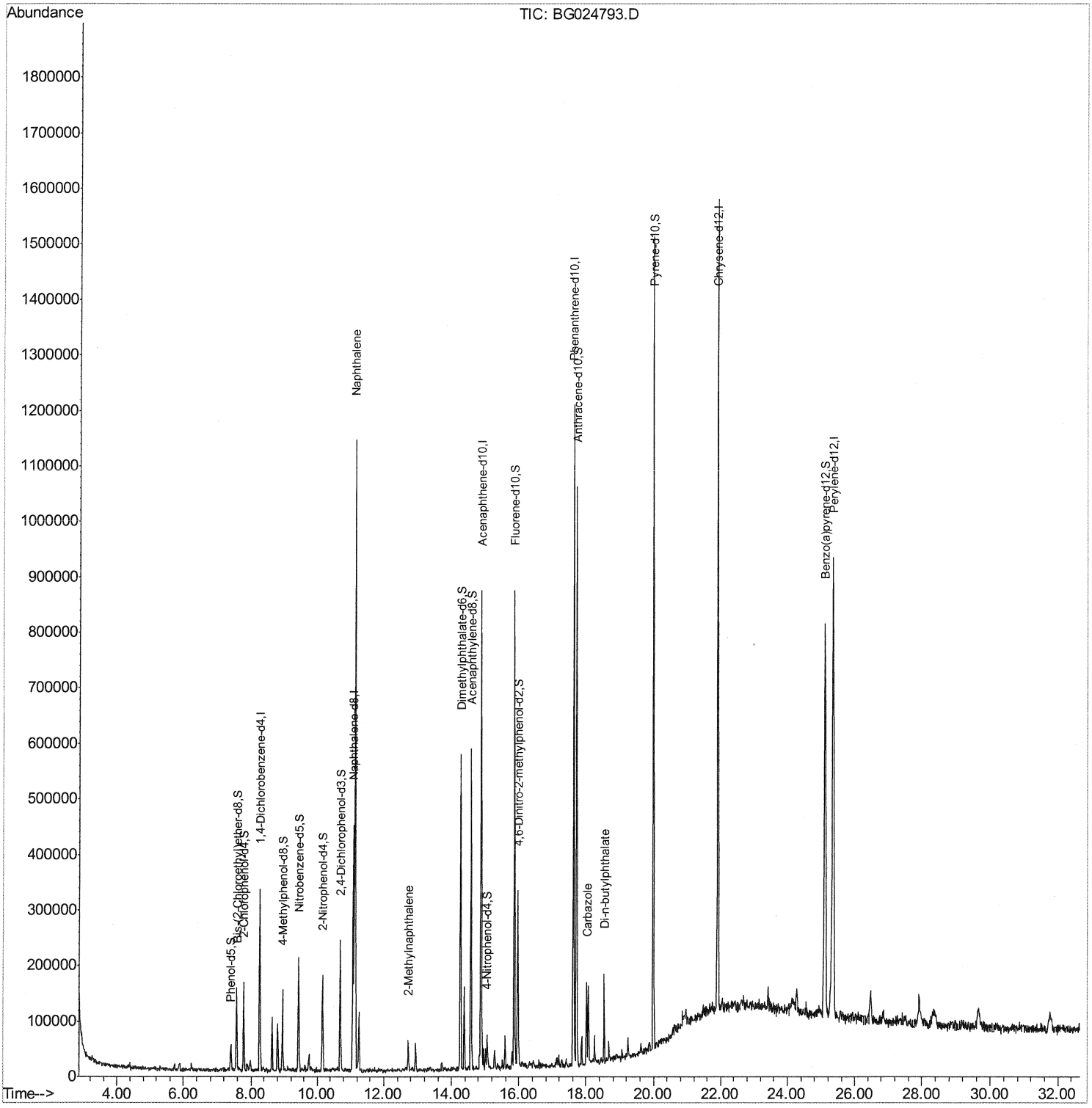
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:14:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM

