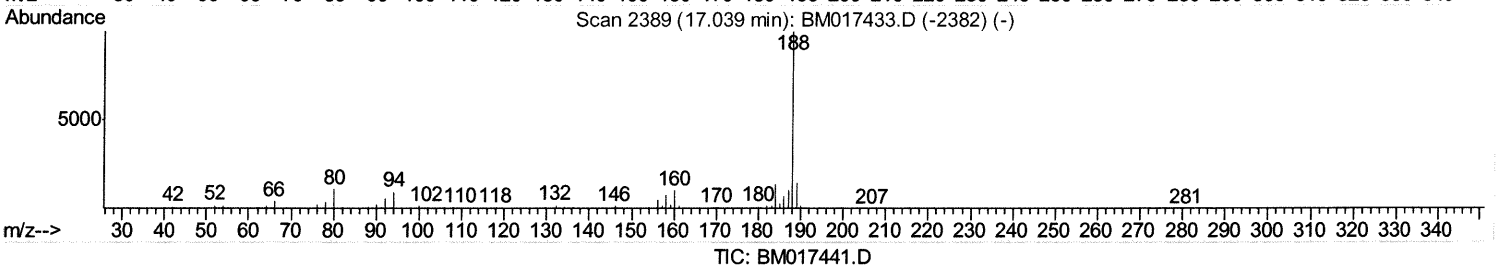
Quant Time: Nov 01 06:49:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM







TIC: BM017441.D

(62) Phenanthrene-d10 (I)

17.157min (+0.118) 20.00ng/ul

response 1287412

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	10.34
80.00	9.90	9.30
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

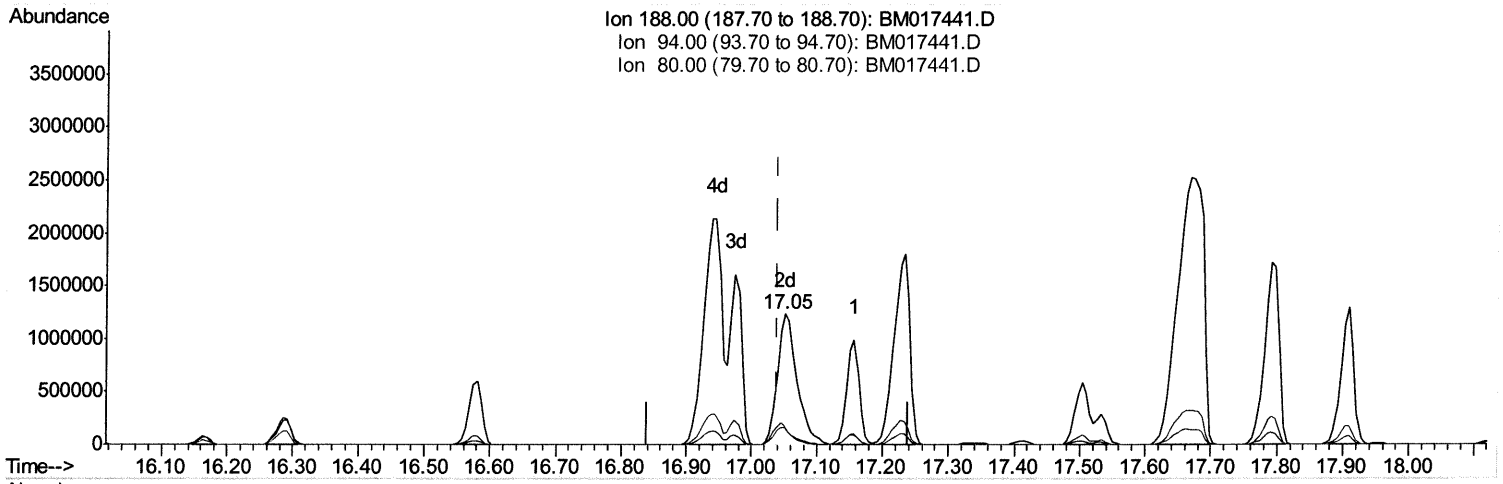
Quantitation Report (Qedit)

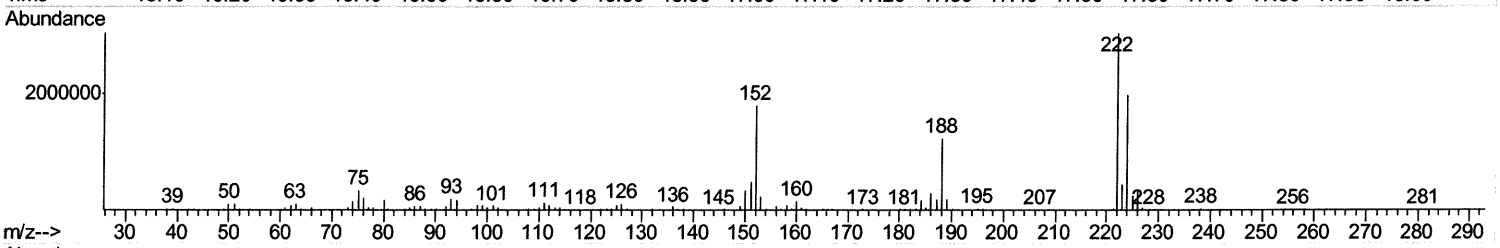
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

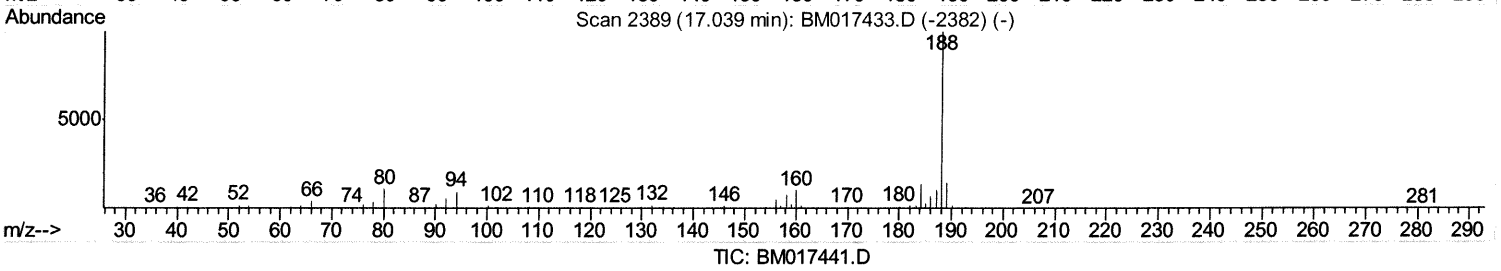
Quant Time: Nov 01 06:49:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM







