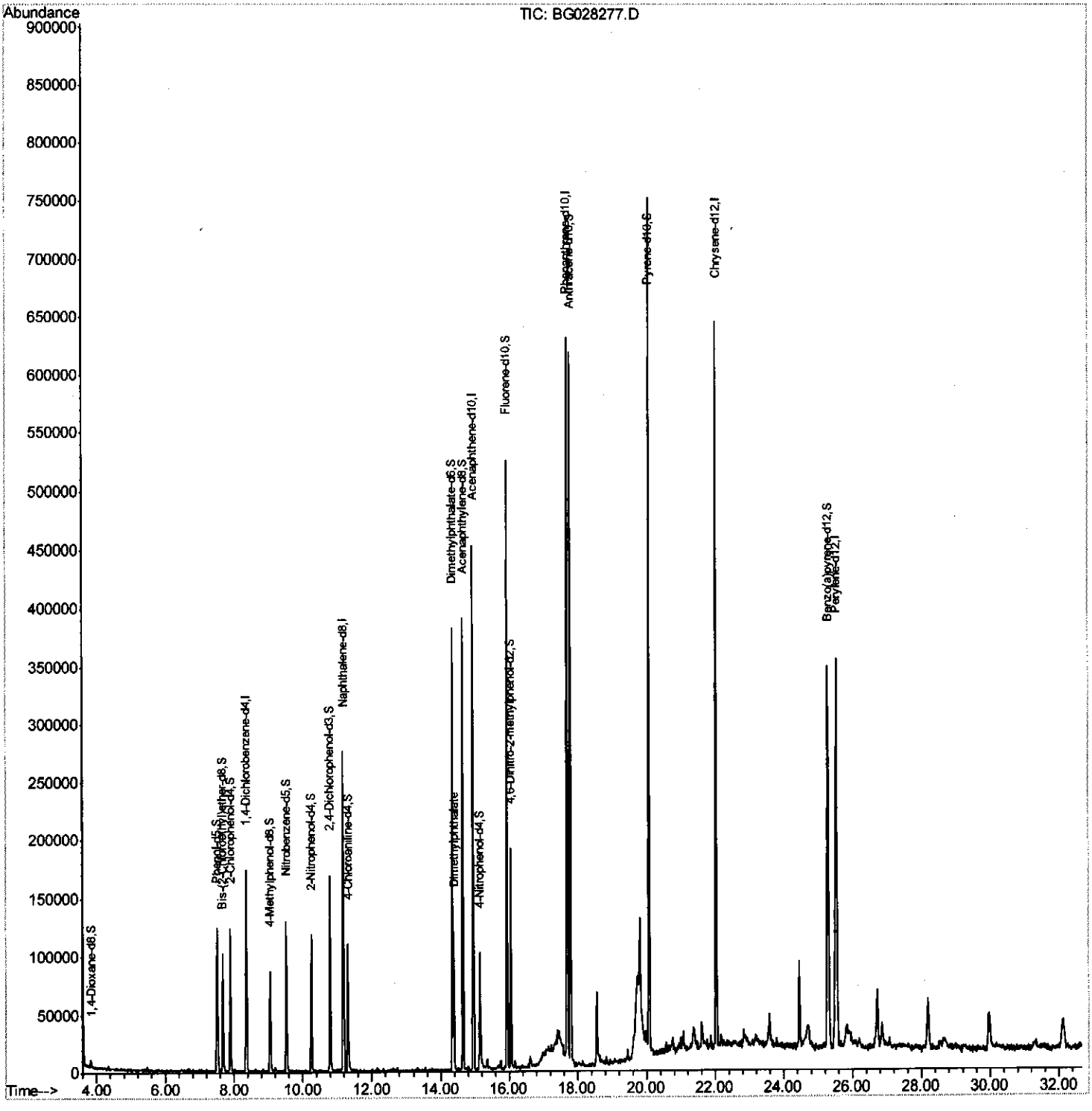
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 05:07:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM



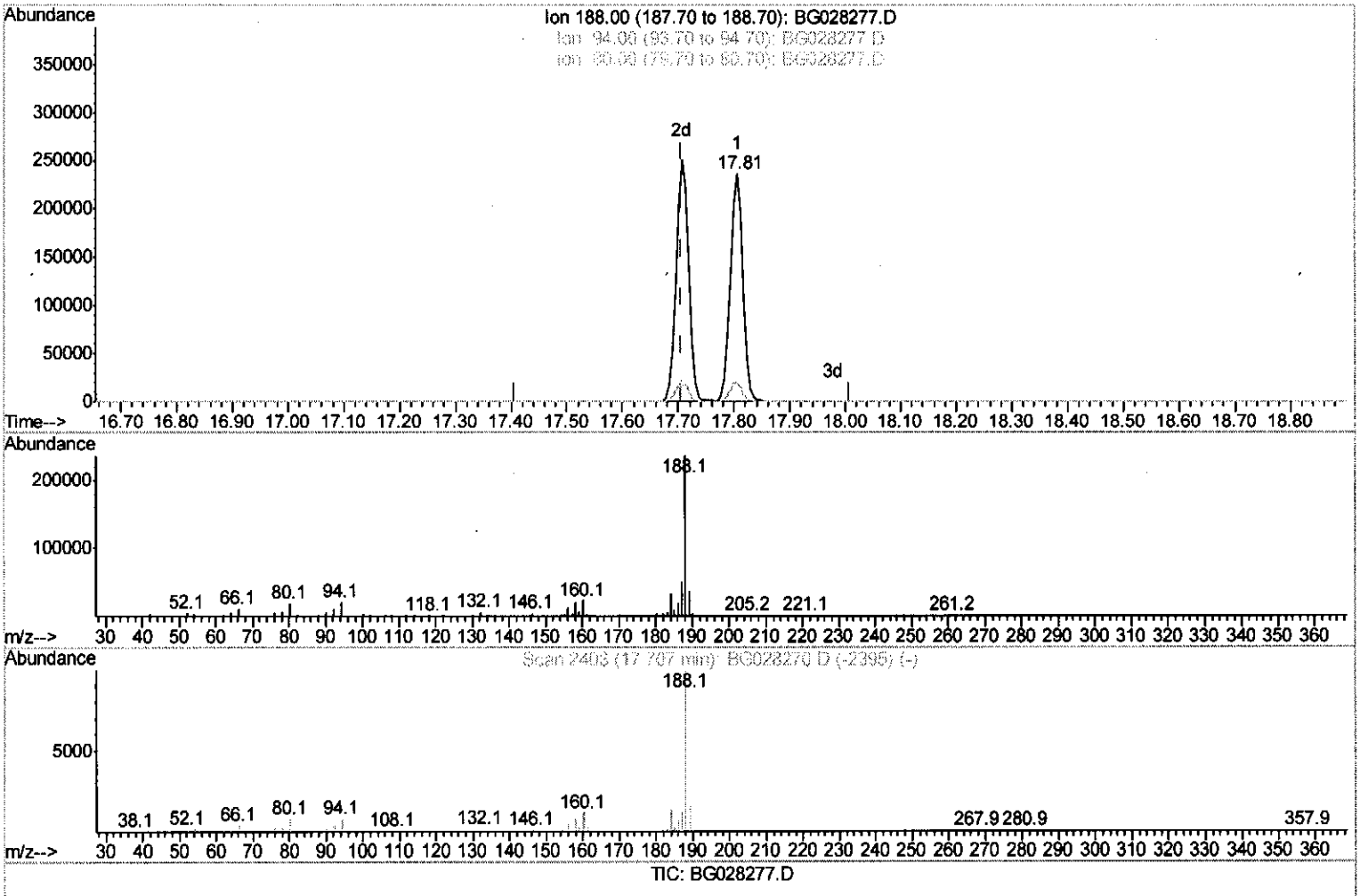
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 04:20:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM



TIC: BG028277.D

(61) Phenanthrene-d10 (I)