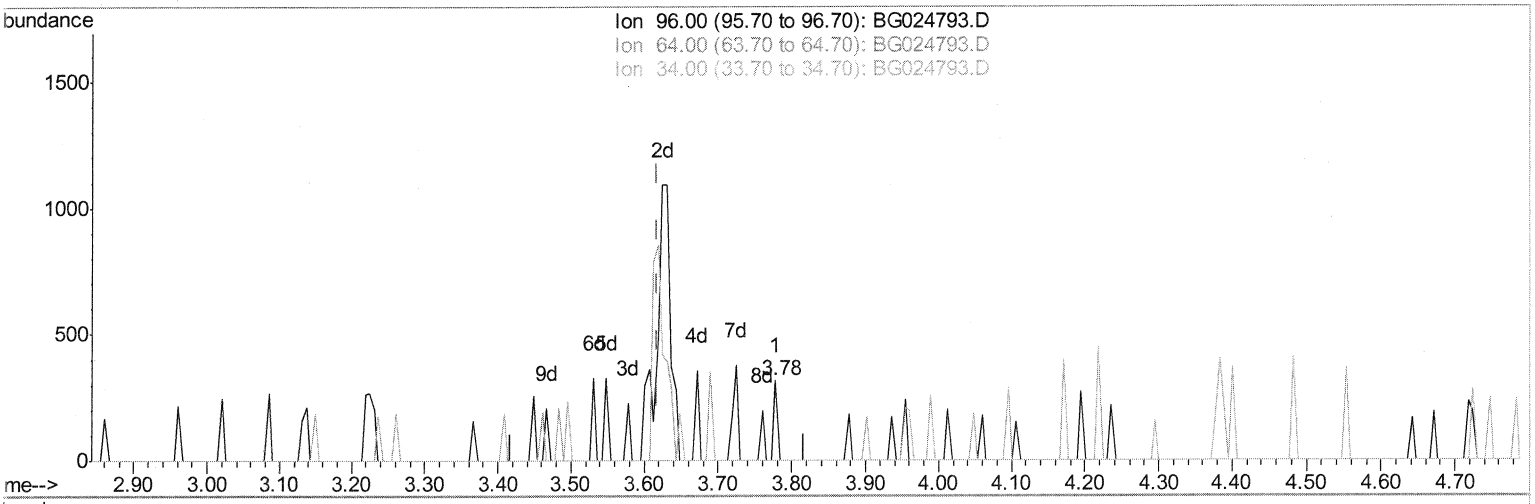


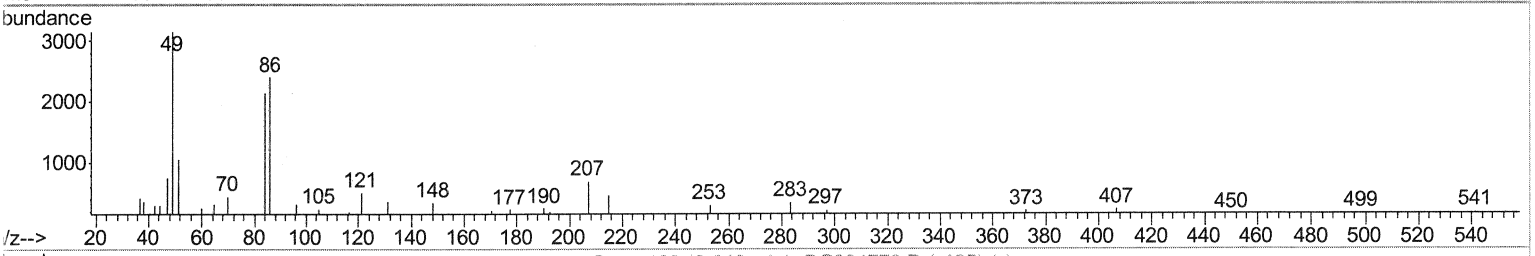
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

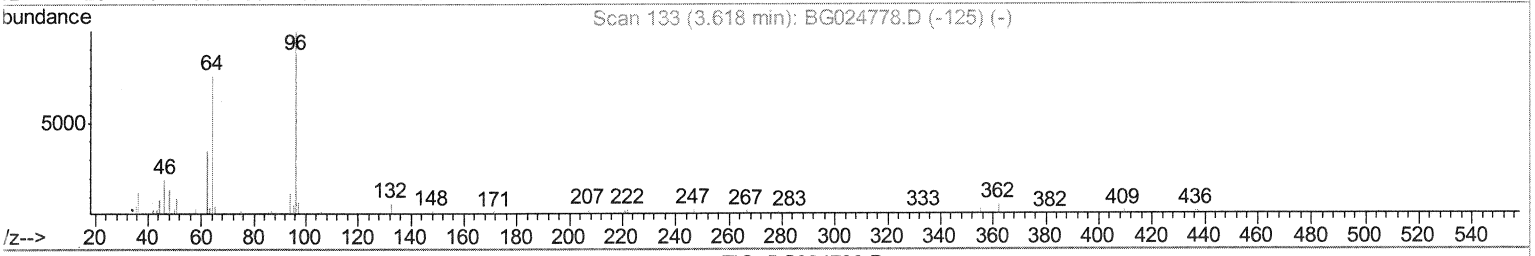
Quant Time: Nov 15 18:11:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM







TIC: BG024793.D

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

3.778min (+0.159) 0.07ng/uL

response 112

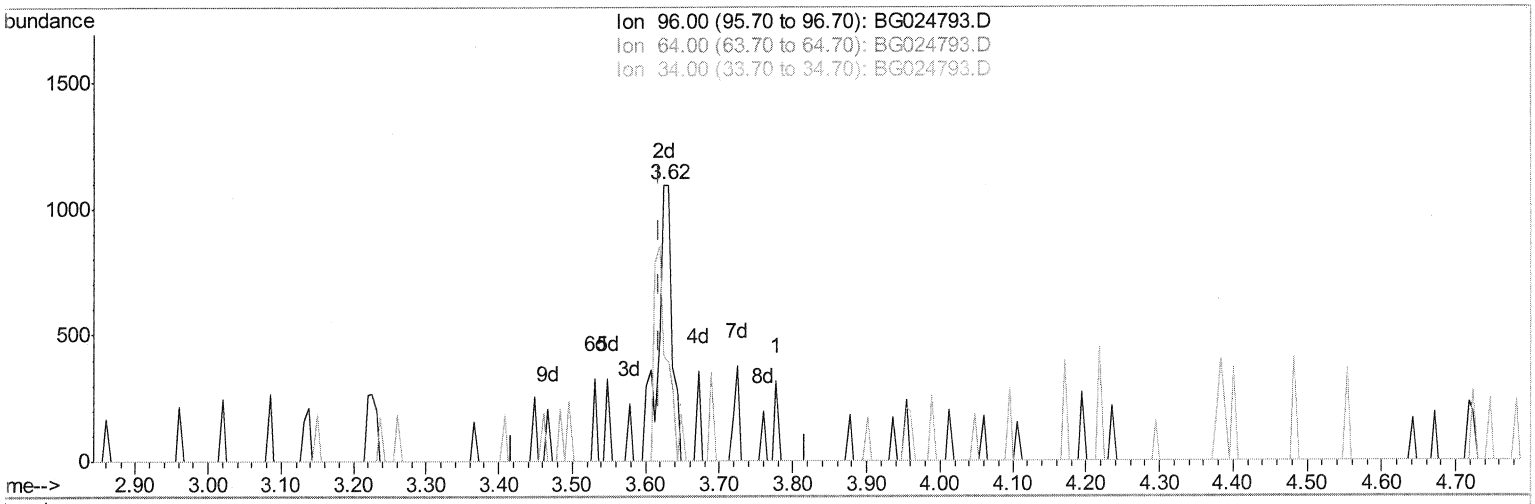
Ion	Exp%	Act%
96.00	100	100
64.00	88.90	98.11
34.00	0.00	0.00
0.00	0.00	0.00