TIC: BM017441.D

(62) Phenanthrene-d10 (I)

17.051min (+0.012) 20.00ng/ul m SJ 11/2/18

response 2563928

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	13.81#
80.00	9.90	12.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

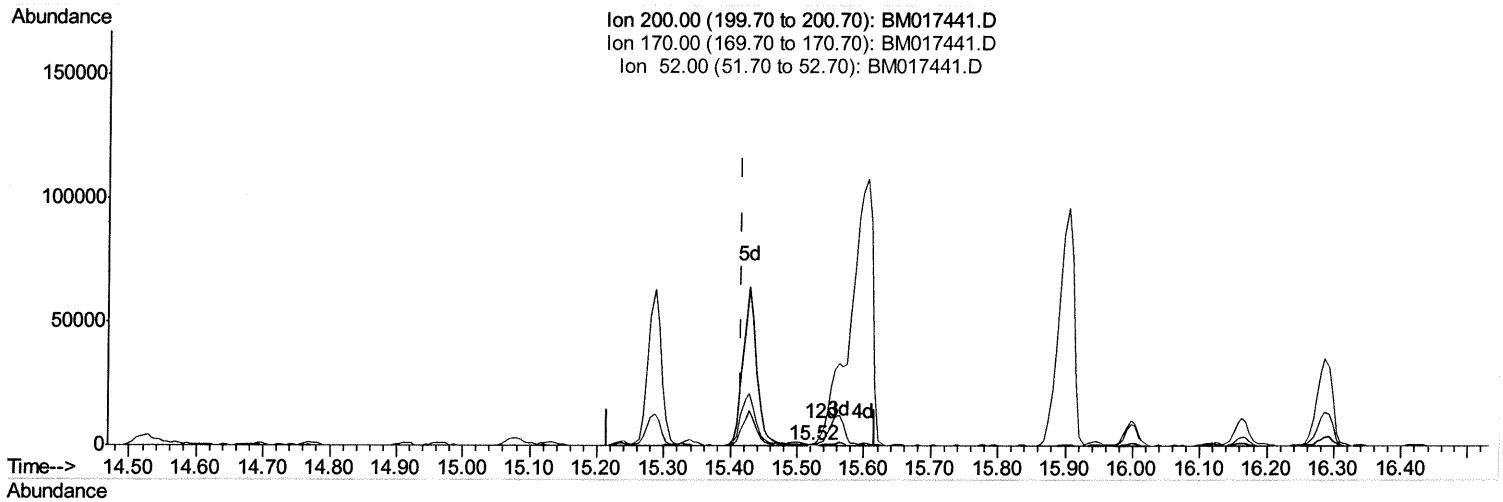
Quantitation Report (Qedit)

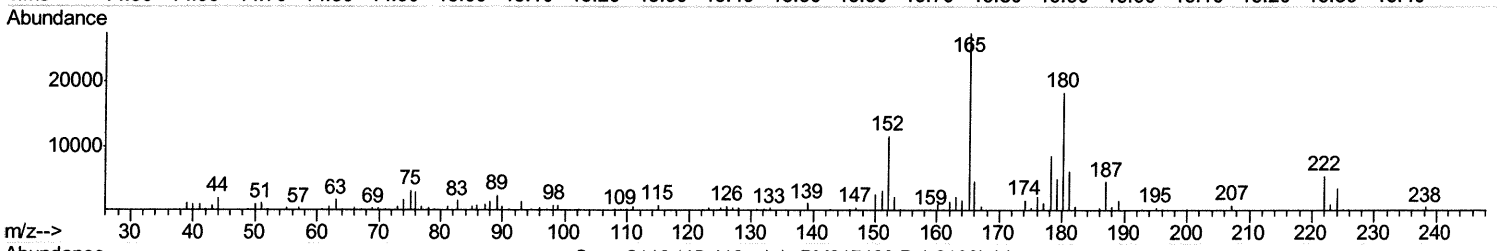
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

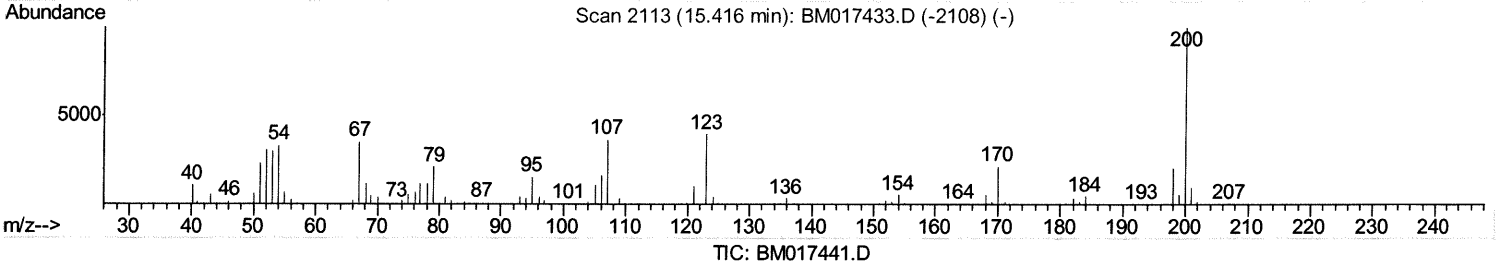
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 2113 (15.416 min): BM017433.D (-2108) (-)



TIC: BM017441.D

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

15.521min (+0.106) 0.02ng/ul

response 284

Ion	Exp%	Act%
200.00	100	100
170.00	21.00	75.60#
52.00	42.60	138.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

