Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:47:54 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
sohil
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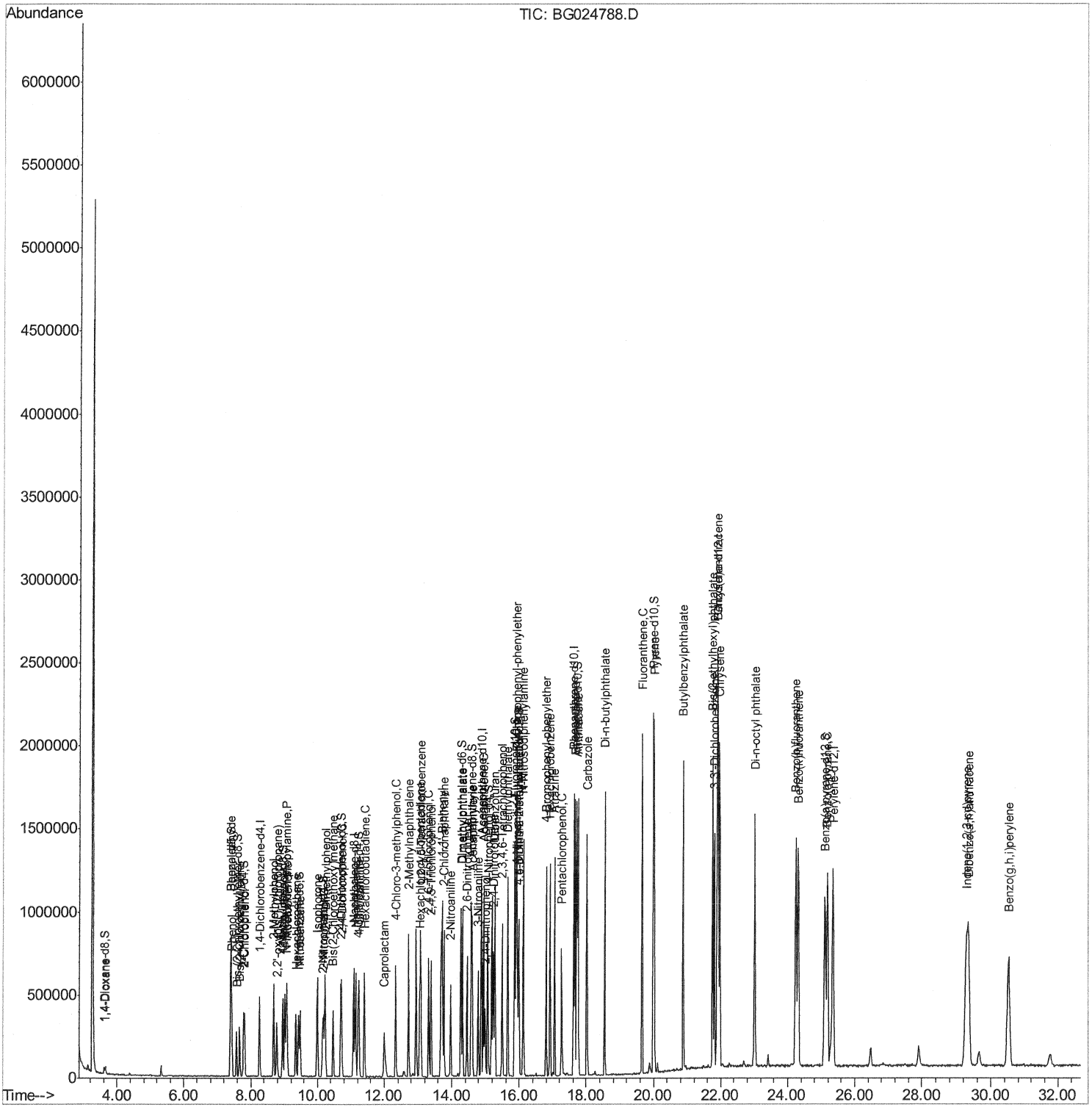