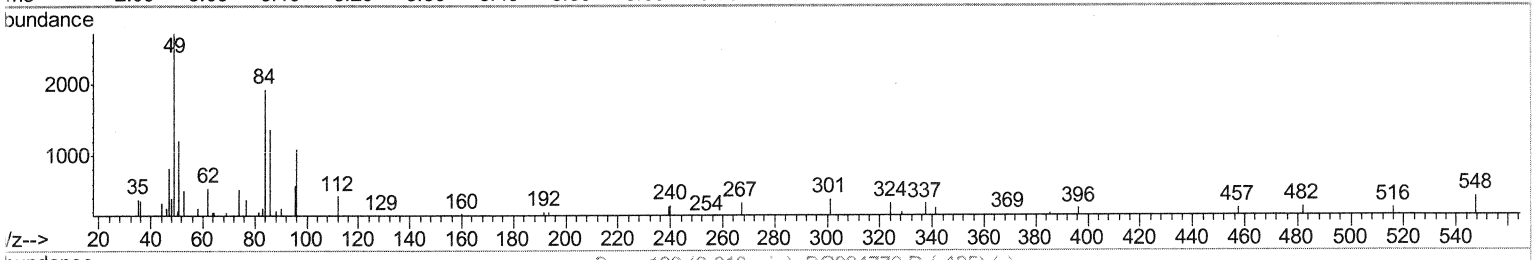
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

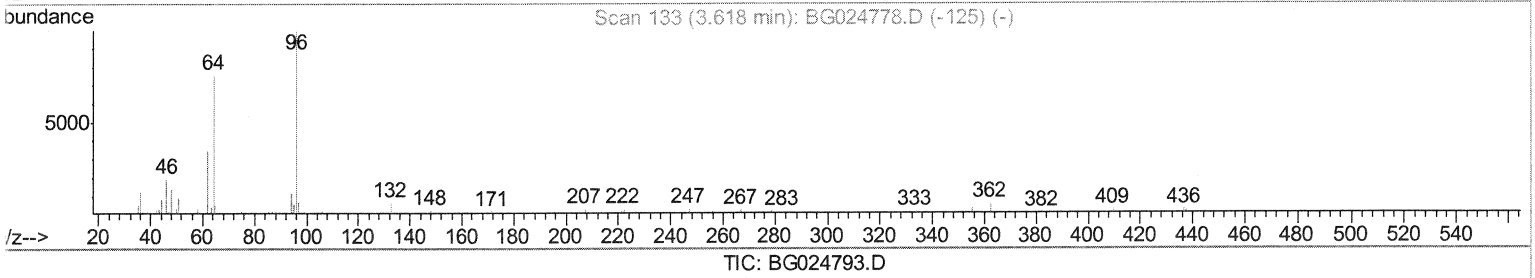
Quant Time: Nov 15 18:11:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM







TIC: BG024793.D

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

3.625min (+0.007) 0.85ng/uL m

response 1459

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	19.12#
34.00	0.00	0.00
0.00	0.00	0.00

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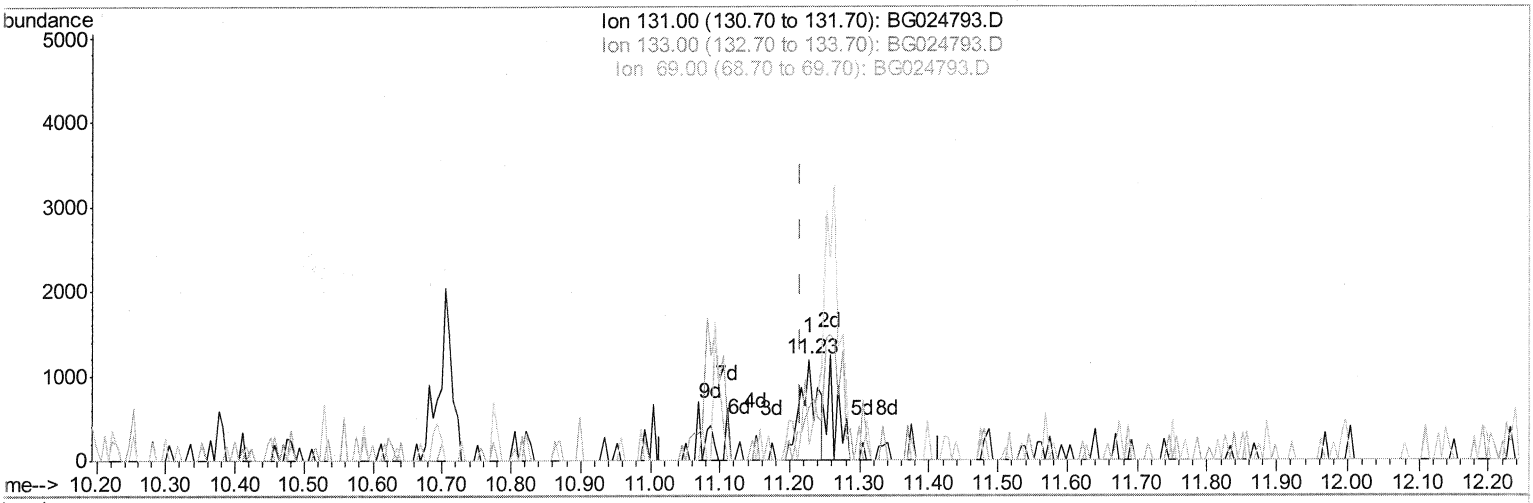
11/16/16