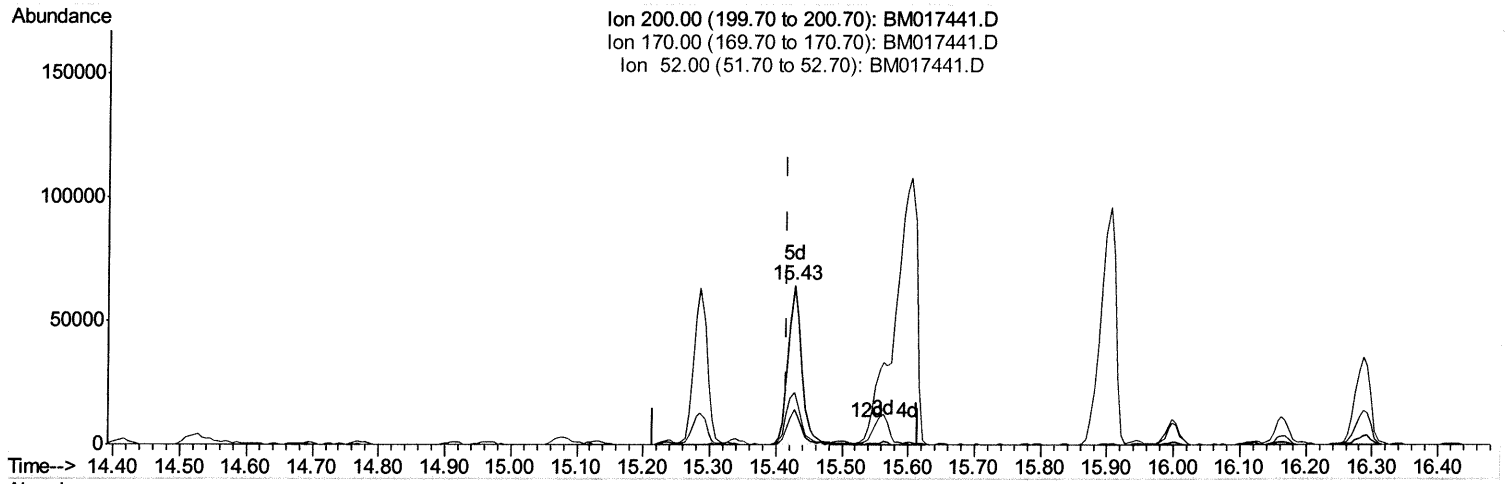
Quantitation Report (Qedit)

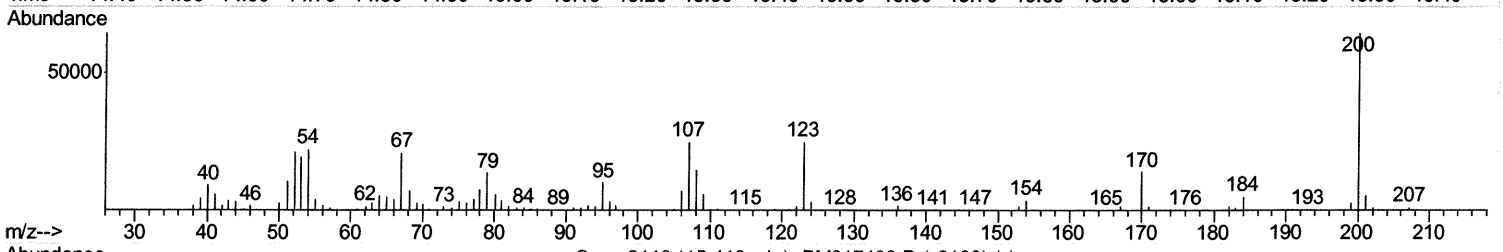
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

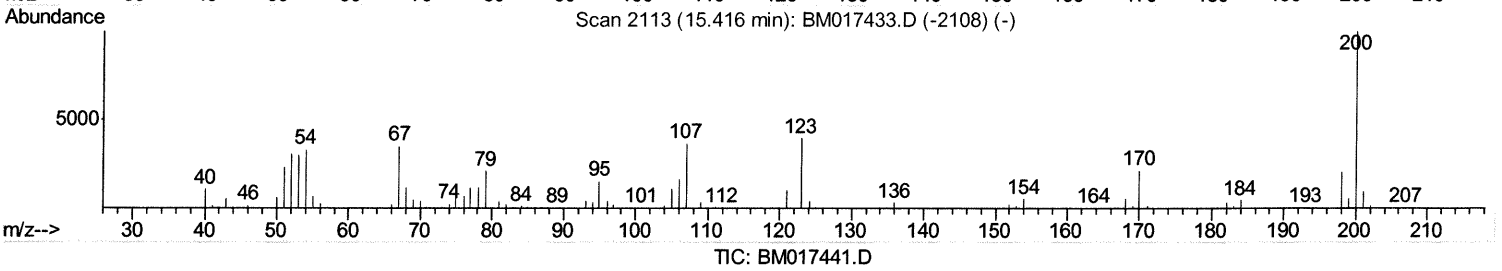
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 2113 (15.416 min): BM017433.D (-2108) (-)



TIC: BM017441.D

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

15.427min (+0.012) 5.16ng/ul m SJ 11/2/18

response 92190

Ion	Exp%	Act%
200.00	100	100
170.00	21.00	22.22
52.00	42.60	33.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

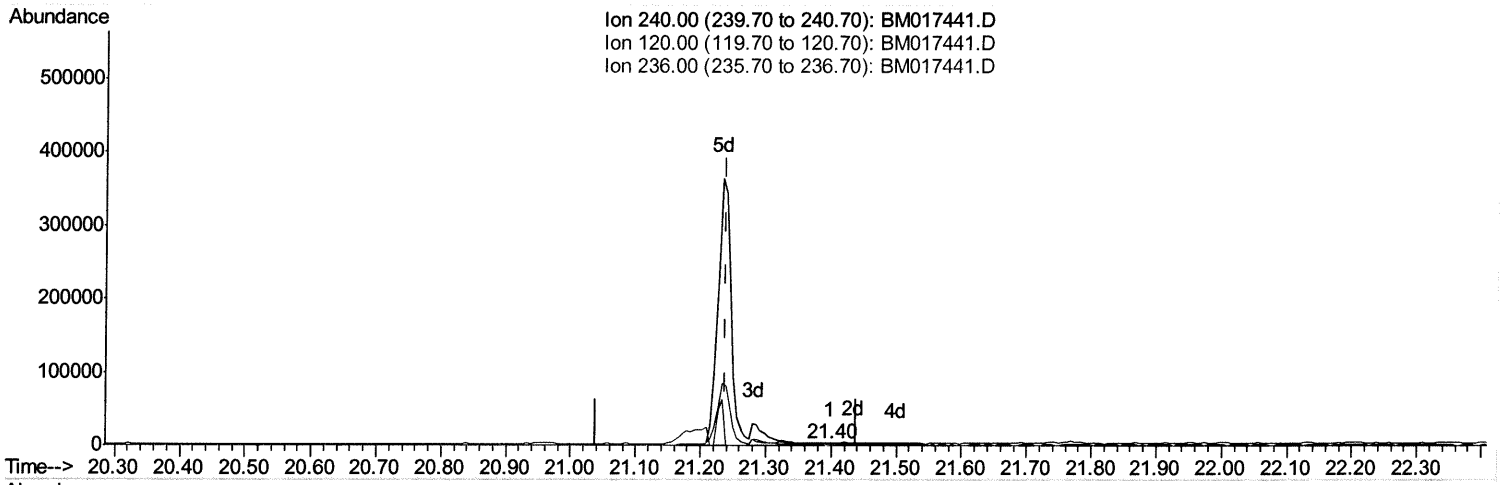
Quantitation Report (Qedit)