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:45:10 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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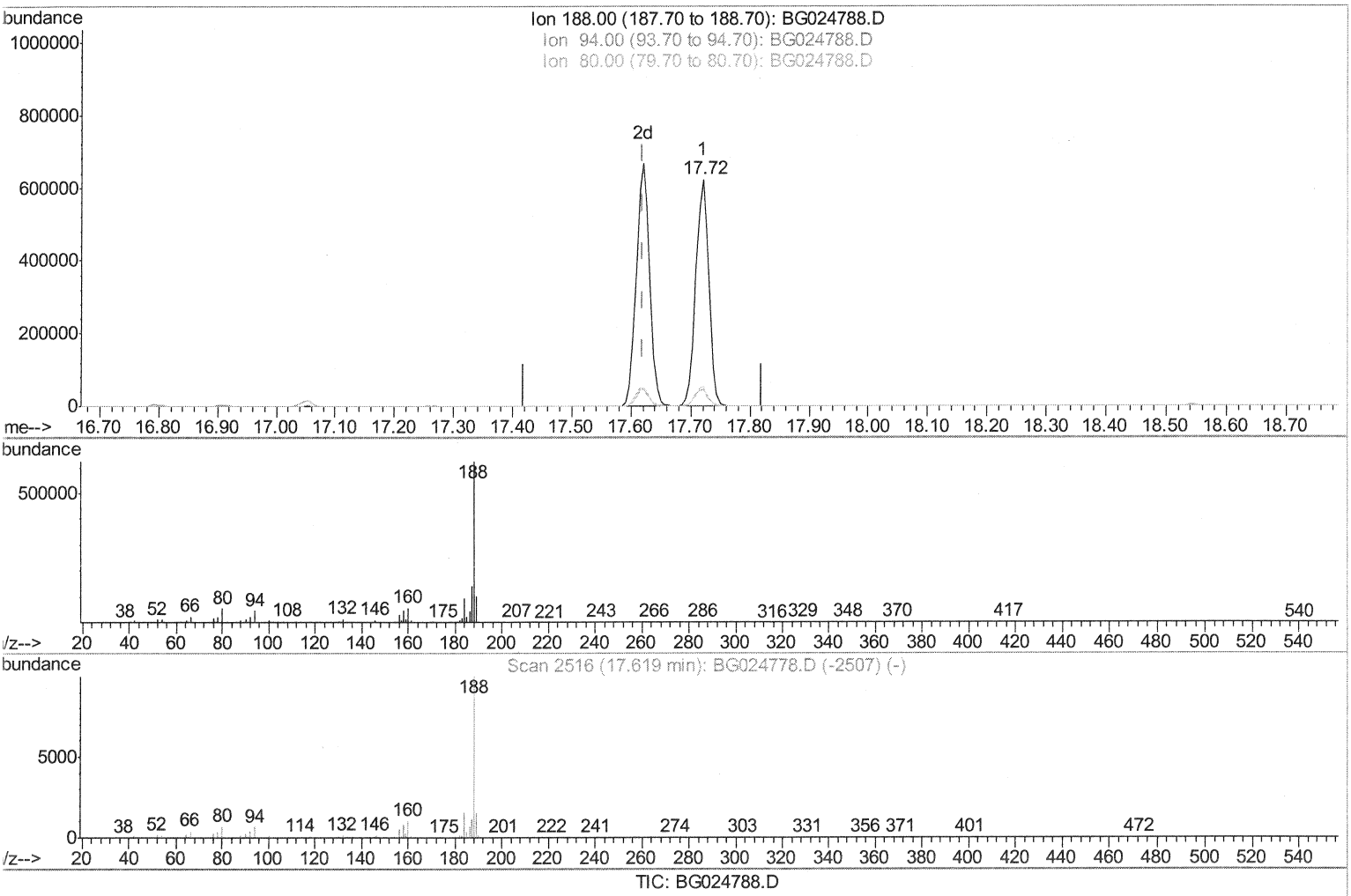

TIC: BG024788.D

(61) Phenanthrene-d10 (I)

