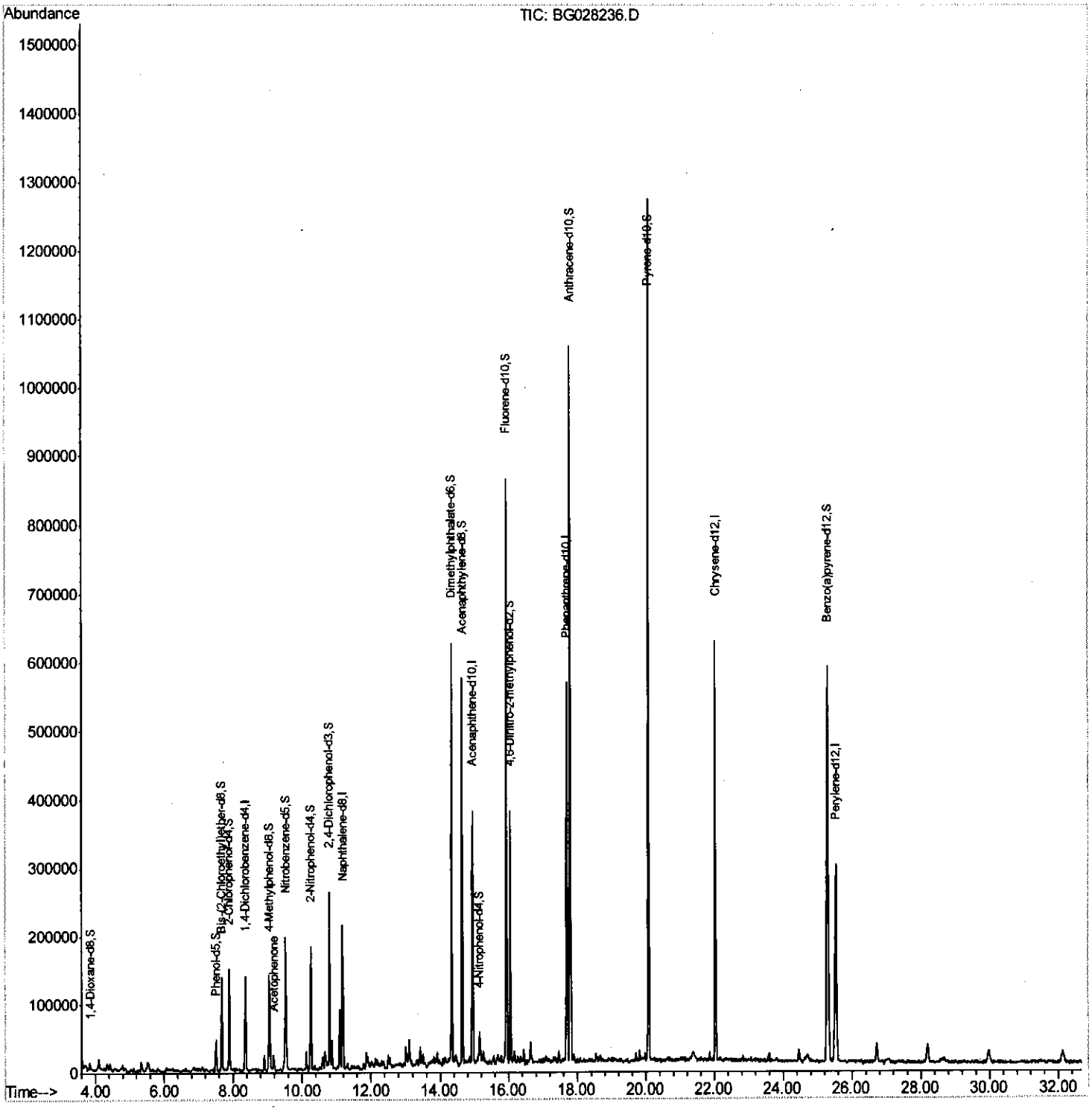
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028236.D
Acq On : 9 Aug 2017 21:47
Operator : SJ/JU
Sample : I4630-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 10 05:03:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 04:16:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028236.D