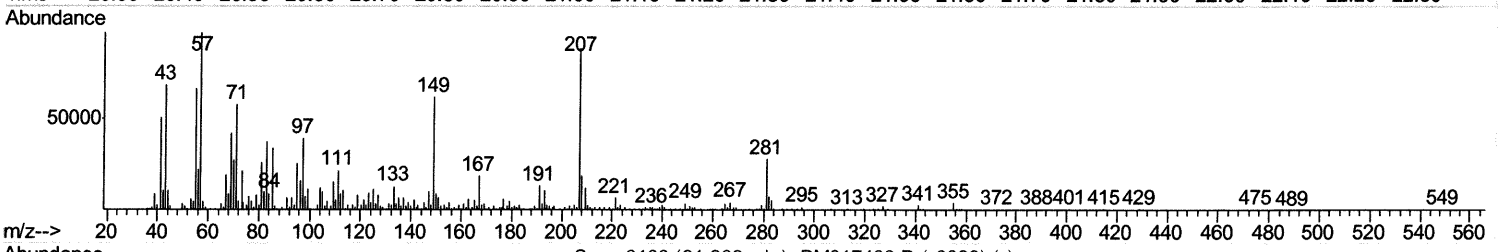
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

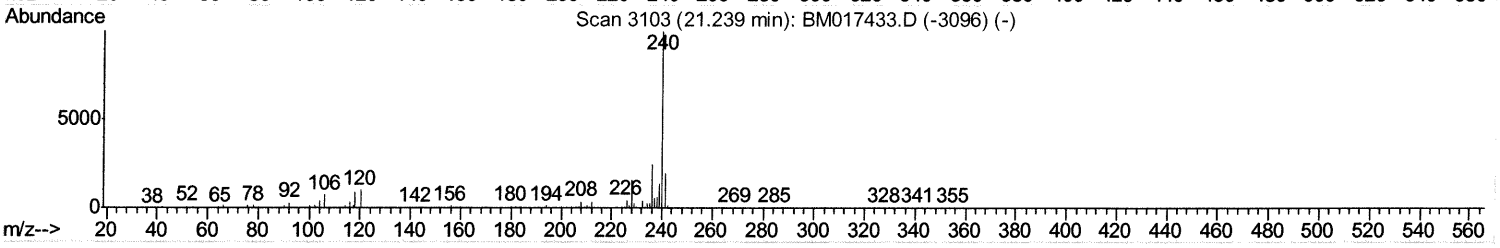
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 3103 (21.239 min): BM017433.D (-3096) (-)



TIC: BM017441.D

(78) Chrysene-d12 (I)

21.397min (+0.159) 20.00ng/ul

response 1997

Ion	Exp%	Act%
240.00	100	100
120.00	9.50	99.00#
236.00	25.00	47.10#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

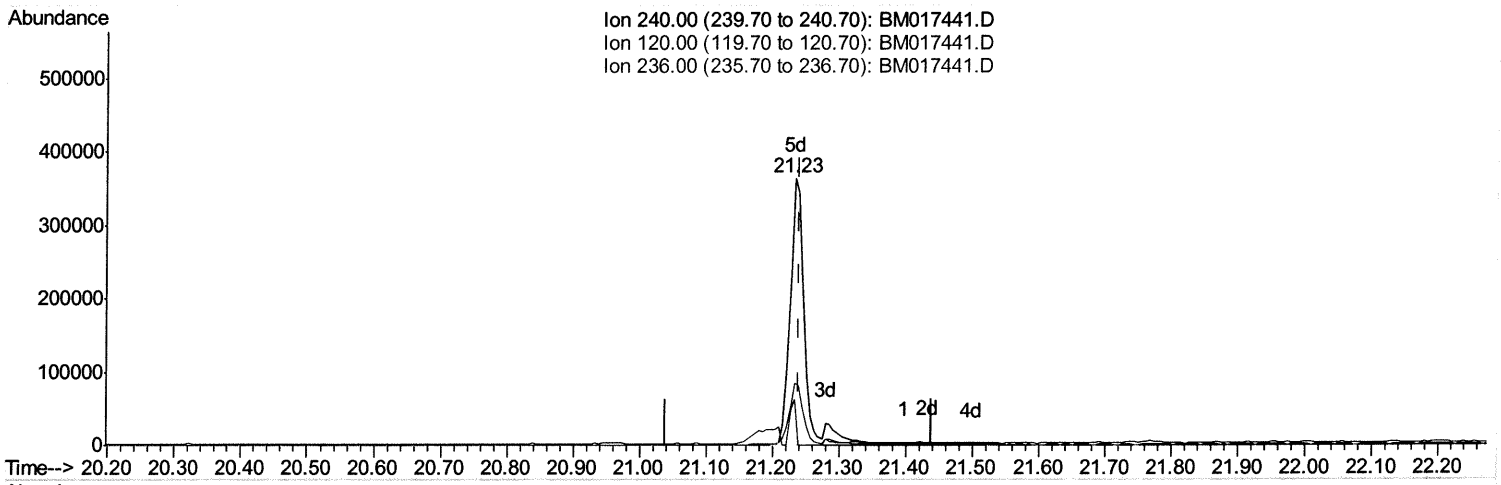
Quantitation Report (Qedit)