17.720min (+0.101) 20.00ng/ul

response 957271

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.53
80.00	9.50	8.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:45:10 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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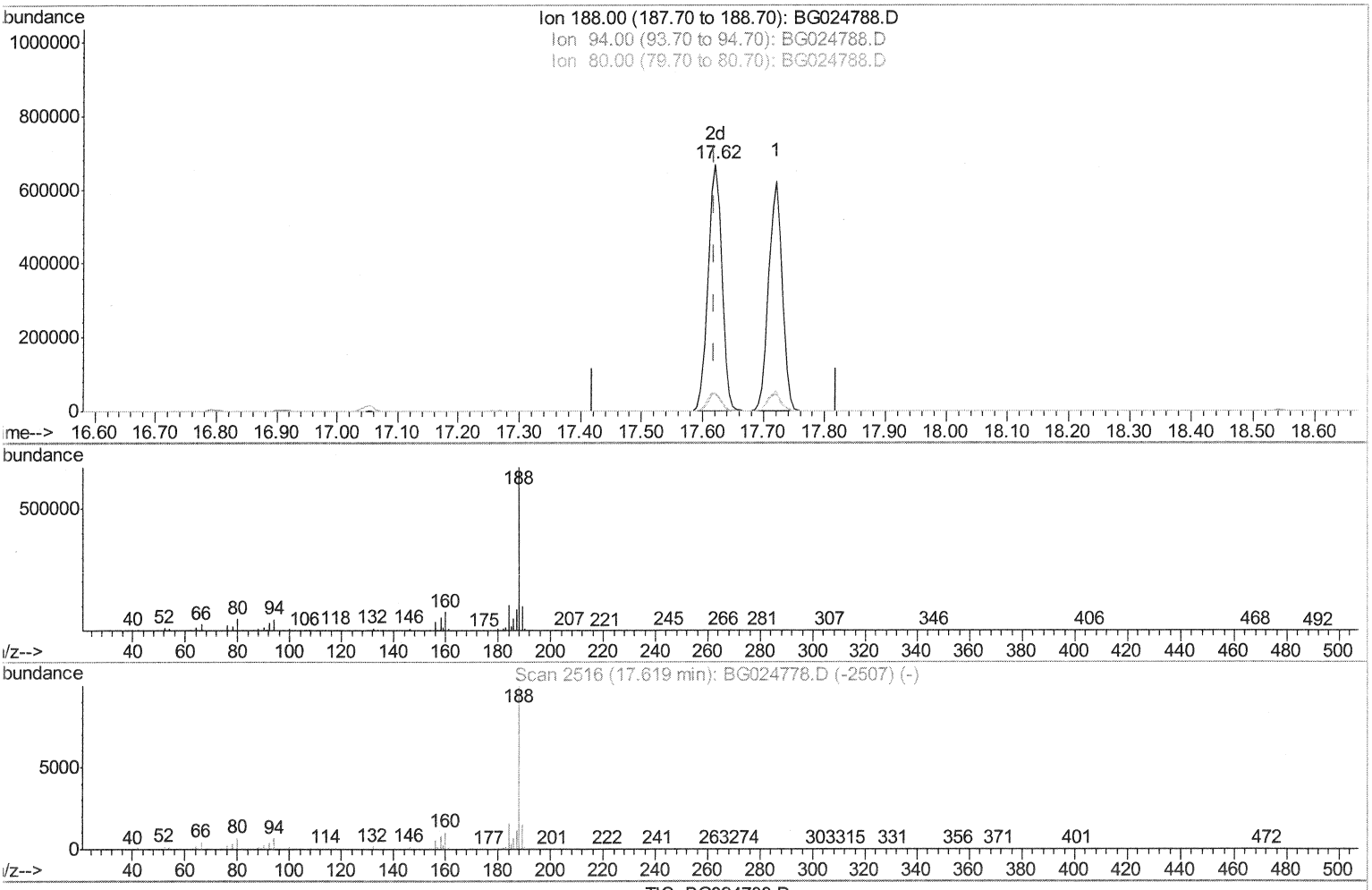

TIC: BG024788.D

(61) Phenanthrene-d10 (I)

