Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024426.D
Acq On : 18 Oct 2016 19:21
Operator : UM/SJ
Sample : H5293-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 19 02:24:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 02:09:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WA2

Manual Integrations APPROVED
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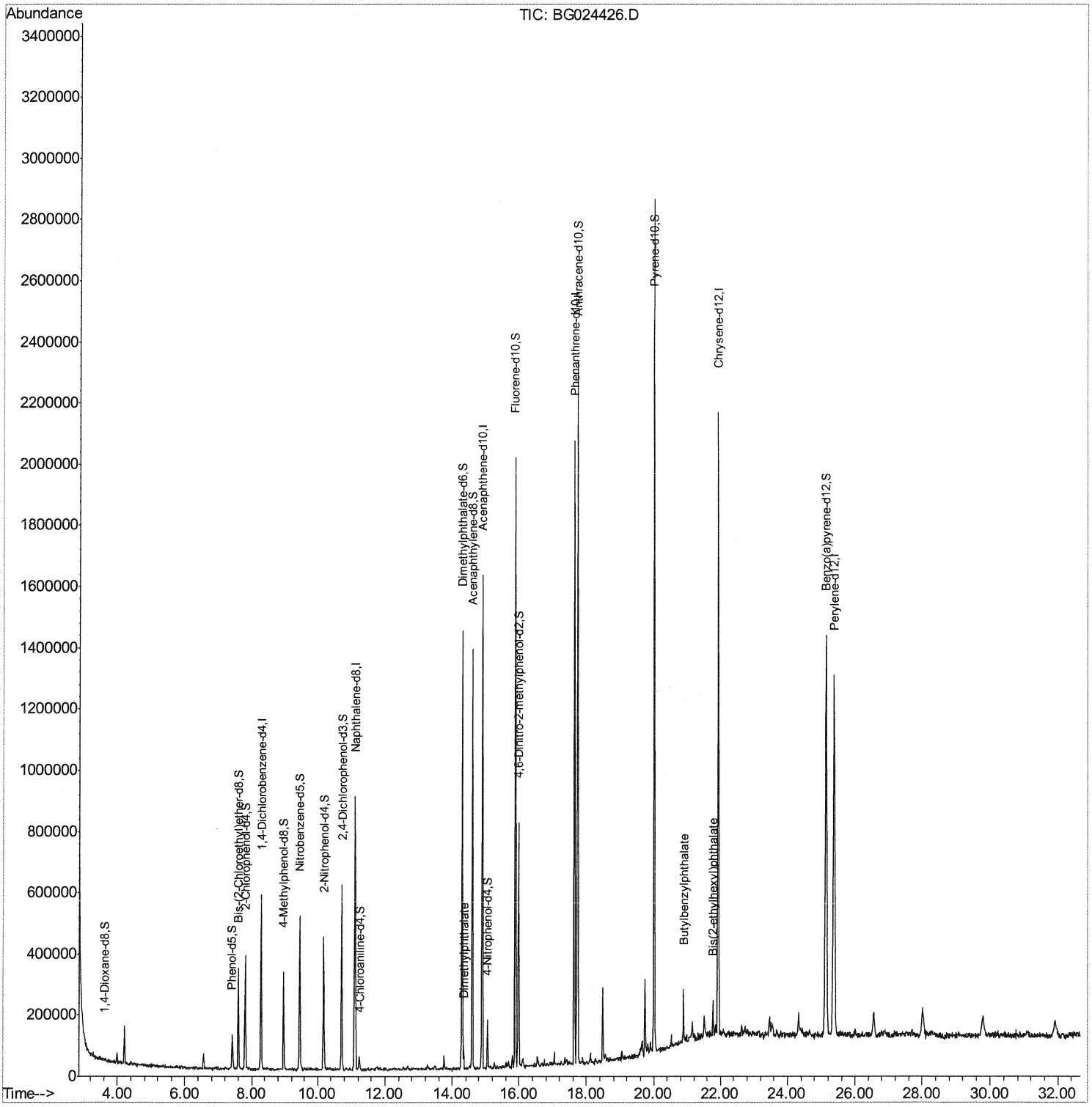

