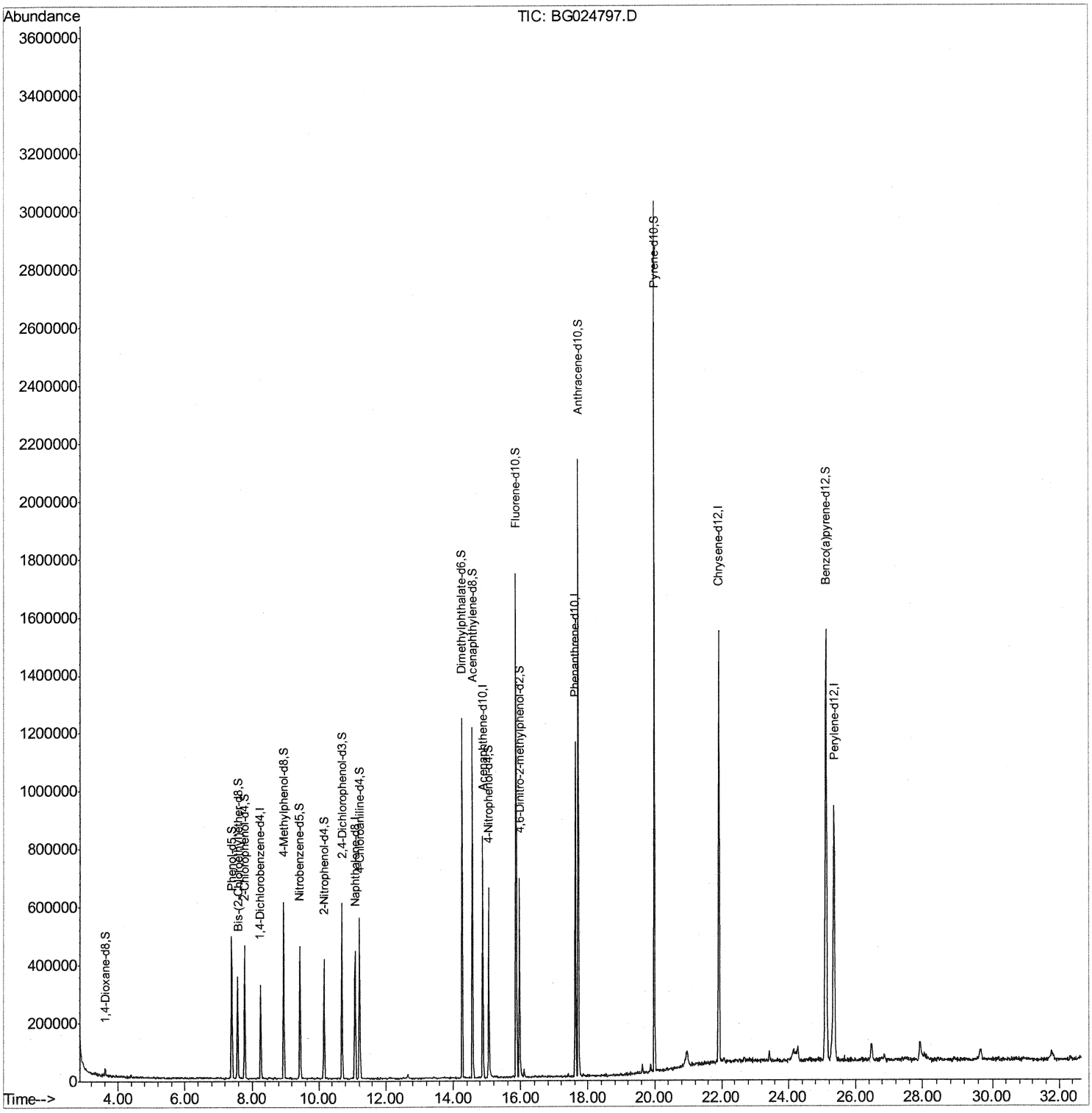
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024797.D
Acq On : 16 Nov 2016 10:36
Operator : UM/SJ
Sample : PB94741BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 17 02:24:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK41

Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM

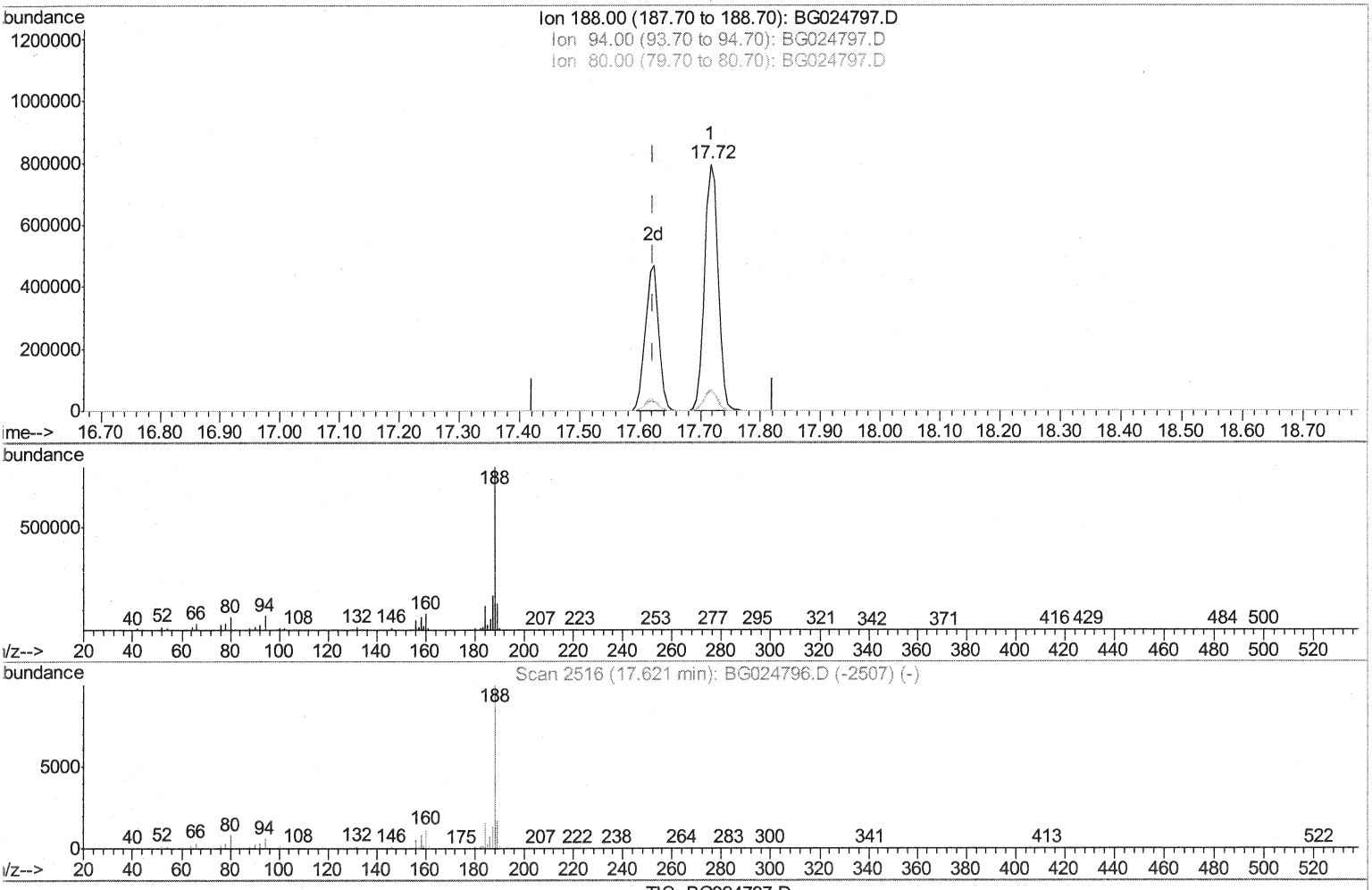


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024797.D
Acq On : 16 Nov 2016 10:36
Operator : UM/SJ
Sample : PB94741BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 17 01:28:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK41

Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM



TIC: BG024797.D

(61) Phenanthrene-d10 (I)