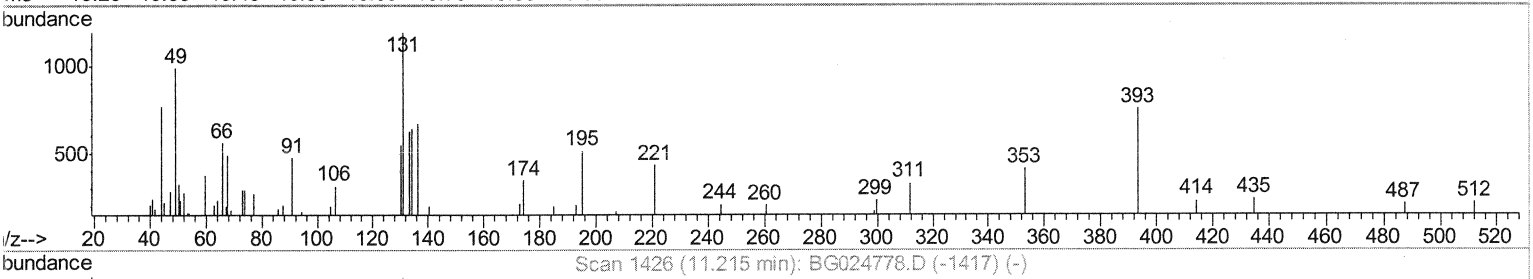
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

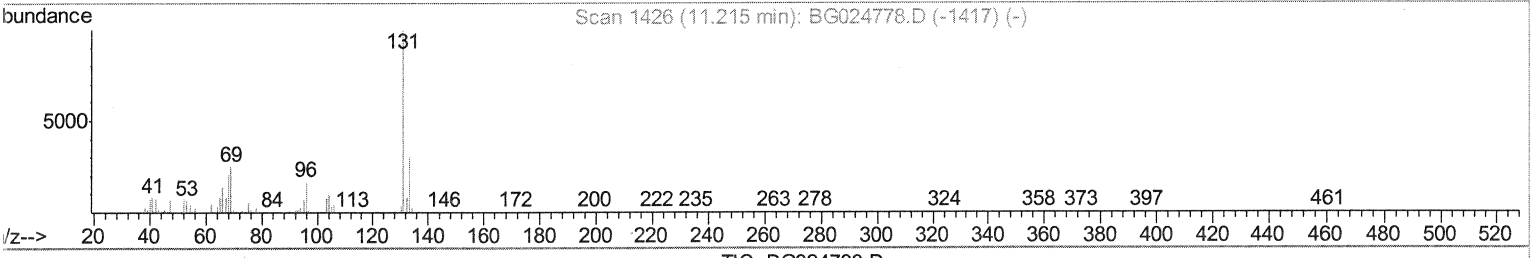
Quant Time: Nov 15 18:11:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM







TIC: BG024793.D

(29) 4-Chloroaniline-d4 (S)

11.228min (+0.012) 0.27ng/ul

response 2013

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	52.90#
69.00	23.80	15.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:11:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
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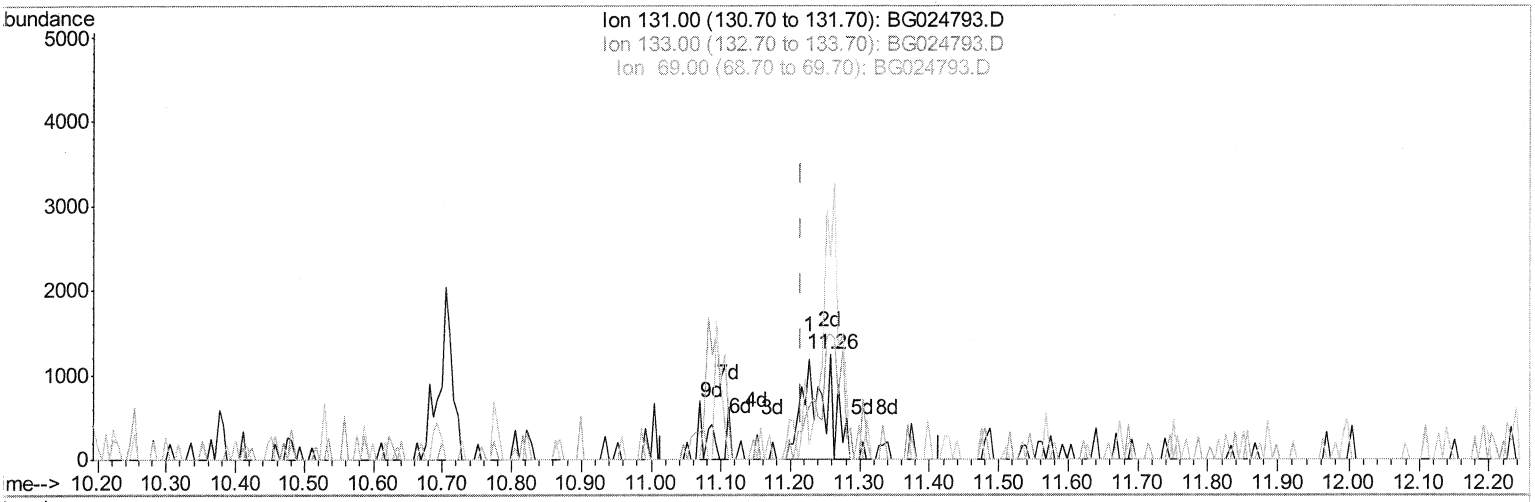