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024426.D
Acq On : 18 Oct 2016 19:21
Operator : UM/SJ
Sample : H5293-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 19 02:09:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 02:09:29 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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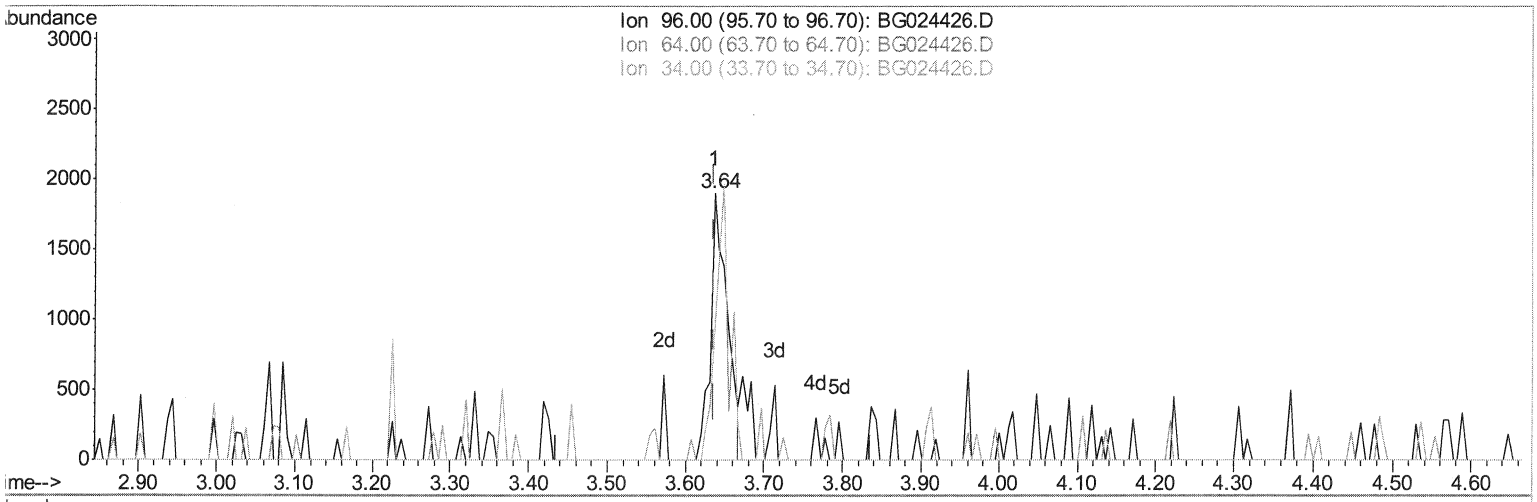