17.717min (+0.096) 20.00ng/ul

response 1244320

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.87
80.00	9.50	7.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
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Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
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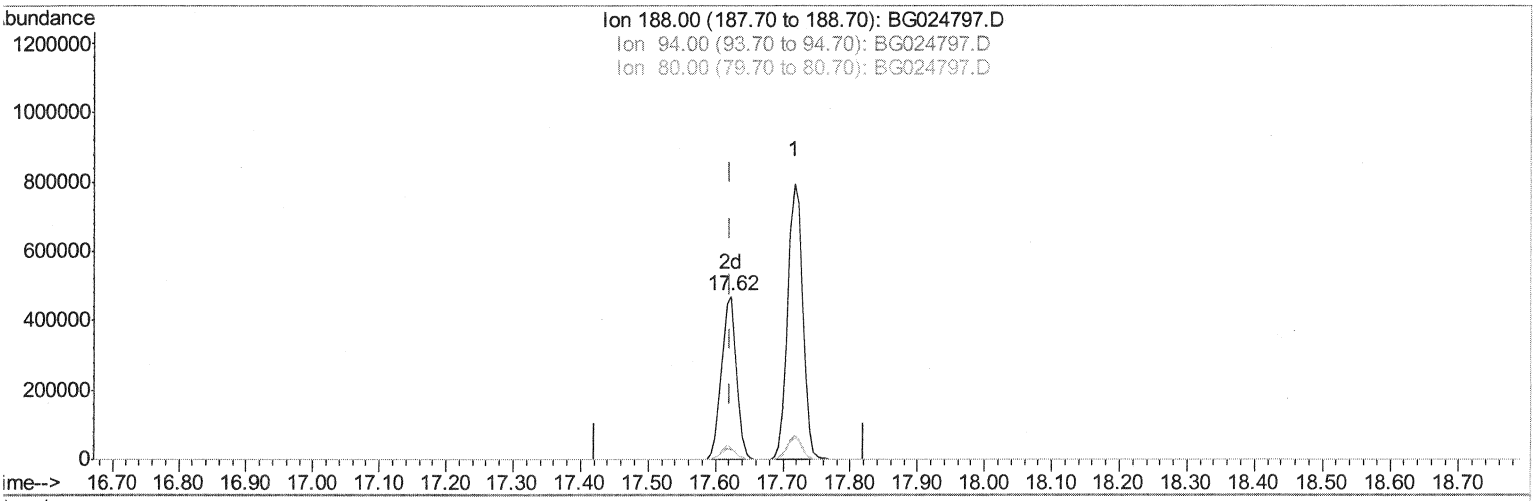
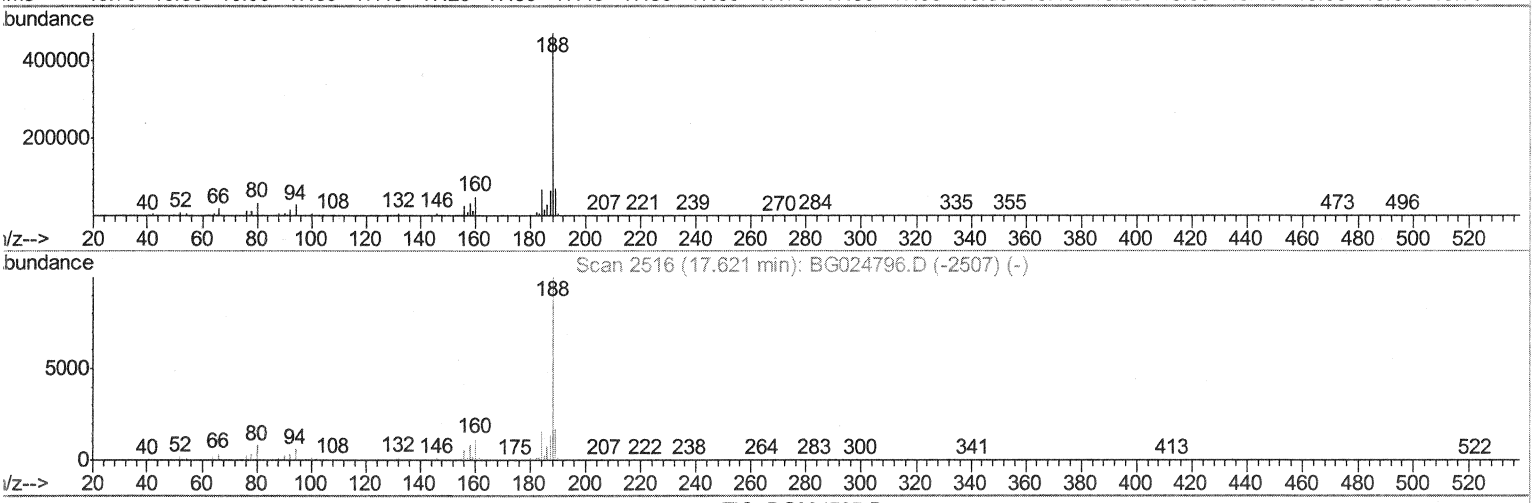
Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM





TIC: BG024797.D

(61) Phenanthrene-d10 (I)