Acq On : 9 Aug 2017 21:47
Operator : SJ/JU
Sample : I4630-01
Misc :
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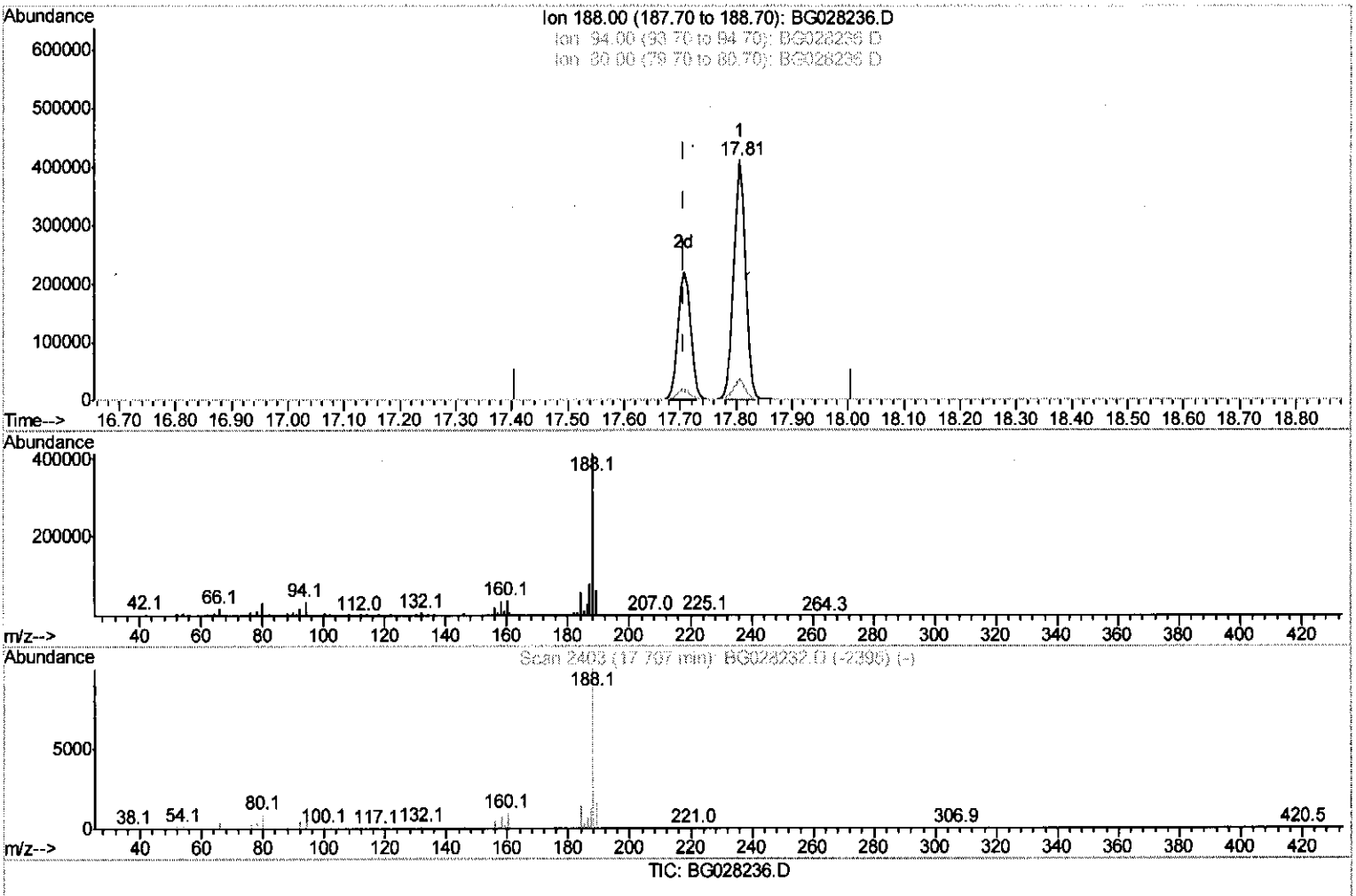
Quant Time: Aug 10 04:31:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 04:16:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM



TIC: BG028236.D

(61) Phenanthrene-d10 (I)

17.806min (+0.100) 20.00ng/ul

response 611579

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.59
80.00	9.50	7.77
0.00	0.00	0.00

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BNA_G
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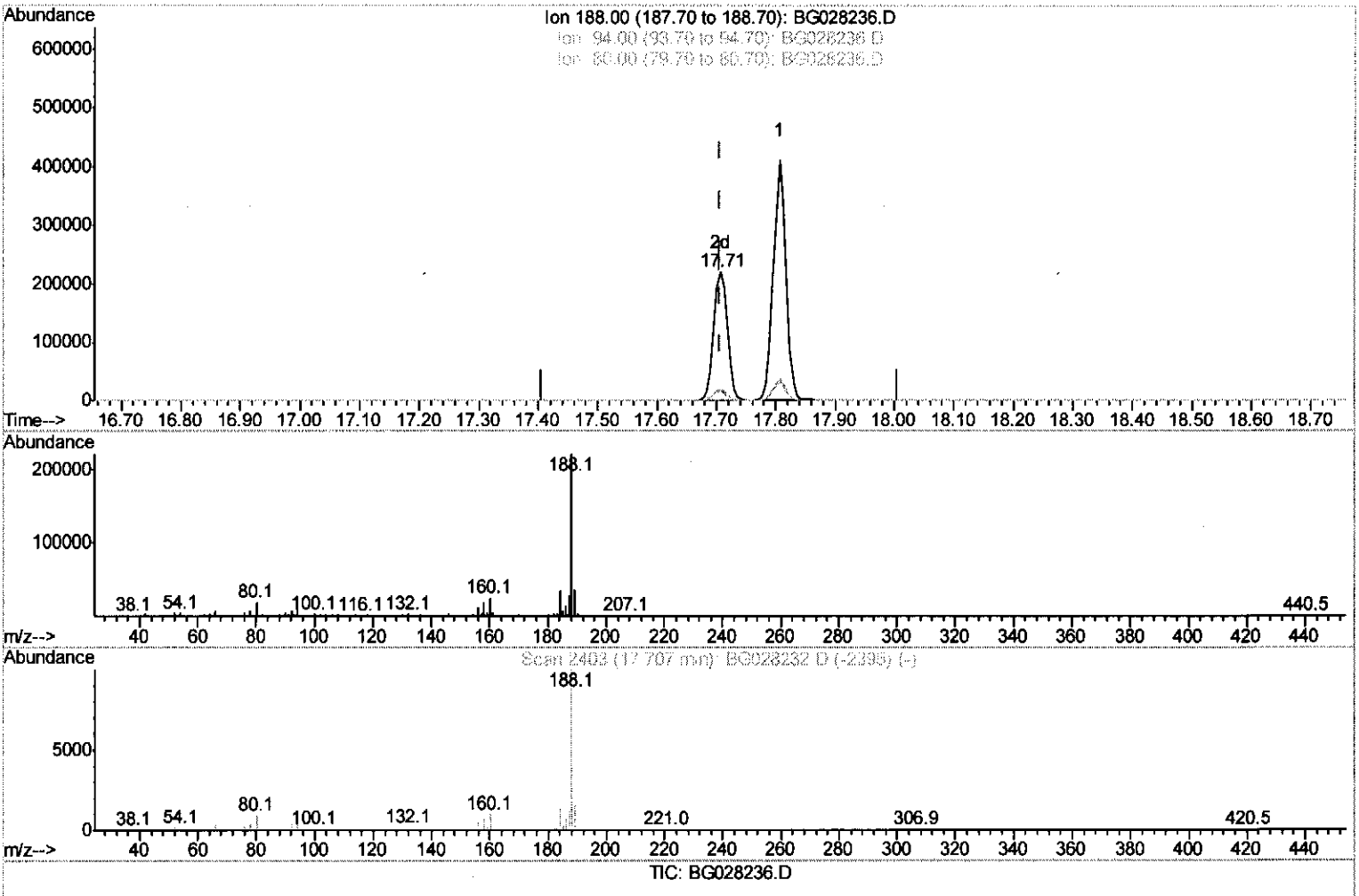
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM



TIC: BG028236.D

(61) Phenanthrene-d10 (I)

17.707min (-0.000) 20.00ng/ul m 8/4/17

response 353560

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.90#
80.00	9.50	8.46
0.00	0.00	0.00

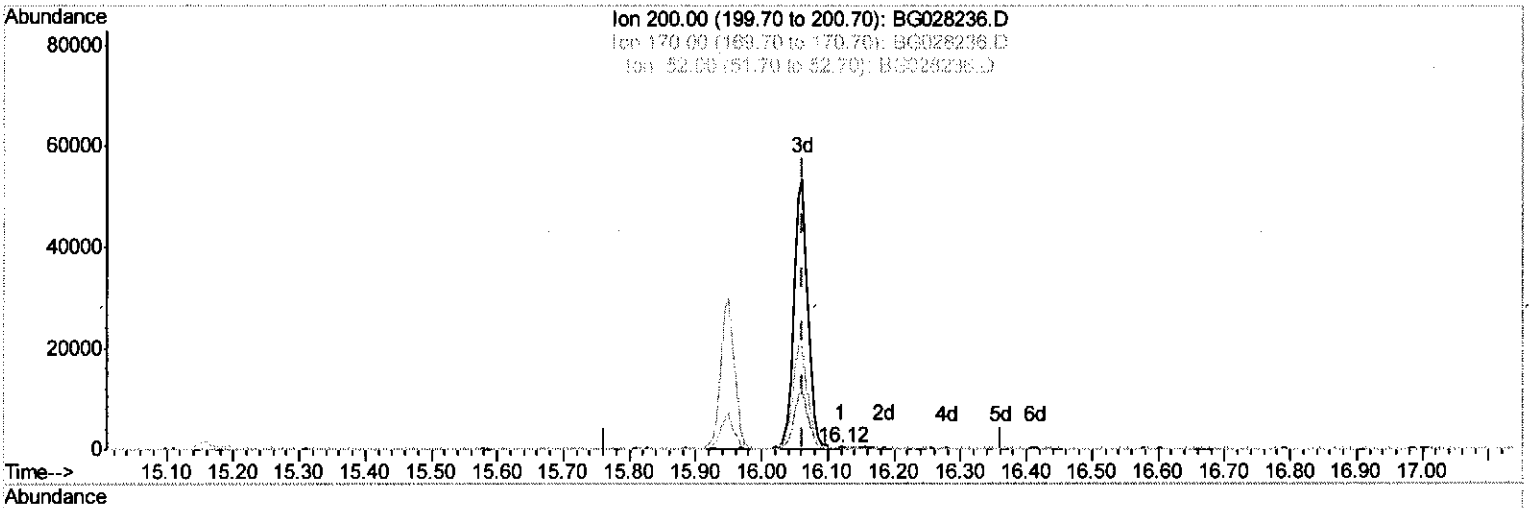
Quantitation Report (Qedit)

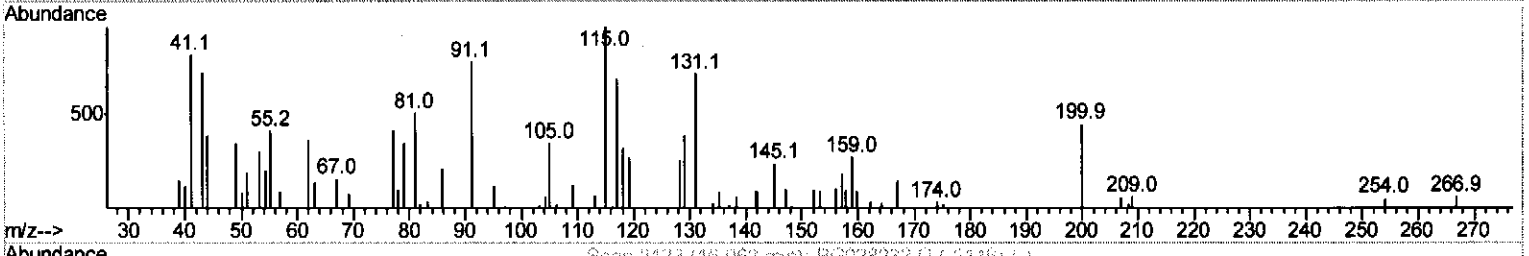
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028236.D
Acq On : 9 Aug 2017 21:47
Operator : SJ/JU
Sample : I4630-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