17.621min (+0.001) 20.00ng/ul m SJ 11/15/16

response 1042282

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.10
80.00	9.50	7.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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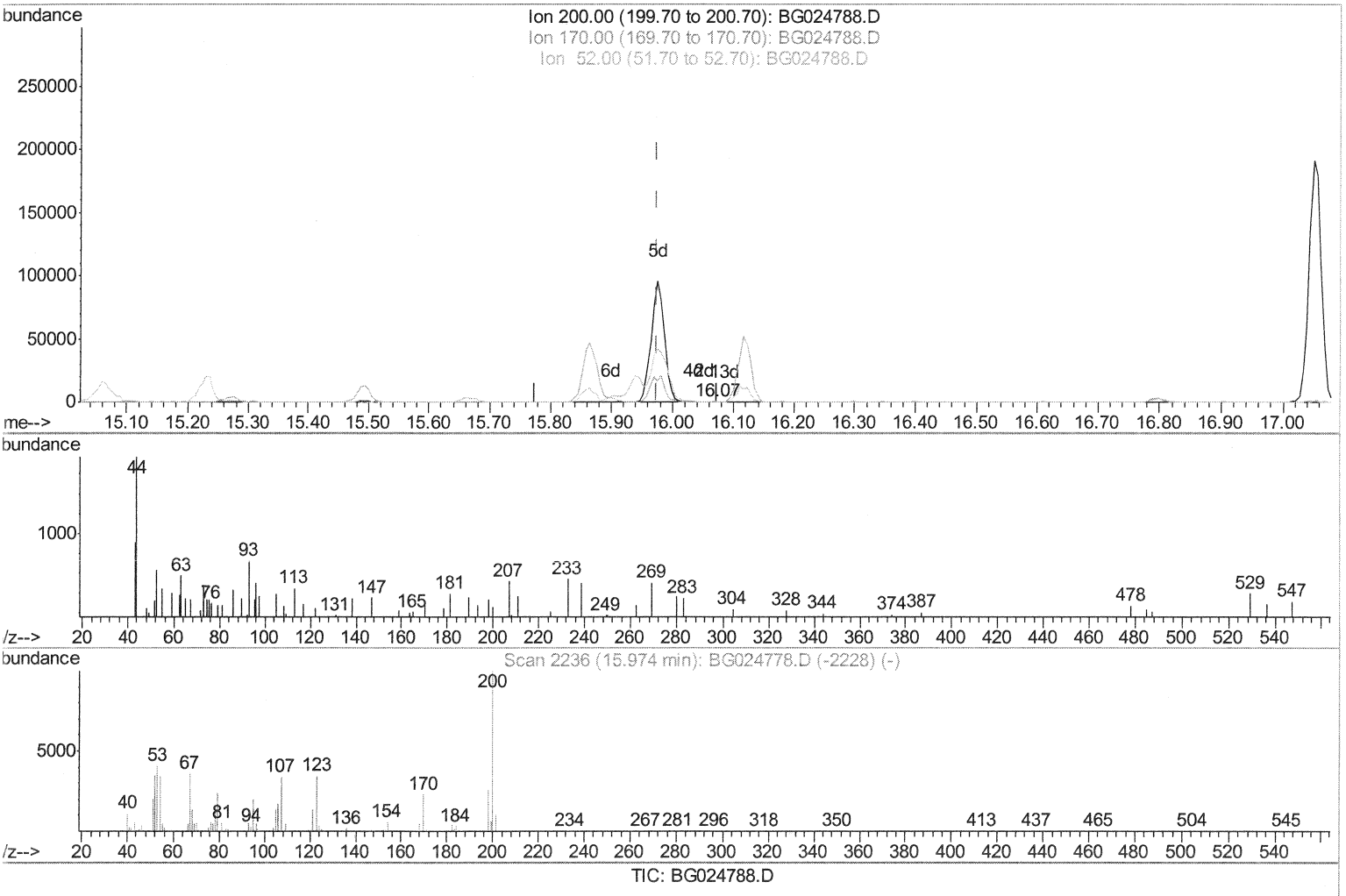