17.623min (+0.002) 20.00ng/ul m SJ 11/18/16

response 733949

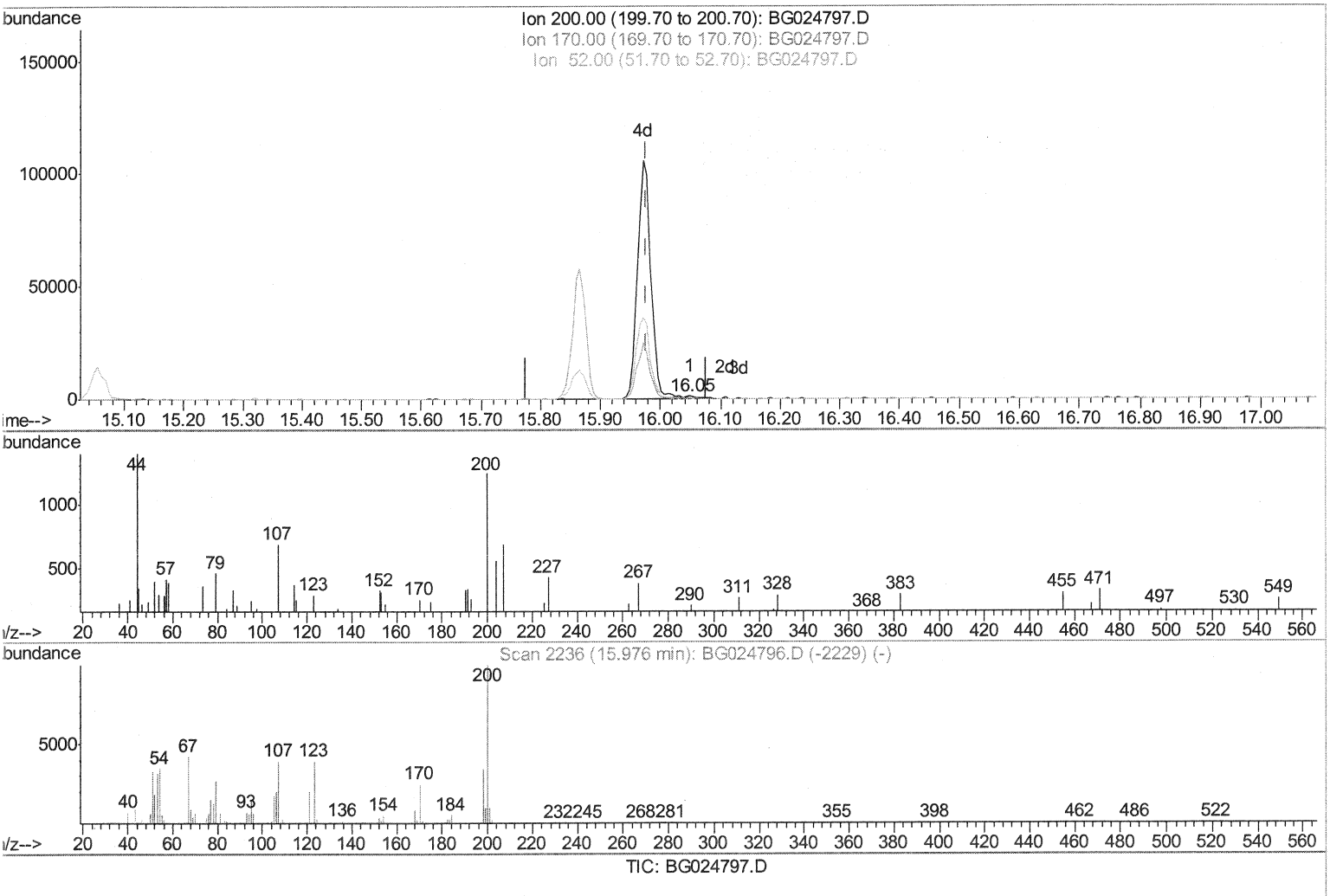
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.05#
80.00	9.50	6.93#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024797.D
Acq On : 16 Nov 2016 10:36
Operator : UM/SJ
Sample : PB94741BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 17 02:24:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SBLK41

Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM



TIC: BG024797.D

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

16.048min (+0.072) 0.40ng/ul

response 2019

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.61
52.00	47.20	32.16#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024797.D
Acq On : 16 Nov 2016 10:36
Operator : UM/SJ
Sample : PB94741BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 17 02:24:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
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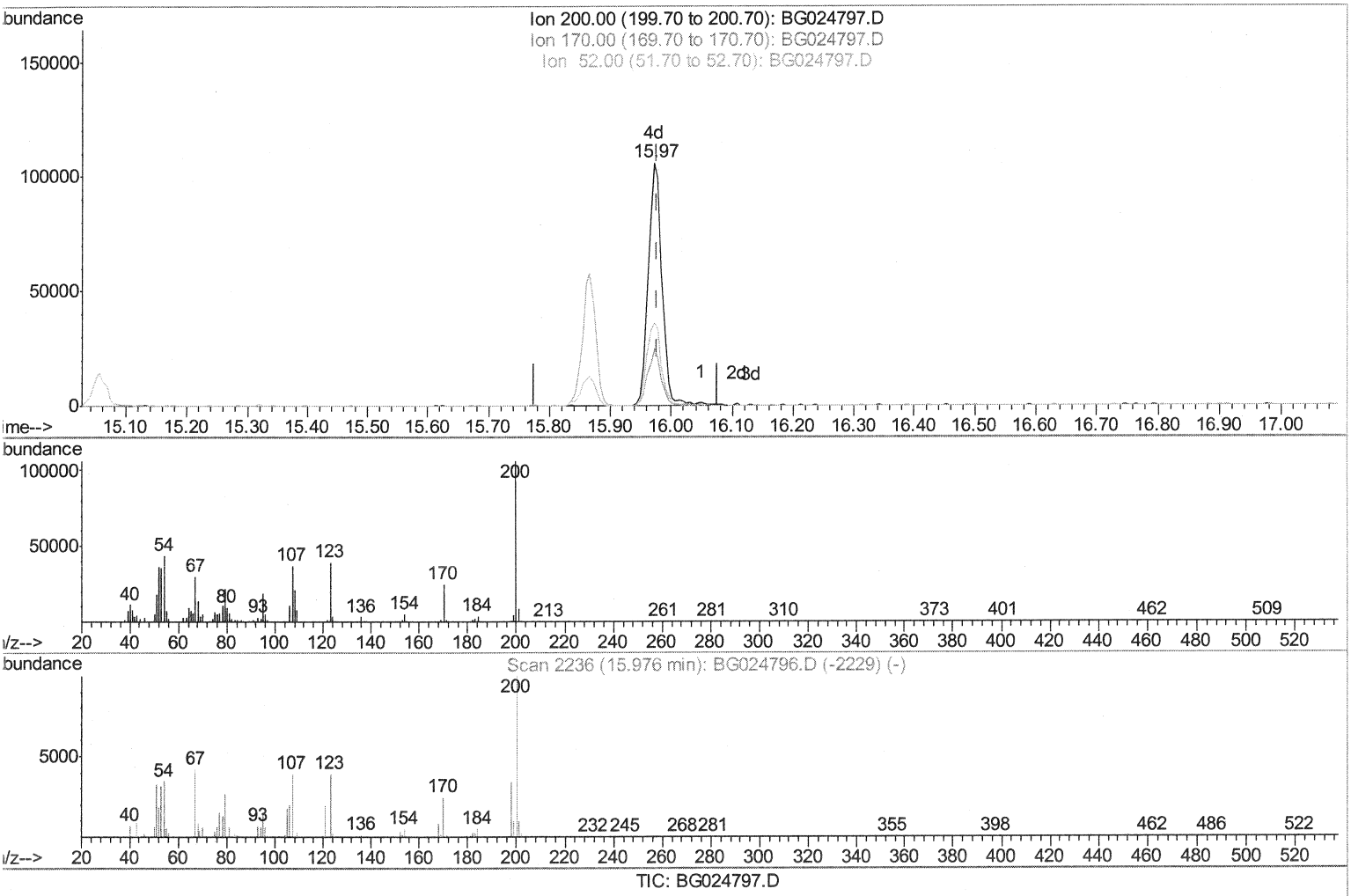
Instrument :
BNA_G
ClientSampleId :
SBLK41

Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM



TIC: BG024797.D

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

15.972min (-0.004) 32.60ng/ul m SJ 11/18/16

response 164509

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.63
52.00	47.20	34.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024797.D
Acq On : 16 Nov 2016 10:36
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Sample : PB94741BL
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Manual Integrations APPROVED
sohil
11/17/2016 5:39:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	87679	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	366196	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	298166	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	733949m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1048226	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1079811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	13275	7.85	ng/uL	0.00
5) Phenol-d5	7.39	99	272377	36.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	176863	37.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	202911	37.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	220152	34.90	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	100225	36.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	113900	34.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	215116	32.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	273560	37.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	813538	37.42	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	864492	36.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	140848	36.41	ng/ul	0.00
57) Fluorene-d10	15.87	176	736400	35.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	164509m	32.60	ng/ul	0.00
70) Anthracene-d10	17.72	188	1244638	38.39	ng/ul	0.00
76) Pyrene-d10	19.99	212	1641092	36.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1849780	39.13	ng/ul	0.00

SJ 11/18/16

SJ 11/18/16

Target Compounds	Qvalue

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