17.806min (+0.100) 20.00ng/ul

response 363606

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.40
80.00	9.50	7.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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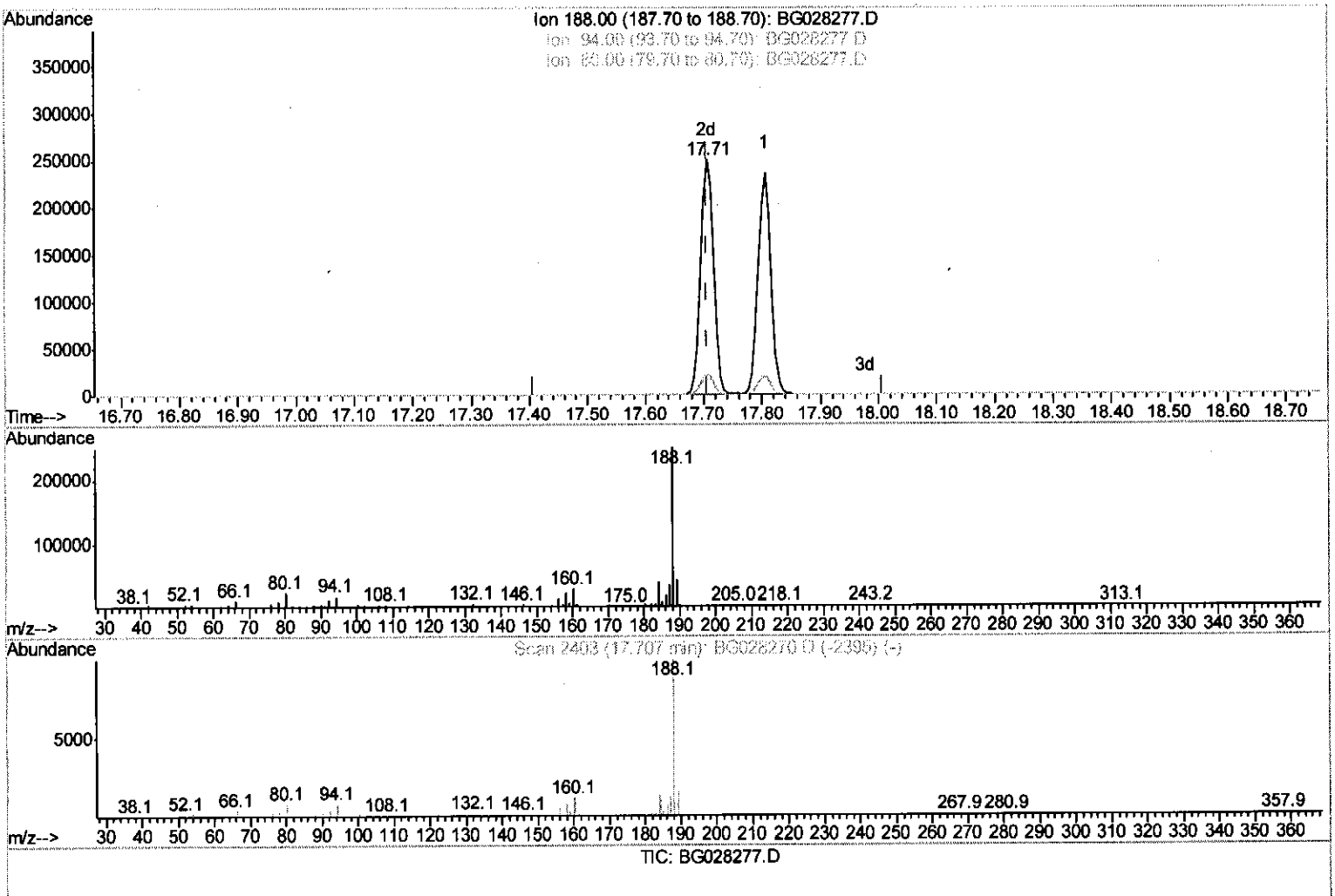
Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM



TIC: BG028277.D

(61) Phenanthrene-d10 (I)

17.706min (-0.000) 20.00ng/ul m

8/14/17

response 385685

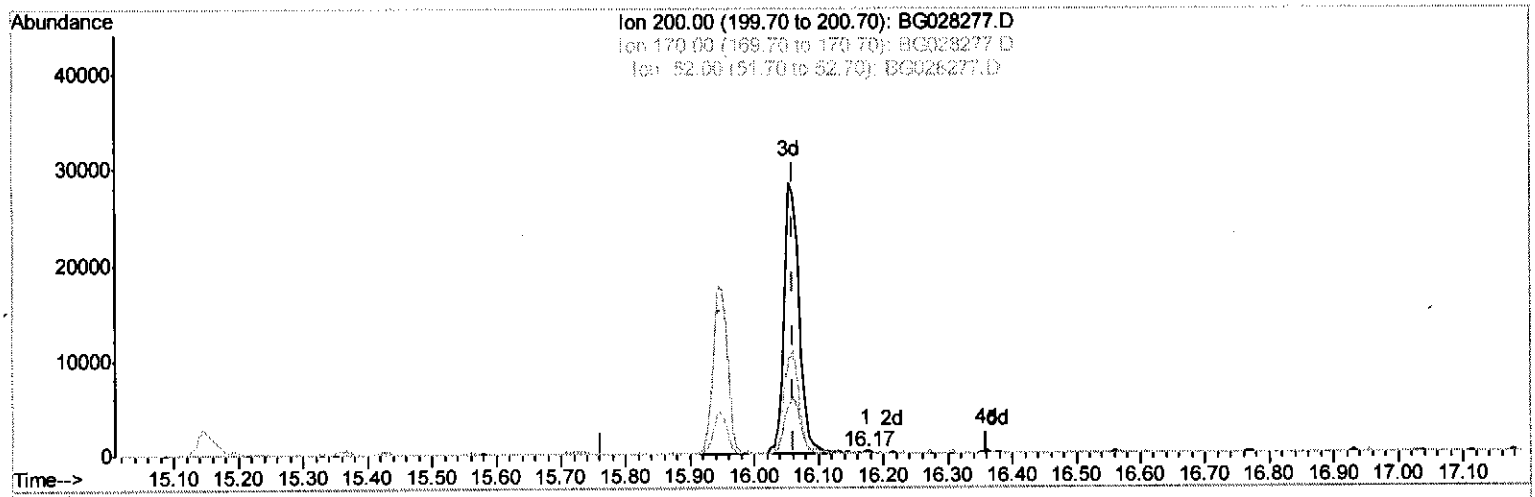
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.41#
80.00	9.50	8.72
0.00	0.00	0.00