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.069min (+0.095) 0.02ng/ul

response 164

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	108.91#
52.00	47.20	244.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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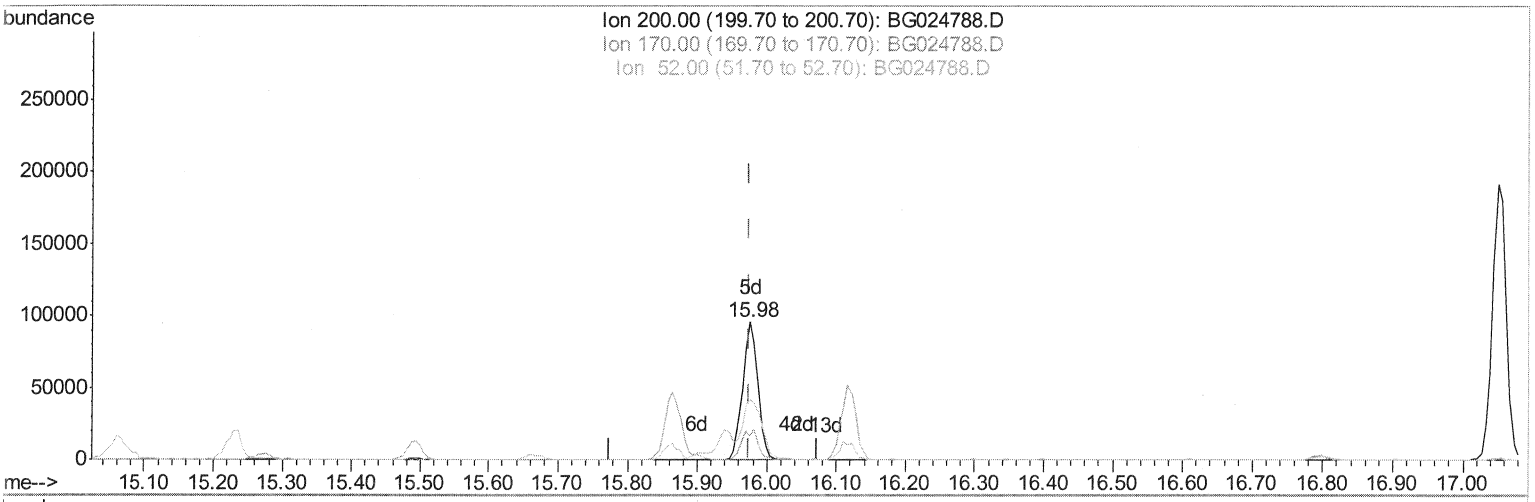