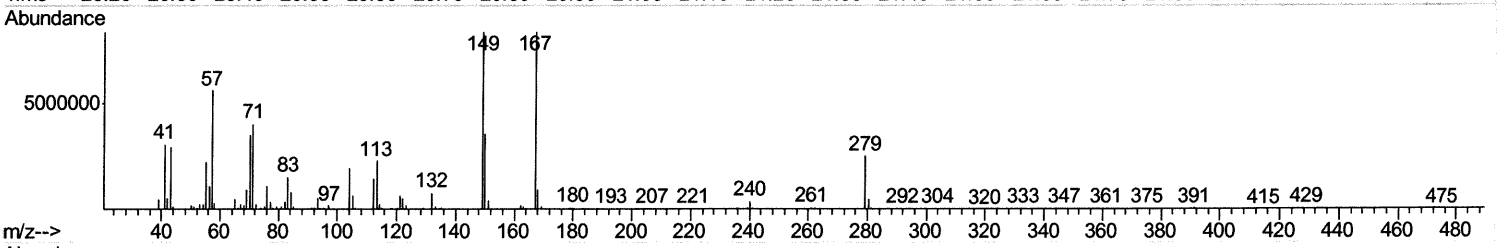
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

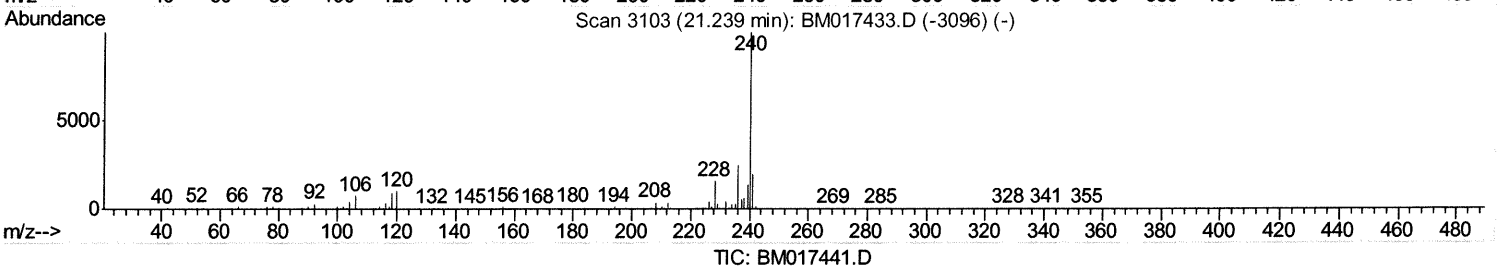
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 3103 (21.239 min): BM017433.D (-3096) (-)



TIC: BM017441.D

(78) Chrysene-d12 (I)

21.233min (-0.006) 20.00ng/ul m SJ 11/2/18

response 517410

Ion	Exp%	Act%
240.00	100	100
120.00	9.50	17.09#
236.00	25.00	23.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

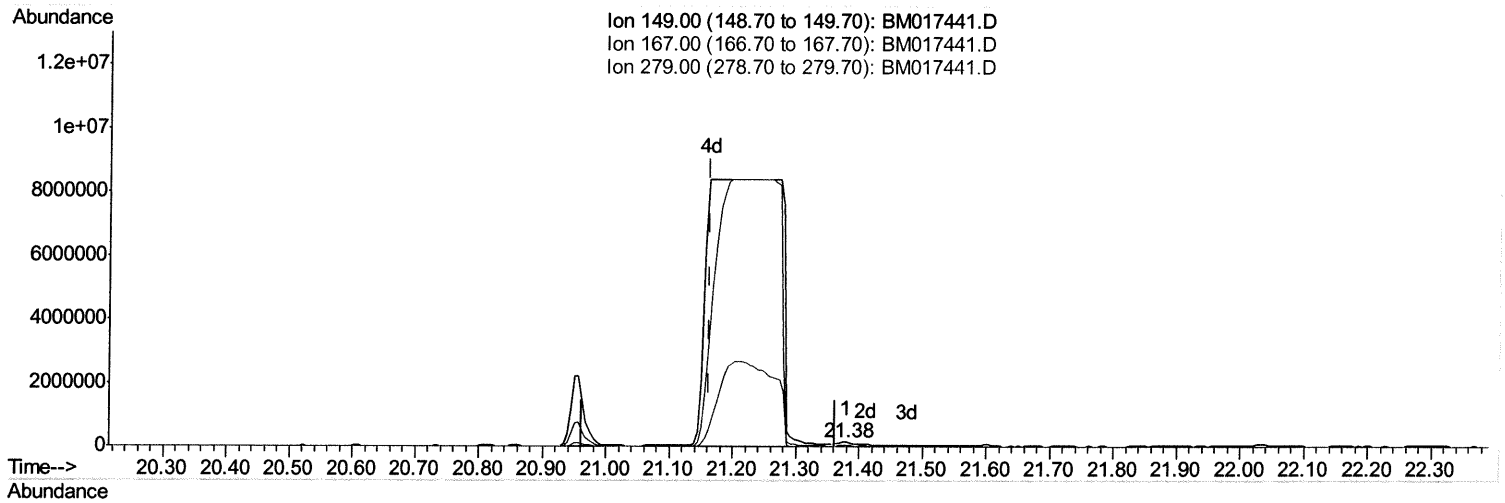
Quantitation Report (Qedit)

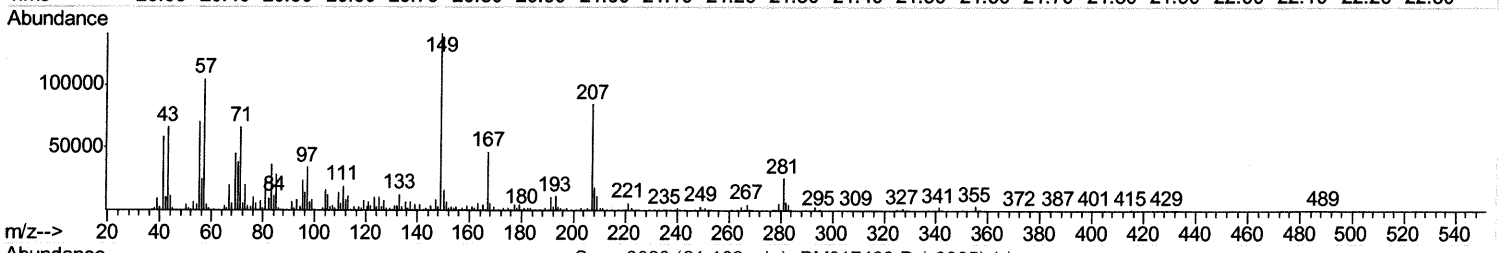
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