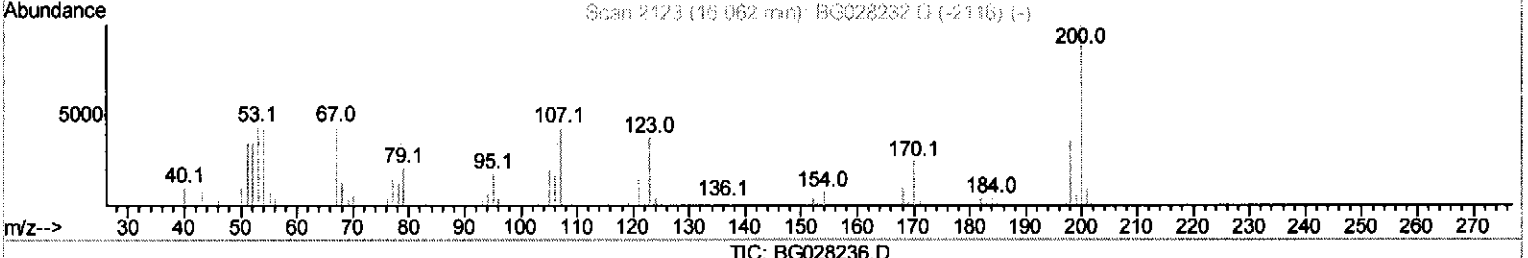
Quant Time: Aug 10 05:01:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 04:16:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM







TIC: BG028236.D

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

16.120min (+0.059) 0.11ng/ul

response 261

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
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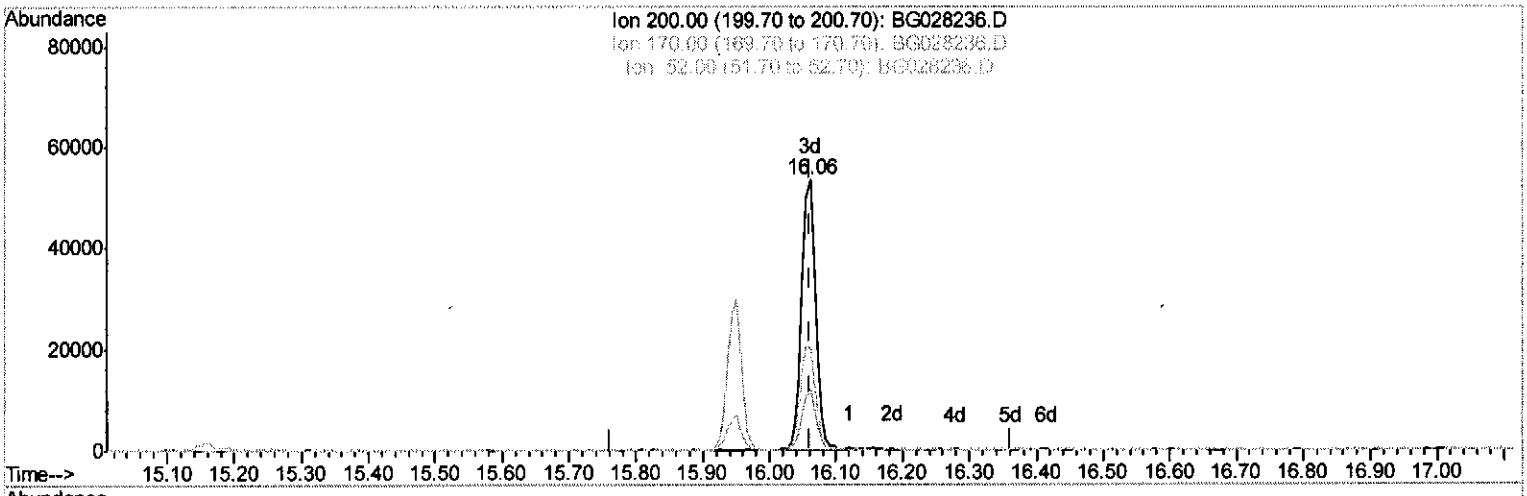
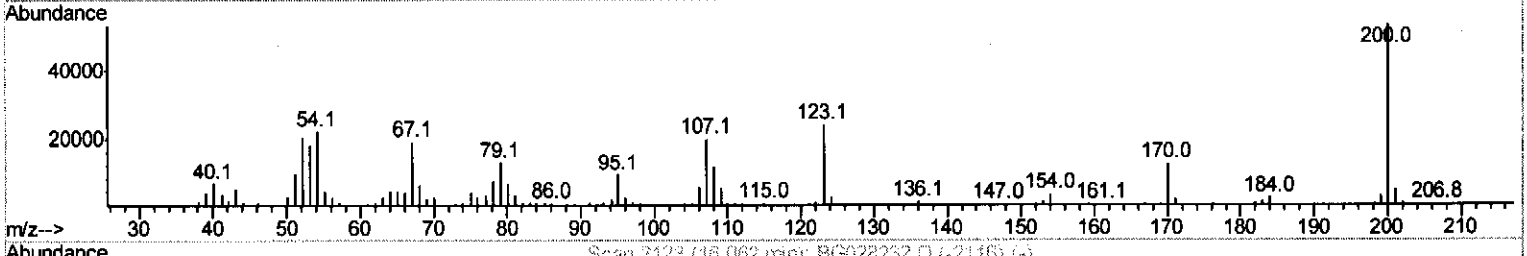
Sample : I4630-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