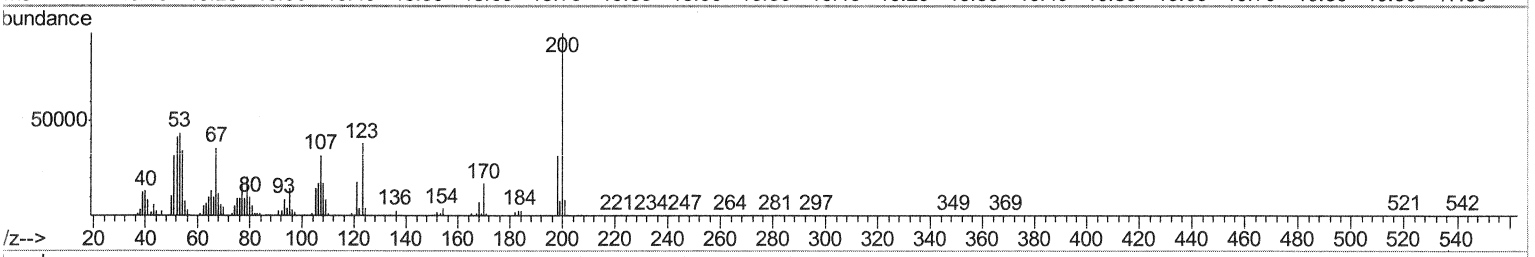

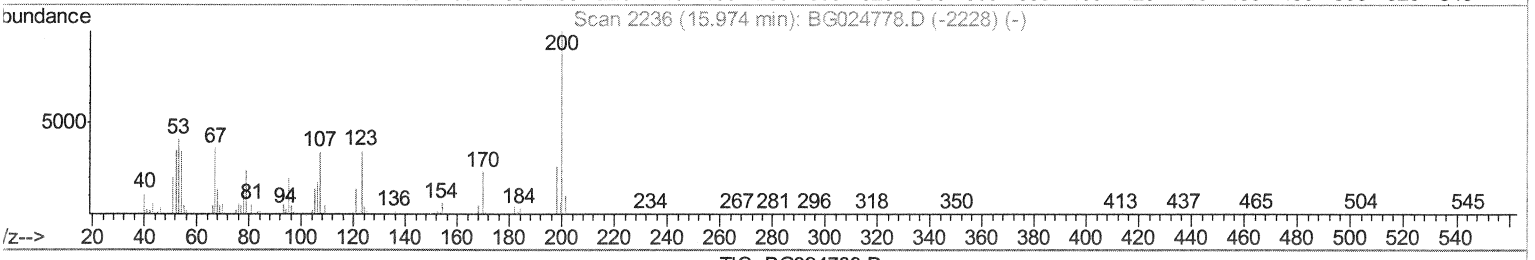

TIC: BG024788.D

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

15.975min (+0.001) 20.27ng/ul m SJ 11/15/16

response 145222

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	17.72#
52.00	47.20	43.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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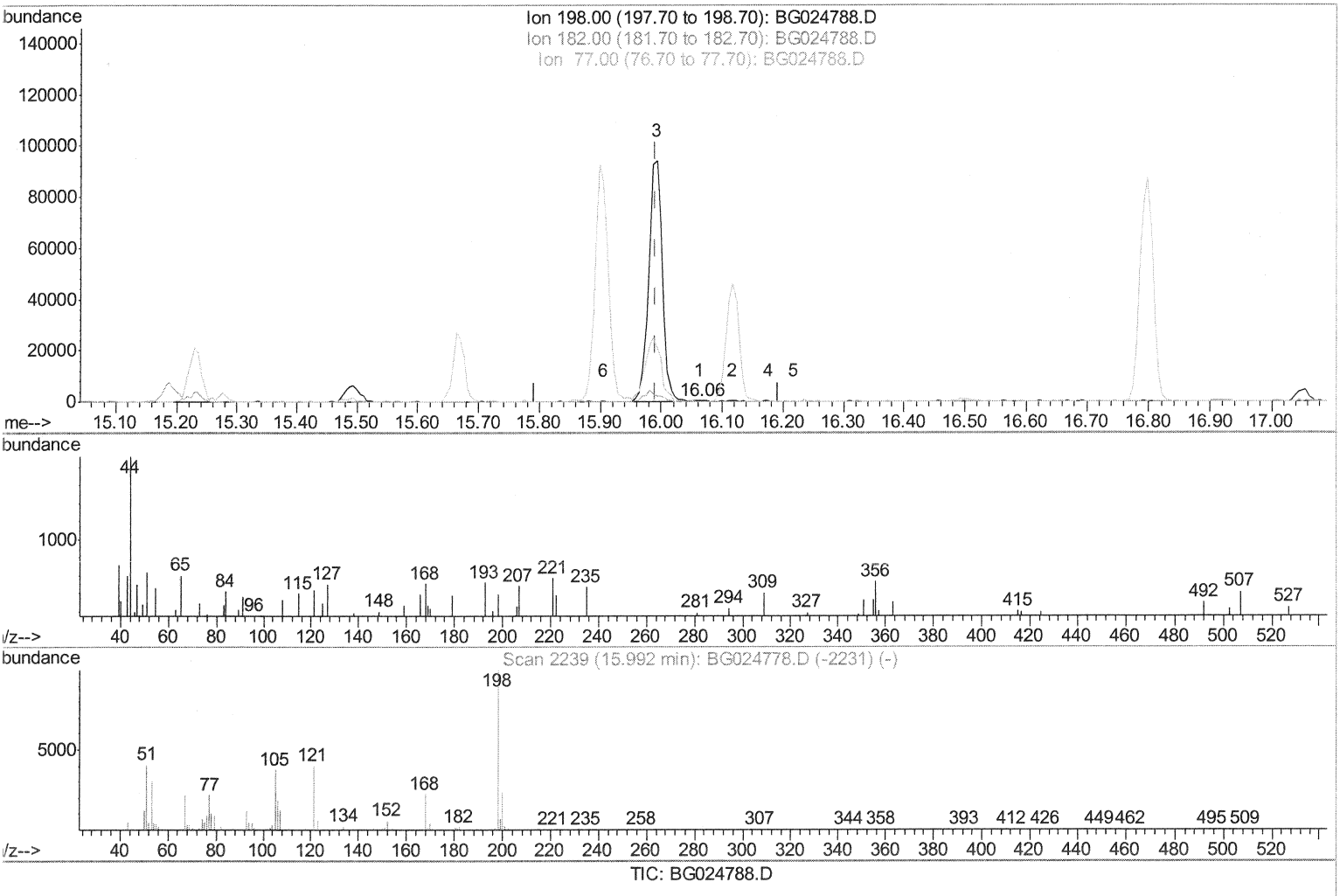