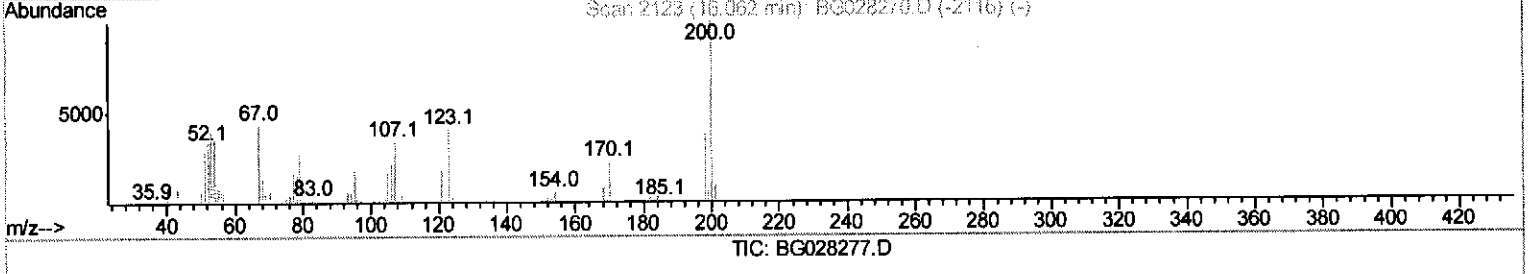
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 11 05:06:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM





TIC: BG028277.D

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

16.173min (+0.111) 0.09ng/ul

response 223

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	71.12#
52.00	47.20	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
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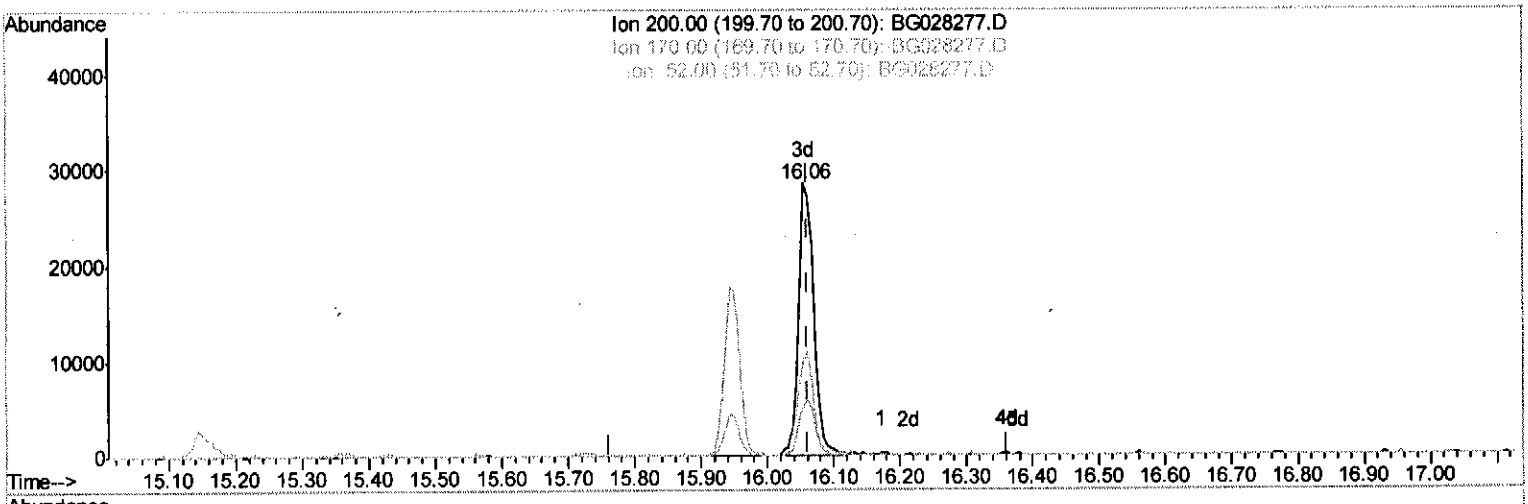
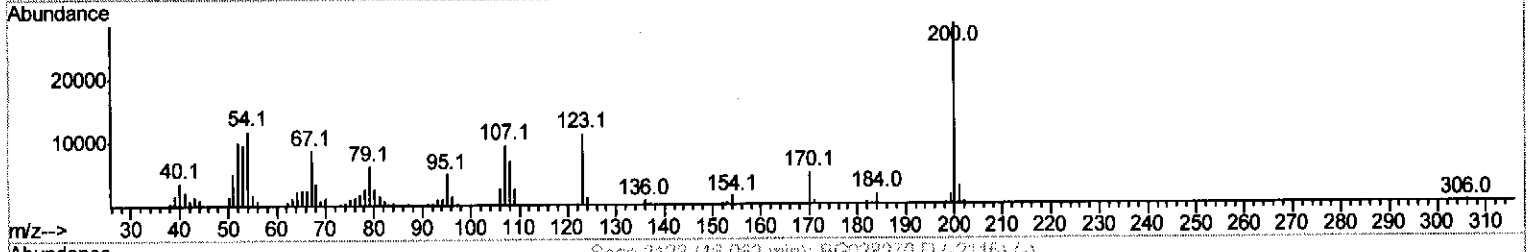
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

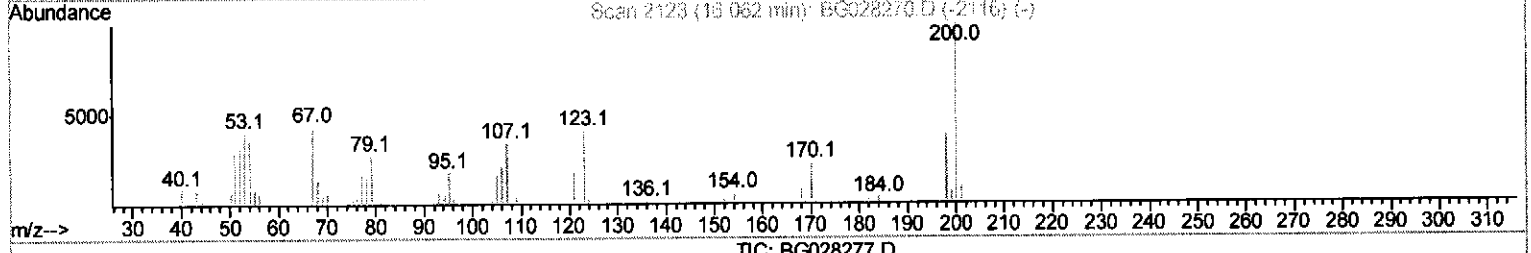
Quant Time: Aug 11 05:06:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM







TIC: BG028277.D

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

16.055min (-0.006) 17.89ng/ul m

response 44825

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	17.65#
52.00	47.20	35.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028277.D
Acq On : 11 Aug 2017 3:16
Operator : SJ/JU
Sample : I4504-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations APPROVED
Sohil
8/14/2017 4:02:41 PM

Quant Time: Aug 11 05:07:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	48975	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	219976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	159344	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	385685m>	20.00	ng/ul>	0.00>
75) Chrysene-d12	22.04	240	422856	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	410722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3210	3.05	ng/uL	0.00
5) Phenol-d5	7.50	99	71500	13.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	55194	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	53301	15.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	35999	8.01	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	29848	17.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	36052	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	65081	16.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	60831	14.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	262957	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	289605	18.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	30715	13.63	ng/ul	0.00
57) Fluorene-d10	15.95	176	222531	17.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	44825m>	17.89	ng/ul>	0.00>
70) Anthracene-d10	17.81	188	363606	19.66	ng/ul	0.00
76) Pyrene-d10	20.08	212	406476	18.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	363109	18.88	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.39	163	72570	5.561	ng/ul	98

JLL 8/14/17

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