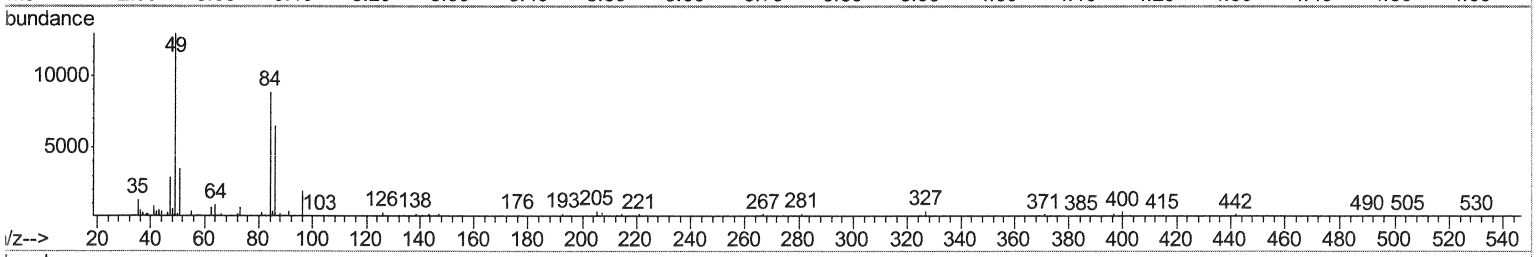

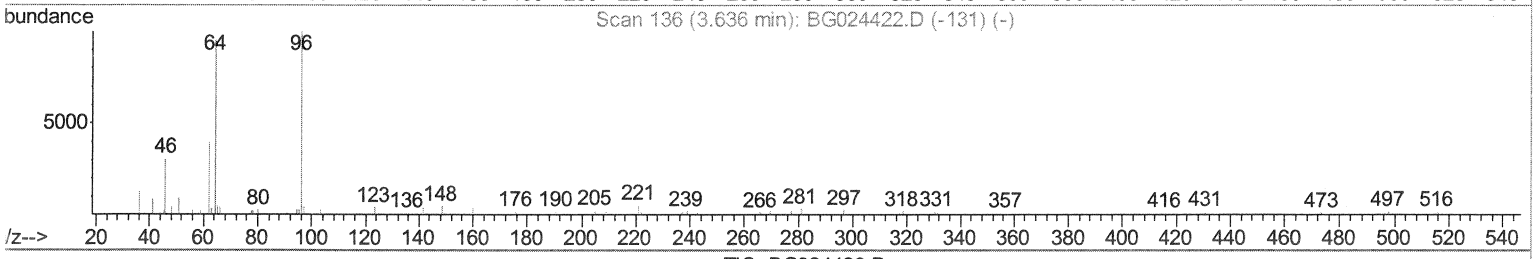

TIC: BG024426.D

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

3.637min (+0.001) 0.90ng/uL

response 2787

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	50.16#
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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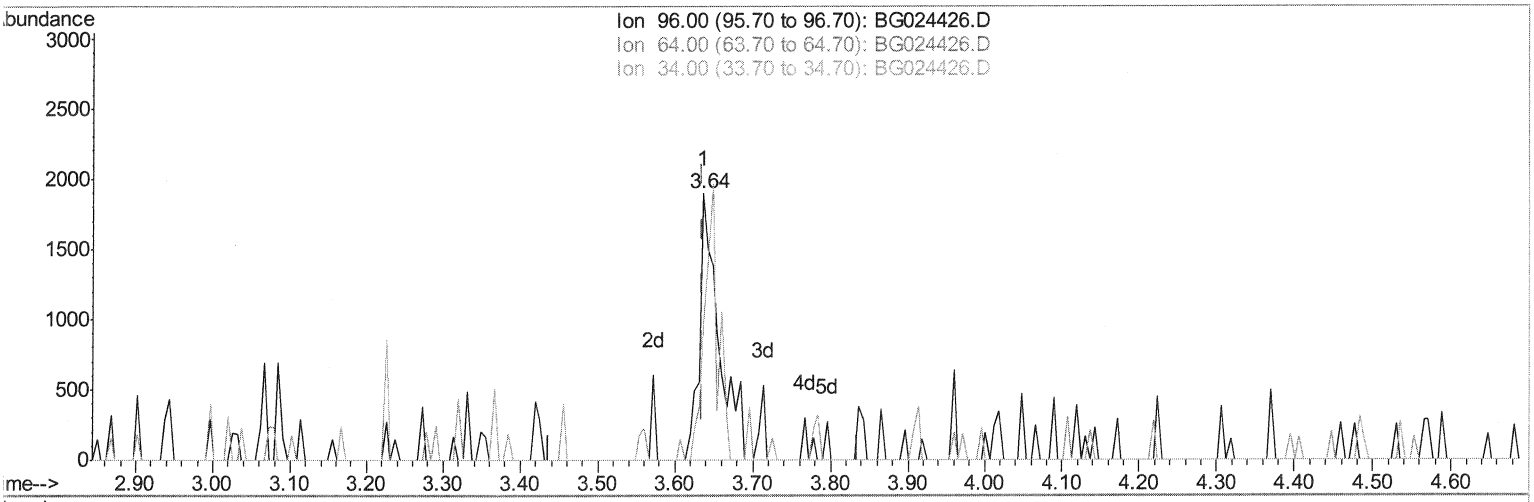