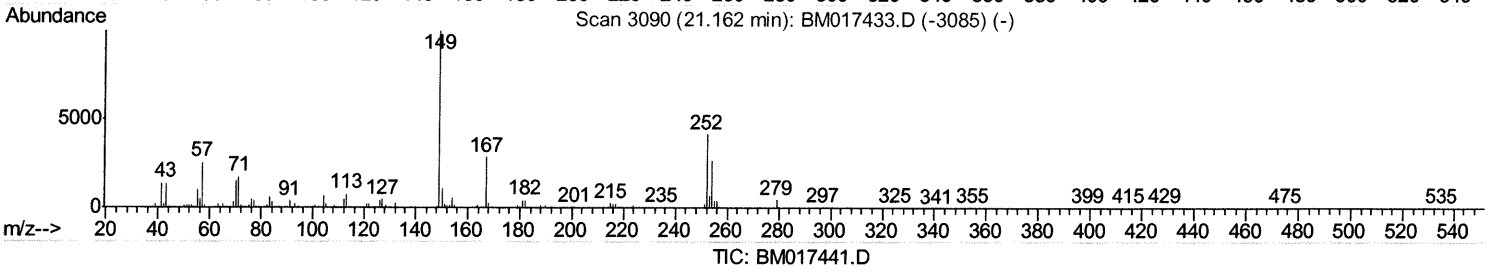
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 3090 (21.162 min): BM017433.D (-3085) (-)



TIC: BM017441.D

(84) Bis(2-ethylhexyl)phthalate

21.380min (+0.218) 5.16ng/ul

response 90456

Ion	Exp%	Act%
149.00	100	100
167.00	28.80	33.35
279.00	5.10	4.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

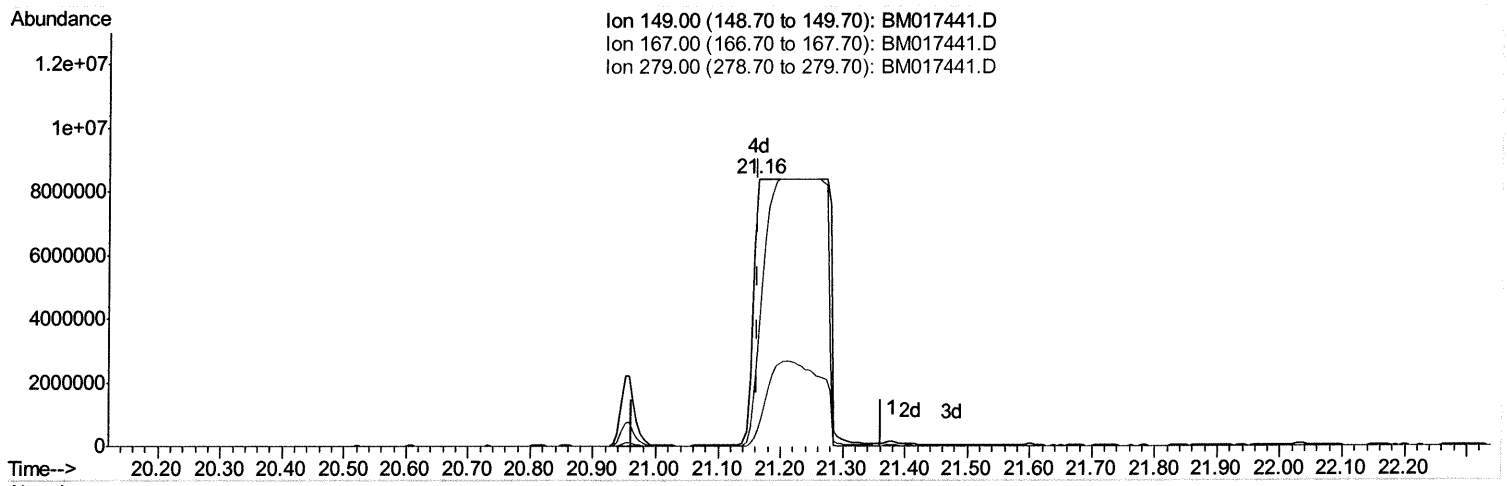
Quantitation Report (Qedit)

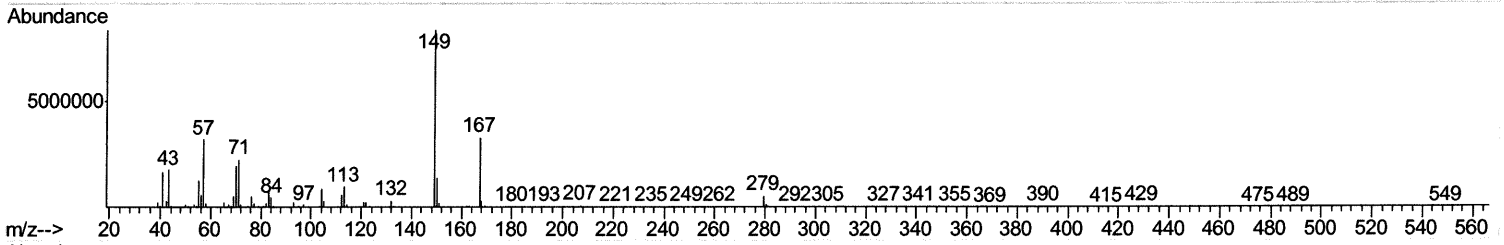
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

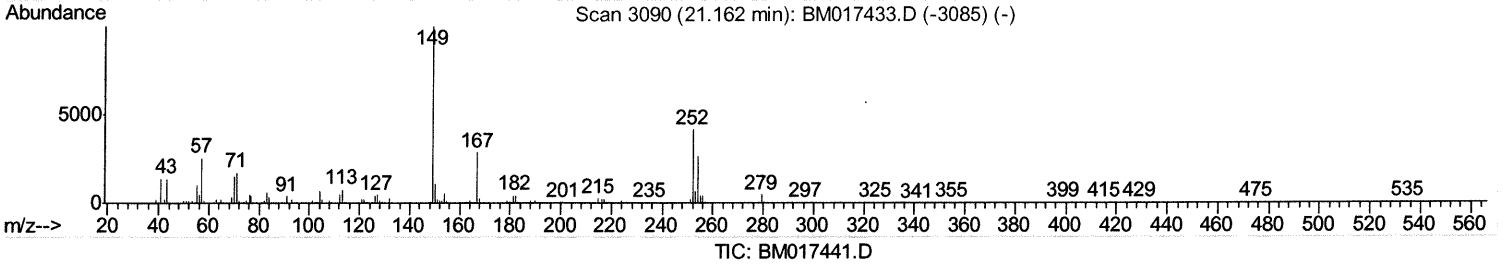
Quant Time: Nov 01 07:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM







TIC: BM017441.D

(84) Bis(2-ethylhexyl)phthalate

21.162min (-0.000) 3747.71ng/ul m SJ 11/2/18

response 65689849

Ion	Exp%	Act%
149.00	100	100
167.00	28.80	39.16#
279.00	5.10	6.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

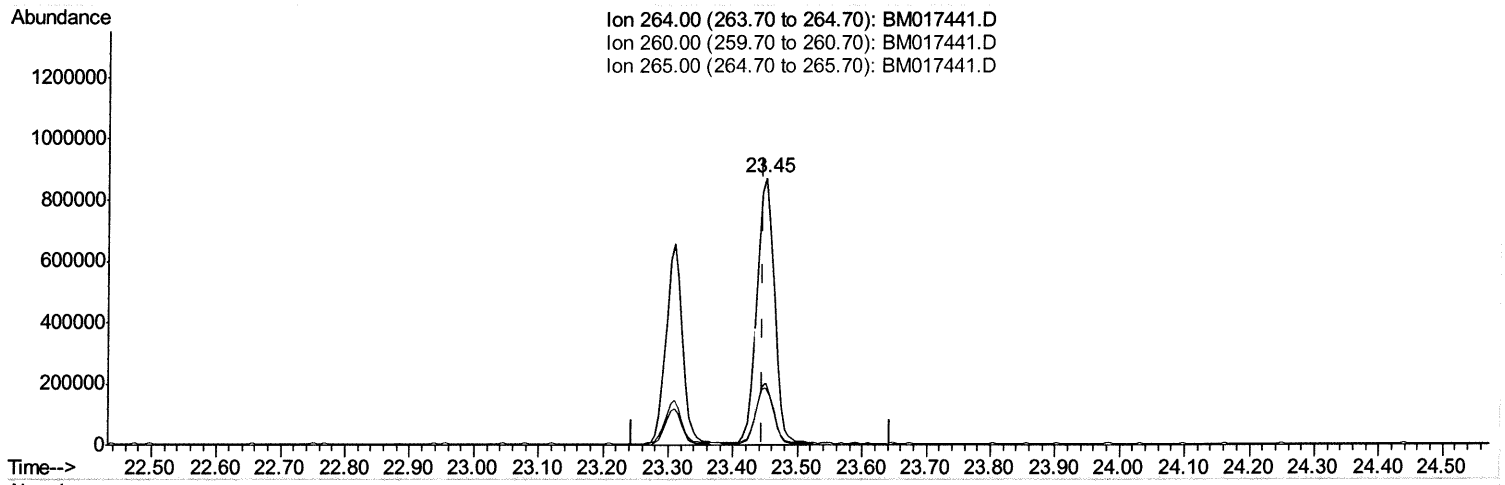
Quantitation Report (Qedit)

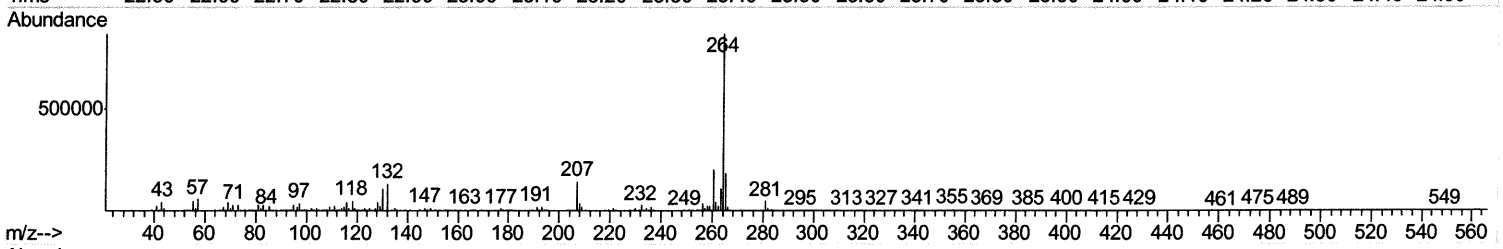
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

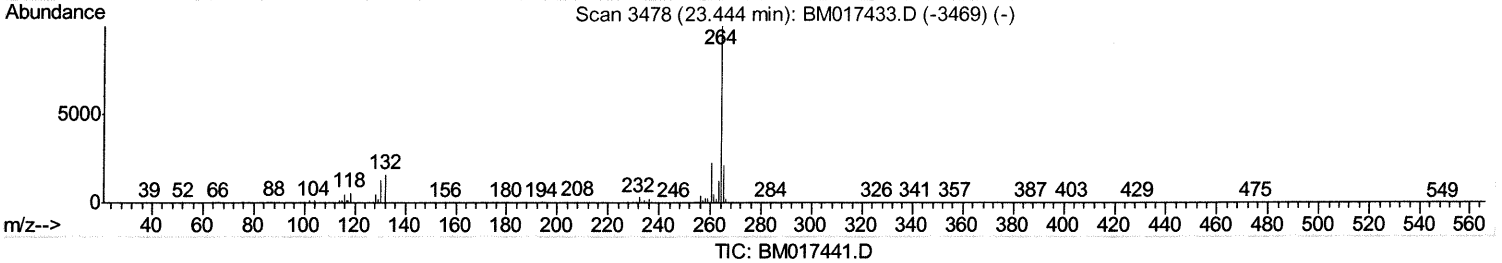
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 3478 (23.444 min): BM017433.D (-3469) (-)



TIC: BM017441.D

(86) Perylene-d12 (I)

23.450min (+0.006) 20.00ng/ul

response 1426841

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	23.03
265.00	21.90	21.56
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