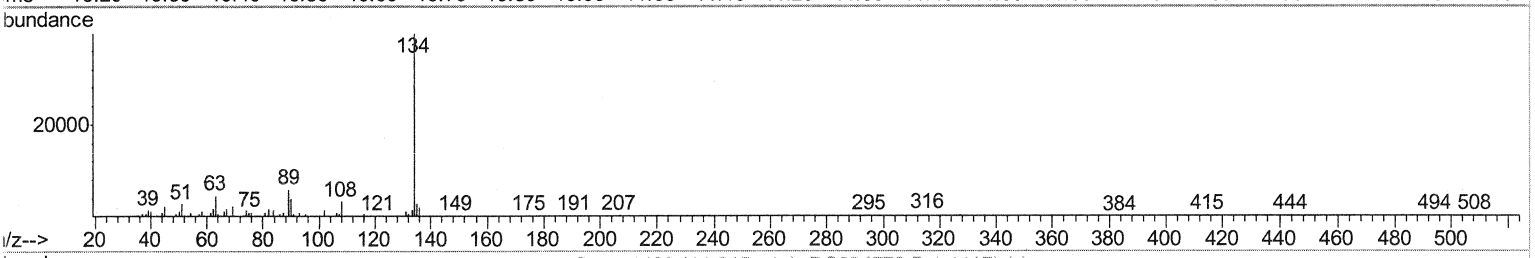

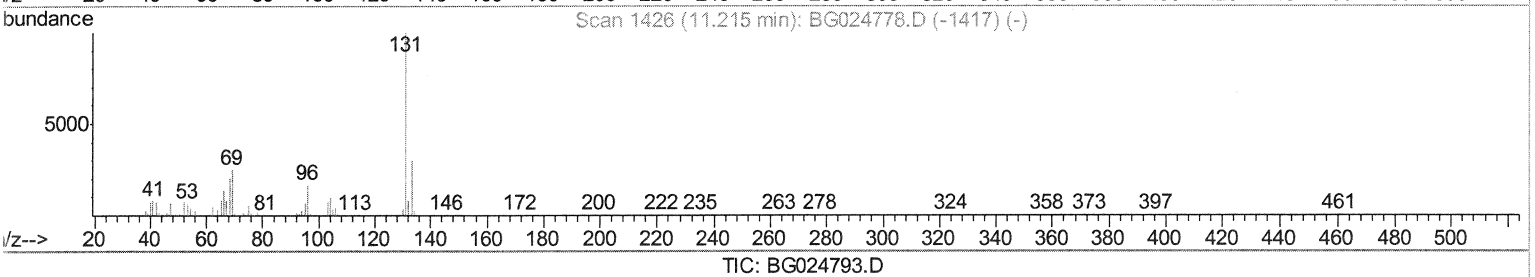

TIC: BG024793.D

(29) 4-Chloroaniline-d4 (S)

11.257min (+0.042) 0.35ng/ul m

response 2555

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	119.24#
69.00	23.80	192.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:13:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
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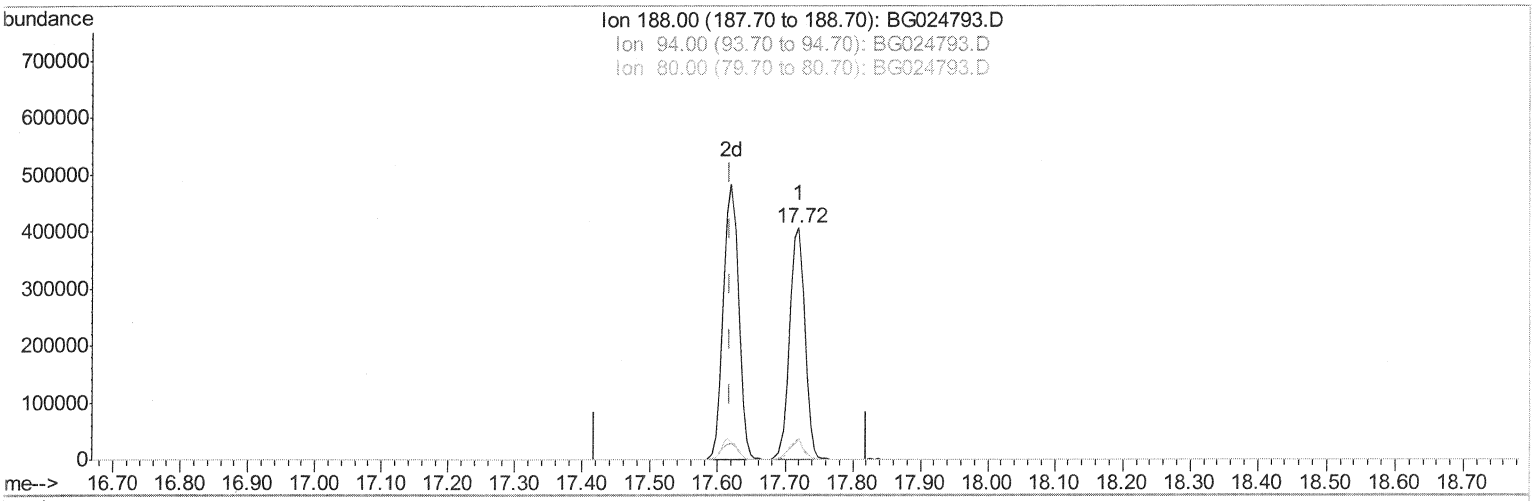
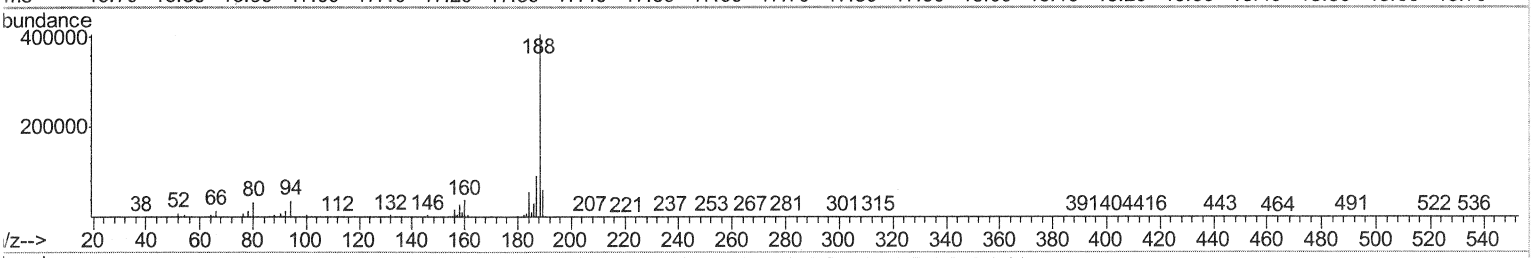
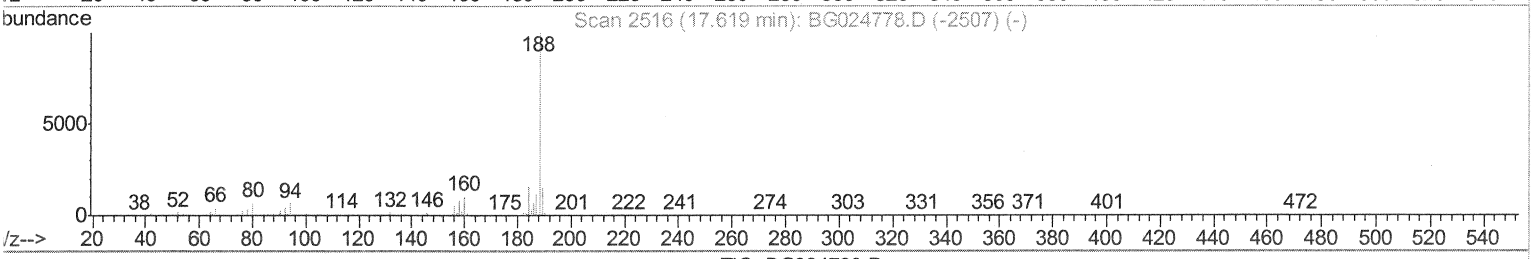