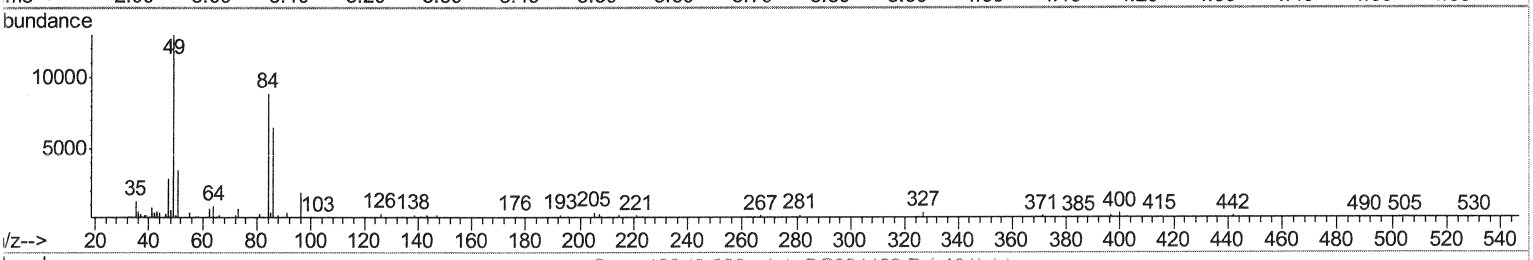

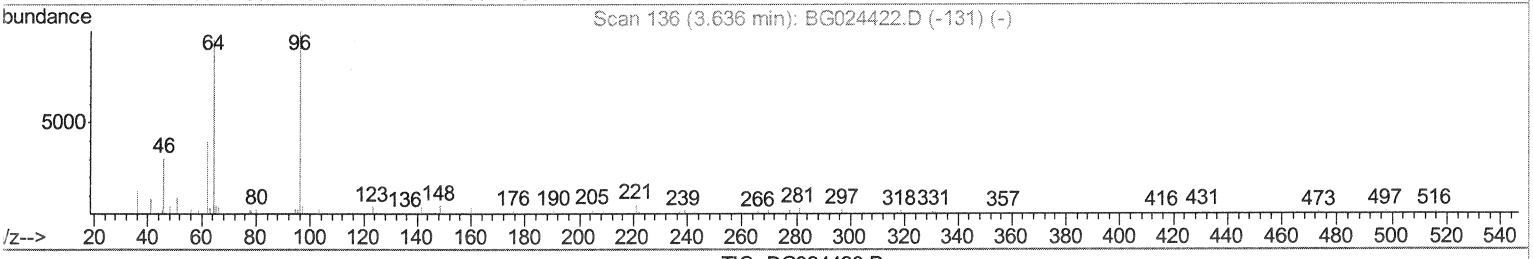

TIC: BG024426.D

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

3.637min (+0.001) 1.07ng/uL m SJ 10/19/16

response 3316

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	50.16#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024426.D
Acq On : 18 Oct 2016 19:21
Operator : UM/SJ
Sample : H5293-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 19 02:09:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 02:09:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WA2