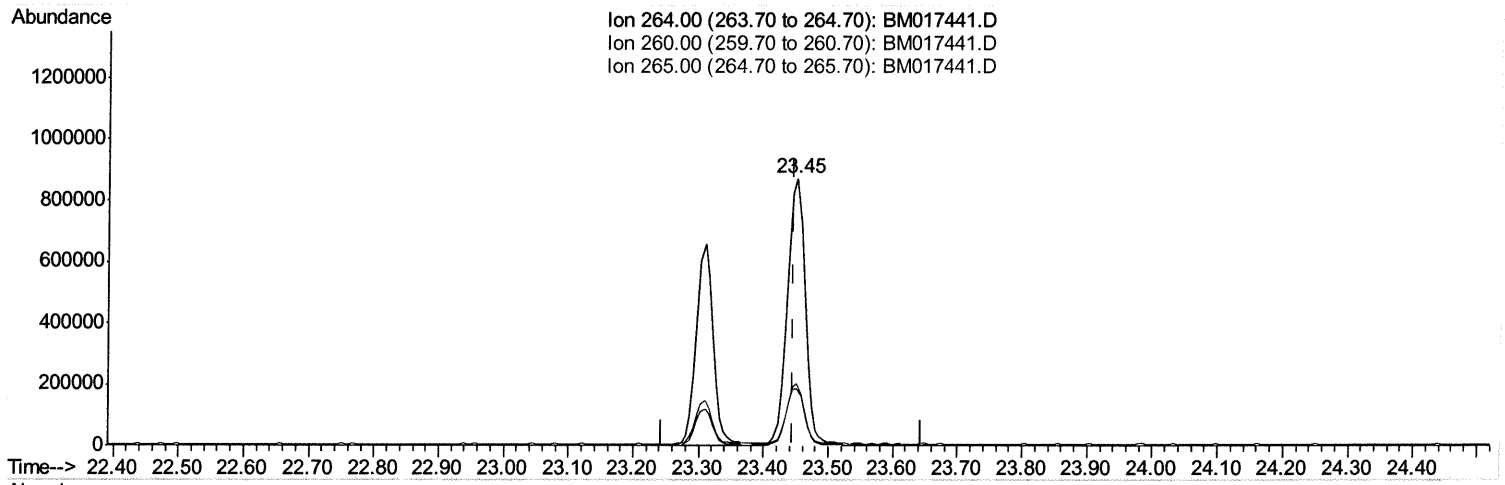
Quantitation Report (Qedit)

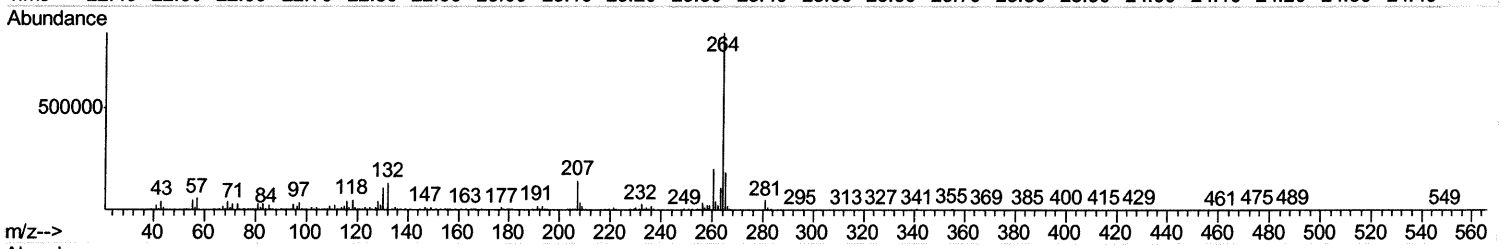
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

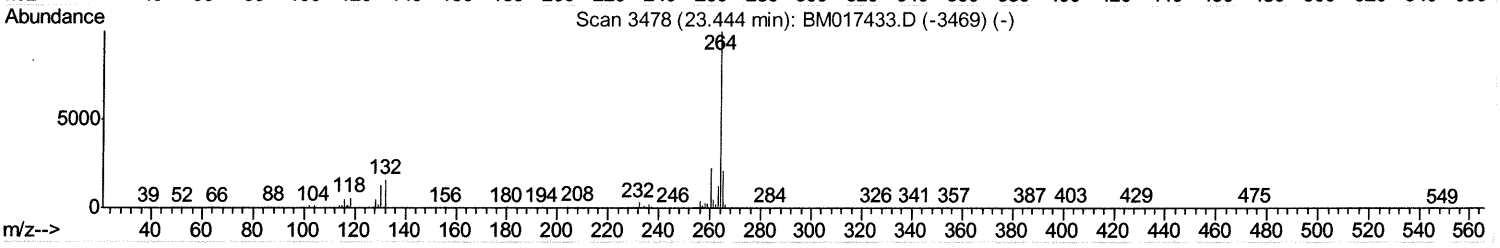
Instrument :
BNA_M
ClientSampleId :
A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM





Scan 3478 (23.444 min): BM017433.D (-3469) (-)



TIC: BM017441.D

(86) Perylene-d12 (I)

23.450min (+0.006) 20.00ng/ul m SJ 11/2/18

response 1681747

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	23.03
265.00	21.90	21.56
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\

Quantitation Report (QT Reviewed)

Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 07:23:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : A40G0

Manual Integrations APPROVED
Sohil
11/1/2018 10:54:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.65	152	324078	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.42	136	1361885	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.29	164	807088	20.00	ng/ul	0.00	
62) Phenanthrene-d10	17.05	188	2563928m	20.00	ng/ul	0.01	SJ 11/2/18
78) Chrysene-d12	21.23	240	517410m	20.00	ng/ul	0.00	
86) Perylene-d12	23.45	264	1681747m	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.22	96	12885m	1.83	ng/uL	0.00	SJ 11/2/18
5) Phenol-d5	6.83	99	351129	11.86	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.99	67	223274	12.93	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.18	132	294982	12.85	ng/ul	0.00	
13) 4-Methylphenol-d8	8.35	113	279128	11.93	ng/ul	0.00	
19) Nitrobenzene-d5	8.80	128	135094	12.69	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.51	143	143754	12.04	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.05	165	249776	11.27	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.57	131	364735	20.15	ng/ul	0.00	
44) Dimethylphthalate-d6	13.70	166	850870	12.29	ng/ul	0.00	
47) Acenaphthylene-d8	13.97	160	1072656	12.76	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.52	143	84941	6.57	ng/ul	0.01	
58) Fluorene-d10	15.29	176	762081	12.68	ng/ul	0.00	SJ 11/2/18
63) 4,6-Dinitro-2-methylphenol	15.43	200	92190m	5.16	ng/ul	0.01	
71) Anthracene-d10	17.16	188	1287940	10.15	ng/ul	0.02	
79) Pyrene-d10	19.44	212	1474224	61.50	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.31	264	1188004	13.38	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	6.85	94	101554	3.455	ng/ul	96	
45) Dimethylphthalate	13.75	163	281219	4.194	ng/ul	100	
84) Bis(2-ethylhexyl)phthalate	21.16	149	65689849m	3747.712	ng/ul		SJ 11/2/18

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