TIC: BG024793.D

(61) Phenanthrene-d10 (I)

17.720min (+0.101) 20.00ng/ul

response 635510

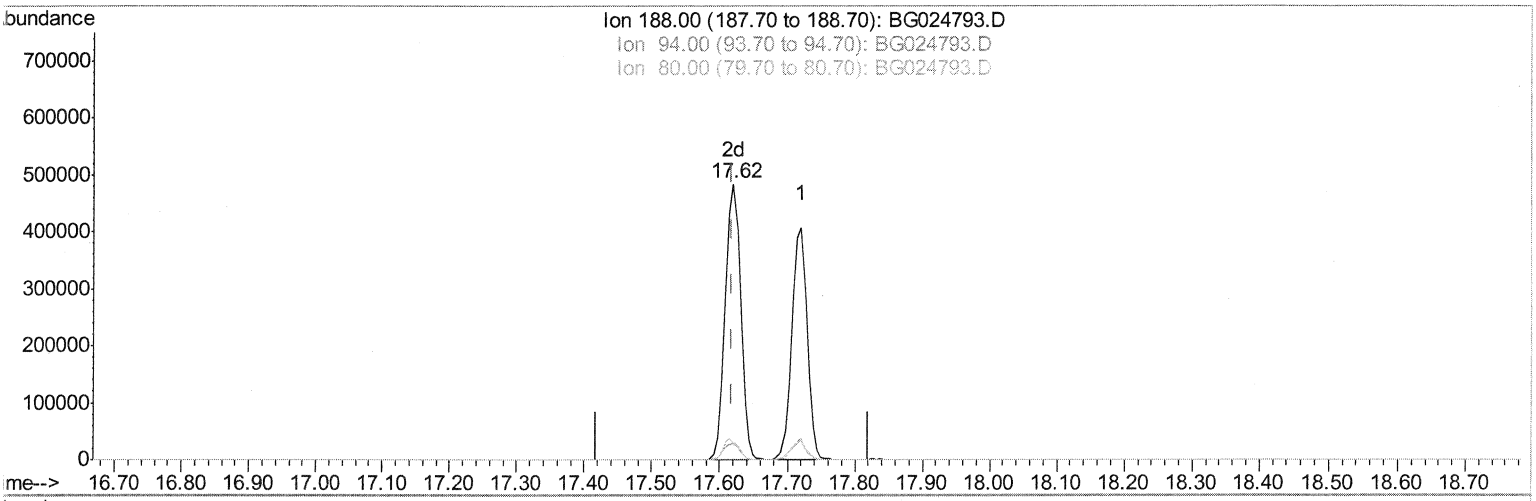
Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.05
80.00	9.50	8.34
0.00	0.00	0.00

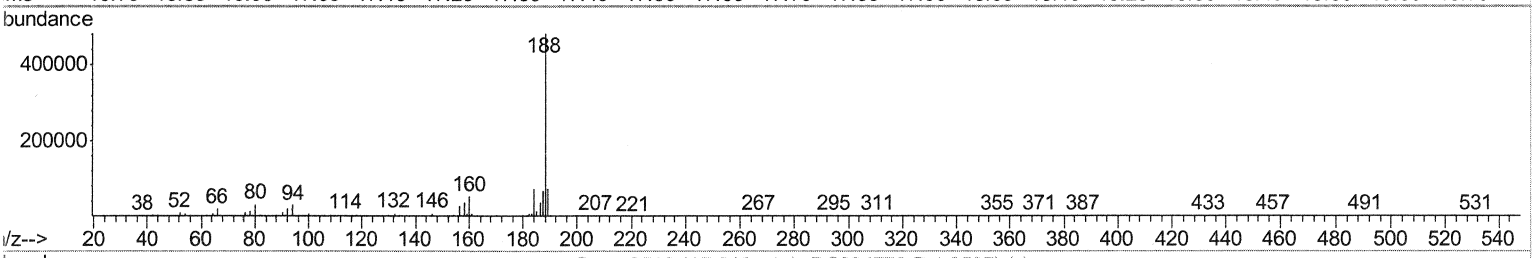
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