Manual Integrations APPROVED
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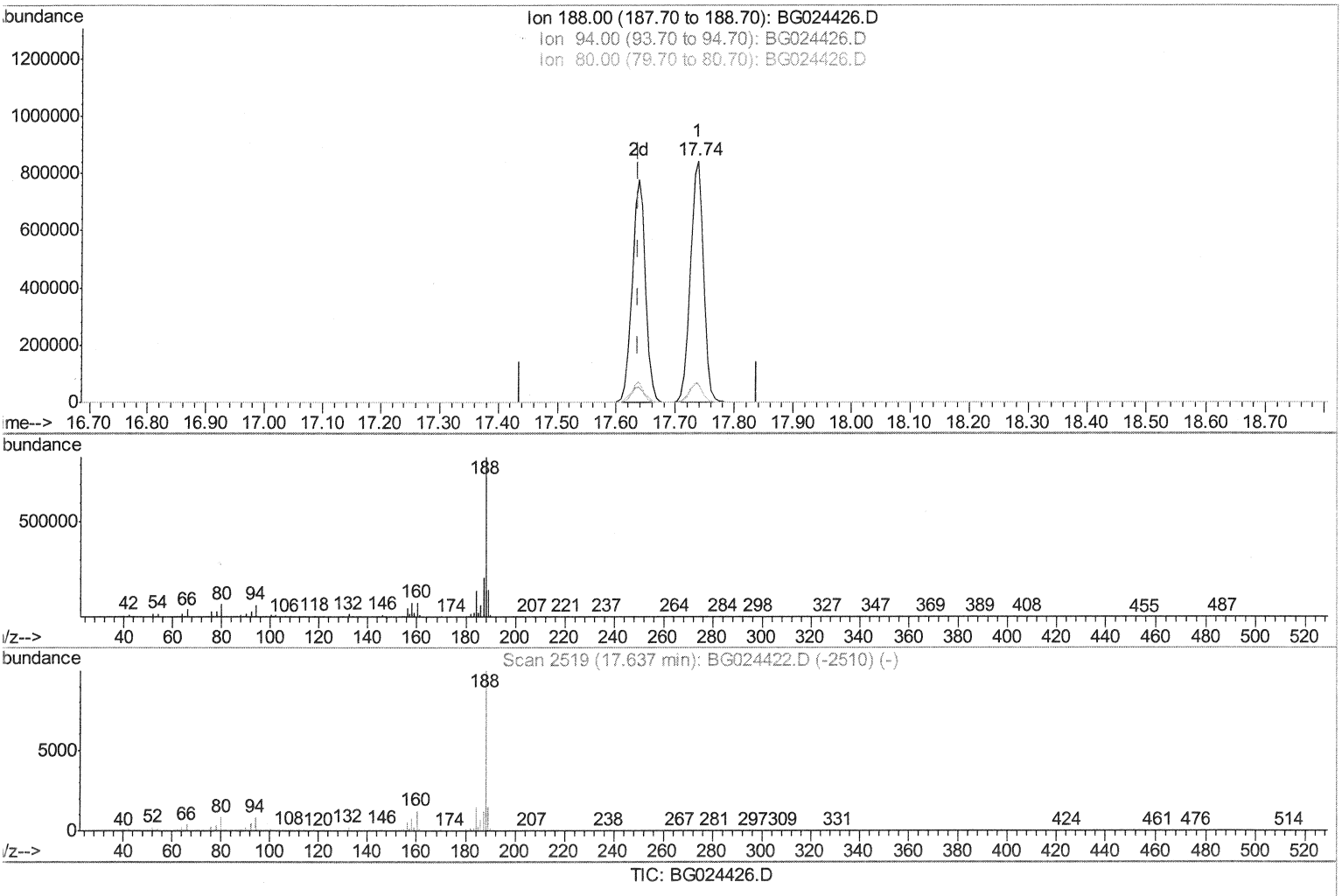

(61) Phenanthrene-d10 (I)

17.738min (+0.101) 20.00ng/ul

response 1306241

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.64
80.00	9.50	8.10
0.00	0.00	0.00

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Sample : H5293-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 19 02:09:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
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Instrument :
BNA_G
ClientSampleId :
A4WA2