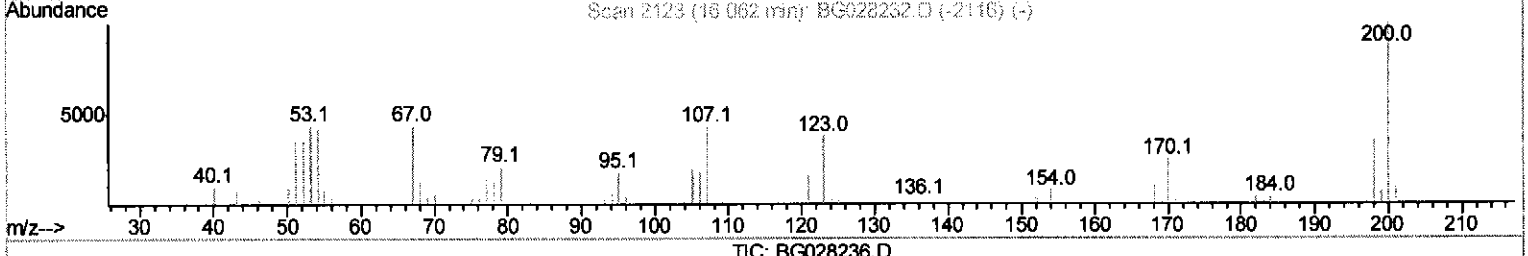
Quant Time: Aug 10 05:01:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 04:16:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM







TIC: BG028236.D

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

16.061min (-0.000) 34.30ng/ul m 8/14/17

response 78773

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	22.97
52.00	47.20	37.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
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Operator : SJ/JU
Sample : I4630-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA0

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:27 PM

Quant Time: Aug 10 05:03:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 04:16:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	37254	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	167945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	130615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	353560m>	20.00	ng/ul>	0.00>
75) Chrysene-d12	22.04	240	398236	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	364210	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	4425	5.53	ng/uL	0.00
5) Phenol-d5	7.50	99	25105	6.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	74206	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	65310	25.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	49738	14.55	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	45896	34.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	50319	34.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	95574	32.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	80	0.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	411867	35.45	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	415343	31.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	15747	8.52	ng/ul	0.02
57) Fluorene-d10	15.95	176	343237	32.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	78773m>	34.30	ng/ul>	0.00>
70) Anthracene-d10	17.81	188	611579	36.07	ng/ul	0.00
76) Pyrene-d10	20.08	212	702677	34.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	626336	36.73	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	9.18	105	11695	2.398	ng/ul	99

JLK 8/14/17

JLK 8/14/17

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