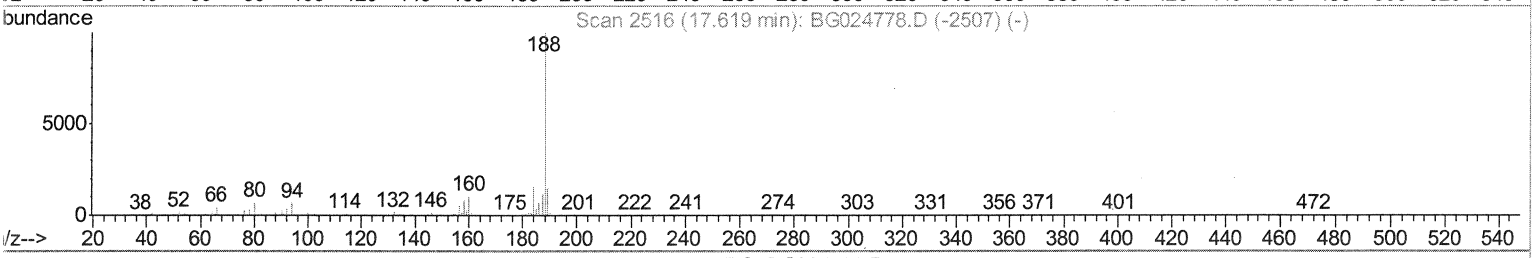
Quant Time: Nov 15 18:13:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM







TIC: BG024793.D

(61) Phenanthrene-d10 (I)

17.620min (+0.001) 20.00ng/ul m

response 763404

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.09#
80.00	9.50	6.43#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:14:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
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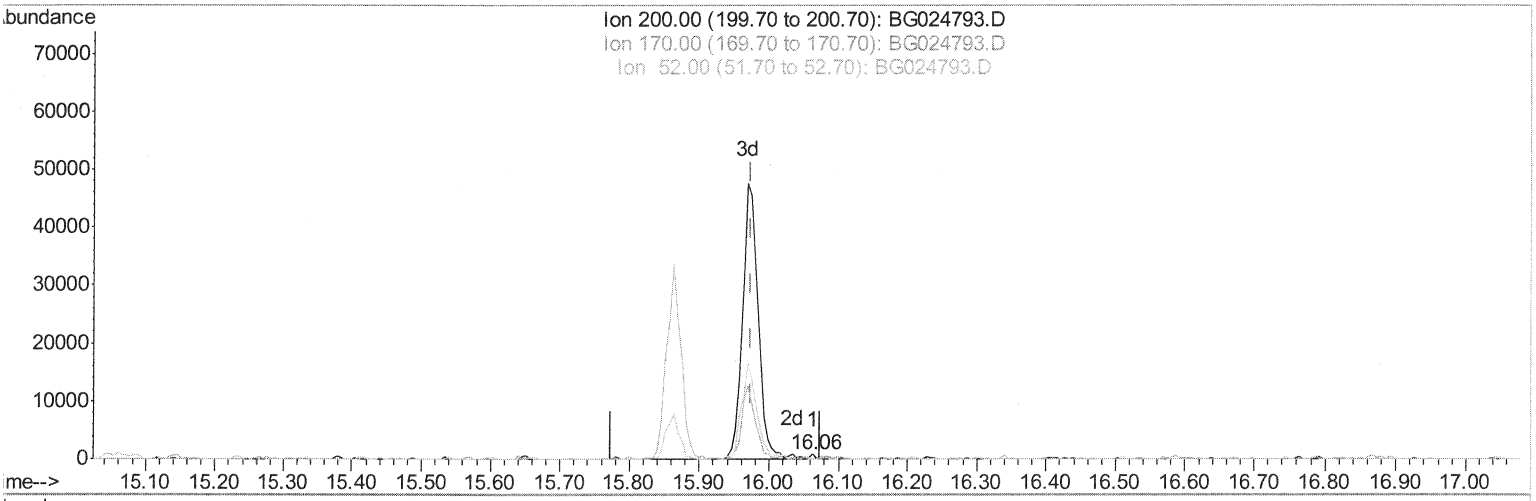
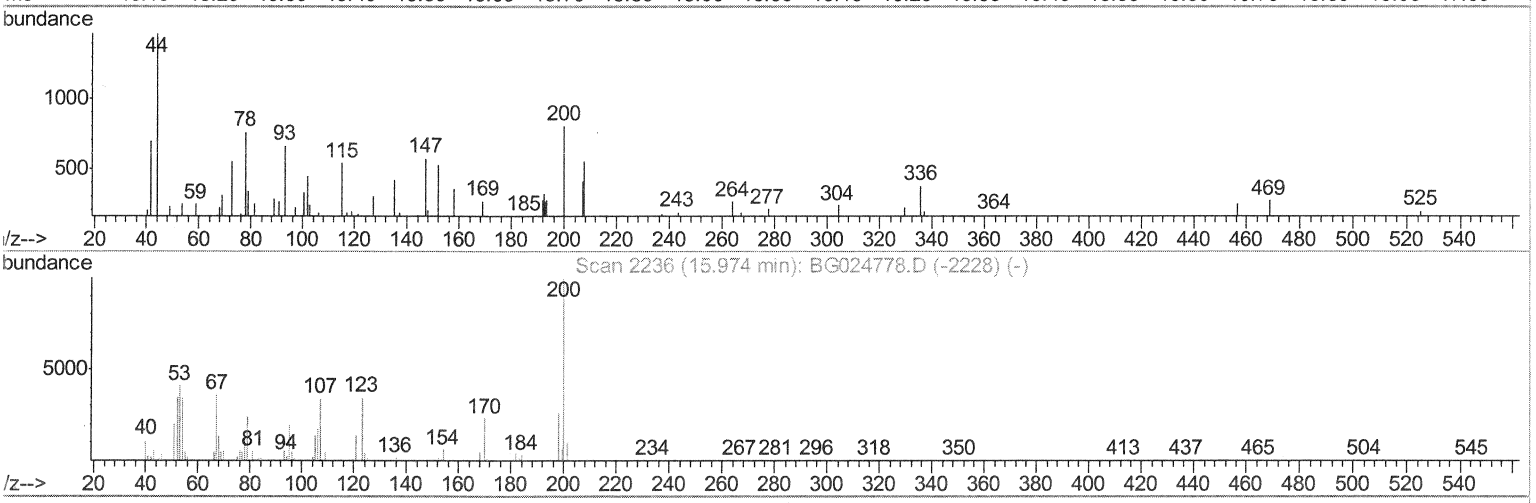