Manual Integrations APPROVED
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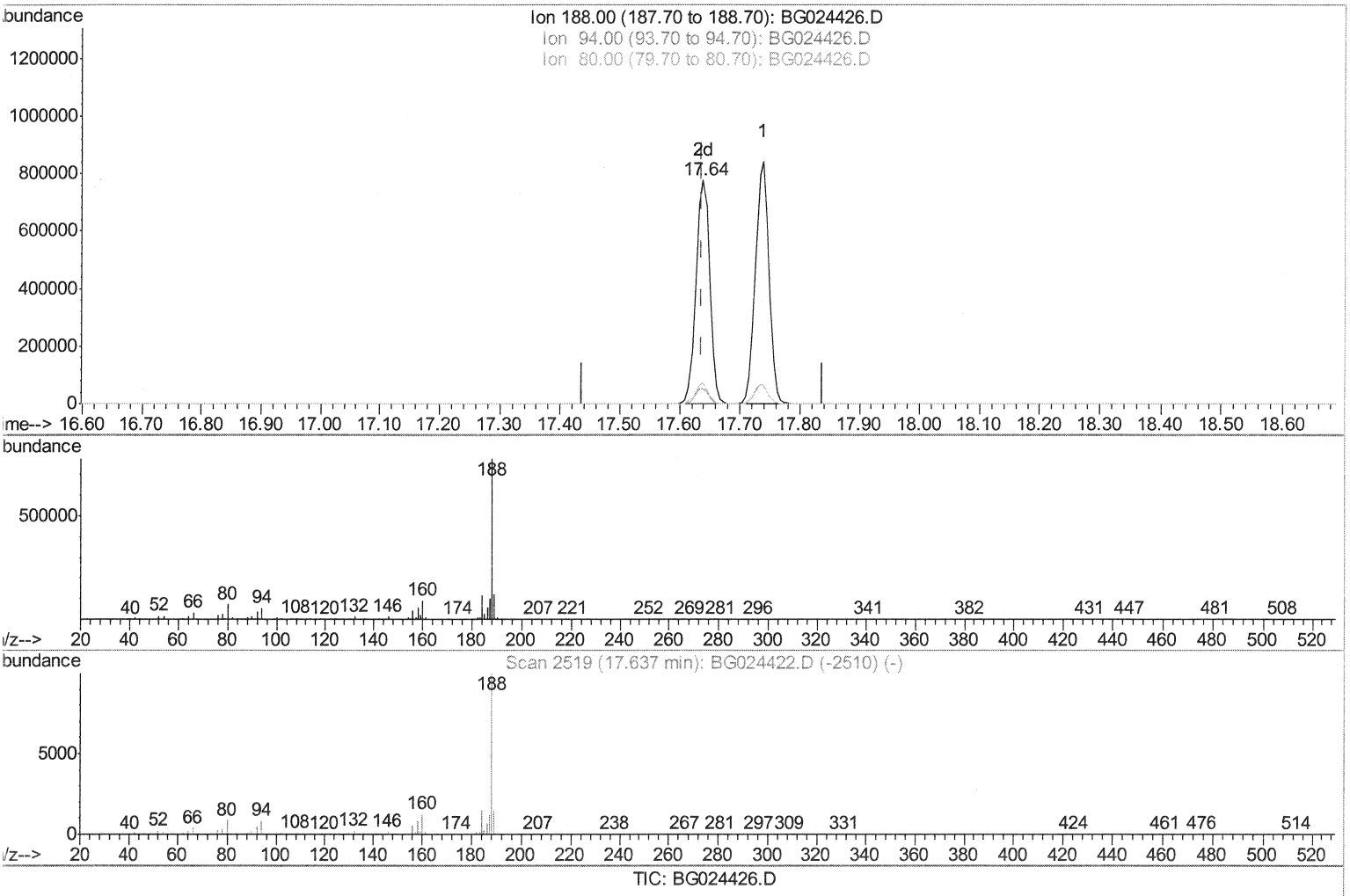

TIC: BG024426.D

(61) Phenanthrene-d10 (I)

17.638min (+0.001) 20.00ng/ul m SJ 10/19/16

response 1217134

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.98#
80.00	9.50	9.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024426.D
Acq On : 18 Oct 2016 19:21
Operator : UM/SJ
Sample : H5293-02
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Instrument : BNA_G
ClientSampleId : A4WA2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	147312	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	699620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	590874	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1217134m	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1356972	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1427642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	3316m	1.07	ng/uL	0.00
5) Phenol-d5	7.41	99	64969	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	172848	18.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	157232	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	114372	10.29	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	100350	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	118045	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	211855	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	19739	1.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	889891	21.57	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	977329	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	33401	4.57	ng/ul	0.00
57) Fluorene-d10	15.88	176	833487	21.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	181360	24.79	ng/ul	0.00
70) Anthracene-d10	17.74	188	1306522	23.76	ng/ul	0.00
76) Pyrene-d10	20.01	212	1524495	24.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1563737	24.35	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.34	163	44672	1.10	ng/ul#	94
78) Butylbenzylphthalate	20.90	149	51360	1.76	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.78	149	45581	1.11	ng/ul	91

SJ 10/19/16

SJ 10/19/16

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