TIC: BG024793.D

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

16.063min (+0.089) 0.07ng/ul

response 388

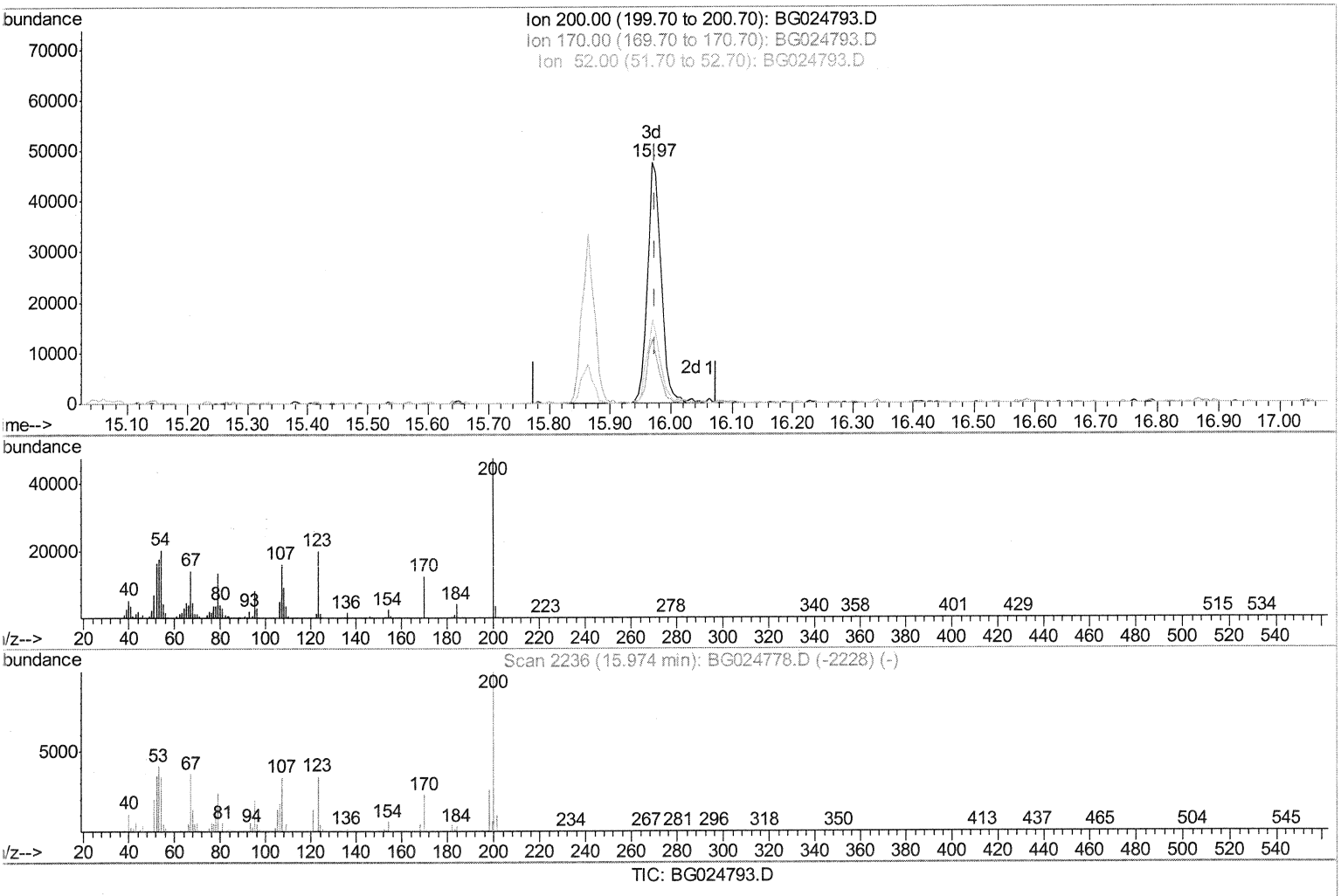
Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:14:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F2J03DL

Manual Integrations APPROVED
Umangi
11/15/2016 6:27:31 PM



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

15.969min (-0.005) 14.19ng/ul m um

response 74498 mlc|c

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	26.39
52.00	47.20	34.56#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024793.D
Acq On : 15 Nov 2016 12:08
Operator : UM/SJ
Sample : H5626-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 18:14:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
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Instrument : BNA_G
ClientSampleId : F2J03DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	89050	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	366811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	302872	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	763404m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1011409	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1064312	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1459m	0.85	ng/uL	0.00
5) Phenol-d5	7.39	99	27840	3.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	77037	16.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	68490	12.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	49314	7.70	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	41445	14.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	48921	14.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	87968	13.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	2555m	0.35	ng/ul	0.04
43) Dimethylphthalate-d6	14.27	166	377641	17.10	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	405940	16.87	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	11998	3.05	ng/ul	0.00
57) Fluorene-d10	15.86	176	359552	17.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	74498m	14.19	ng/ul	0.00
70) Anthracene-d10	17.72	188	635510	18.85	ng/ul	0.00
76) Pyrene-d10	19.99	212	857481	19.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	882471	18.94	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.14	128	877037	49.85	ng/ul	97
34) 2-Methylnaphthalene	12.73	142	24109	1.74	ng/ul#	79
72) Carbazole	18.02	167	99920	3.09	ng/ul	93
73) Di-n-butylphthalate	18.54	149	113436	2.79	ng/ul	99

UM 11/16/16

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