TIC: BG024788.D

(63) 4,6-Dinitro-2-methylphenol

16.064min (+0.072) 0.12ng/ul

response 849

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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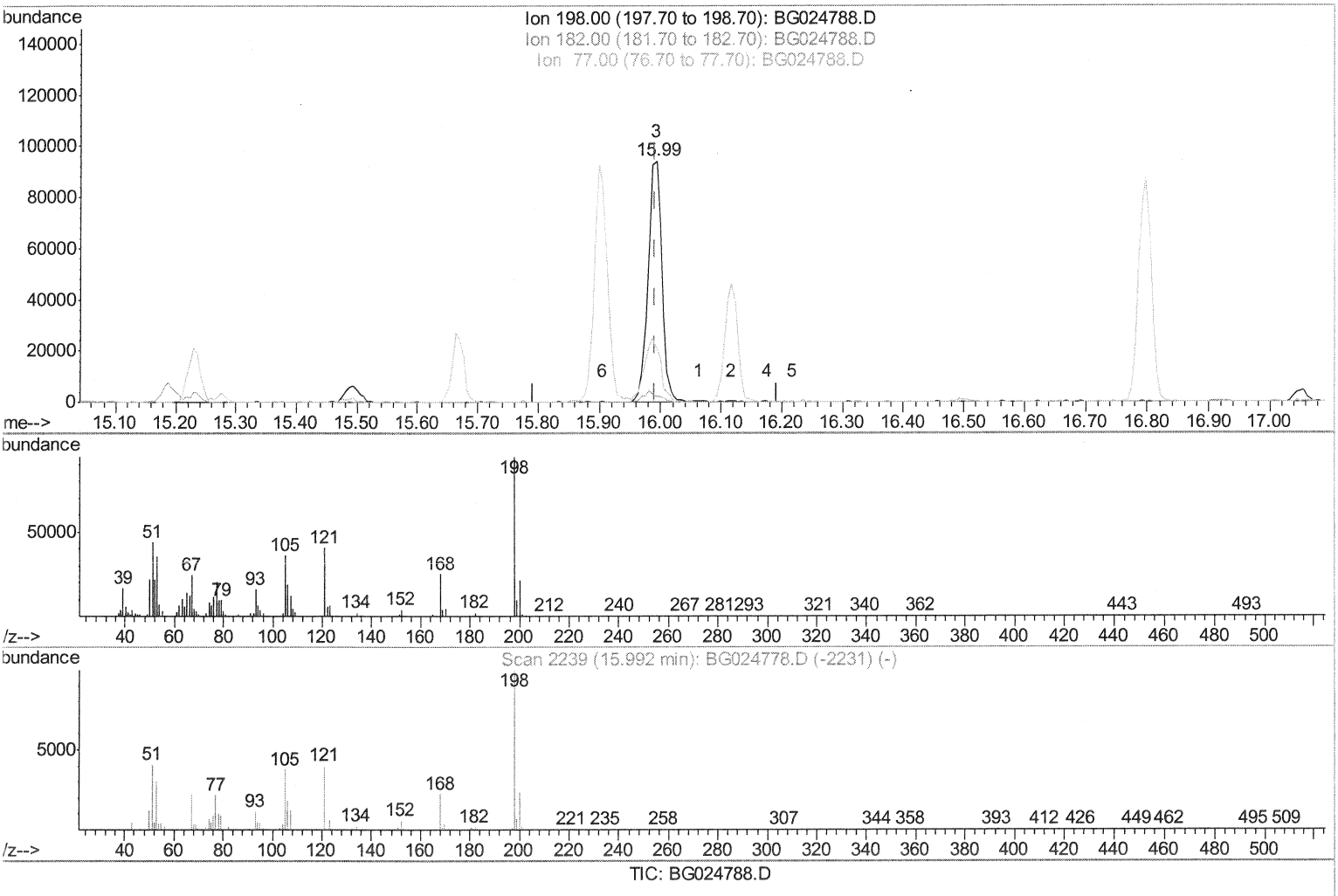

TIC: BG024788.D

(63) 4,6-Dinitro-2-methylphenol

15.993min (+0.001) 20.34ng/ul m SJ 11/15/16

response 147824

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	2.37#
77.00	28.00	22.01#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
Acq On : 15 Nov 2016 7:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 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
LabSampleId :
SSTD02009

Manual Integrations APPROVED
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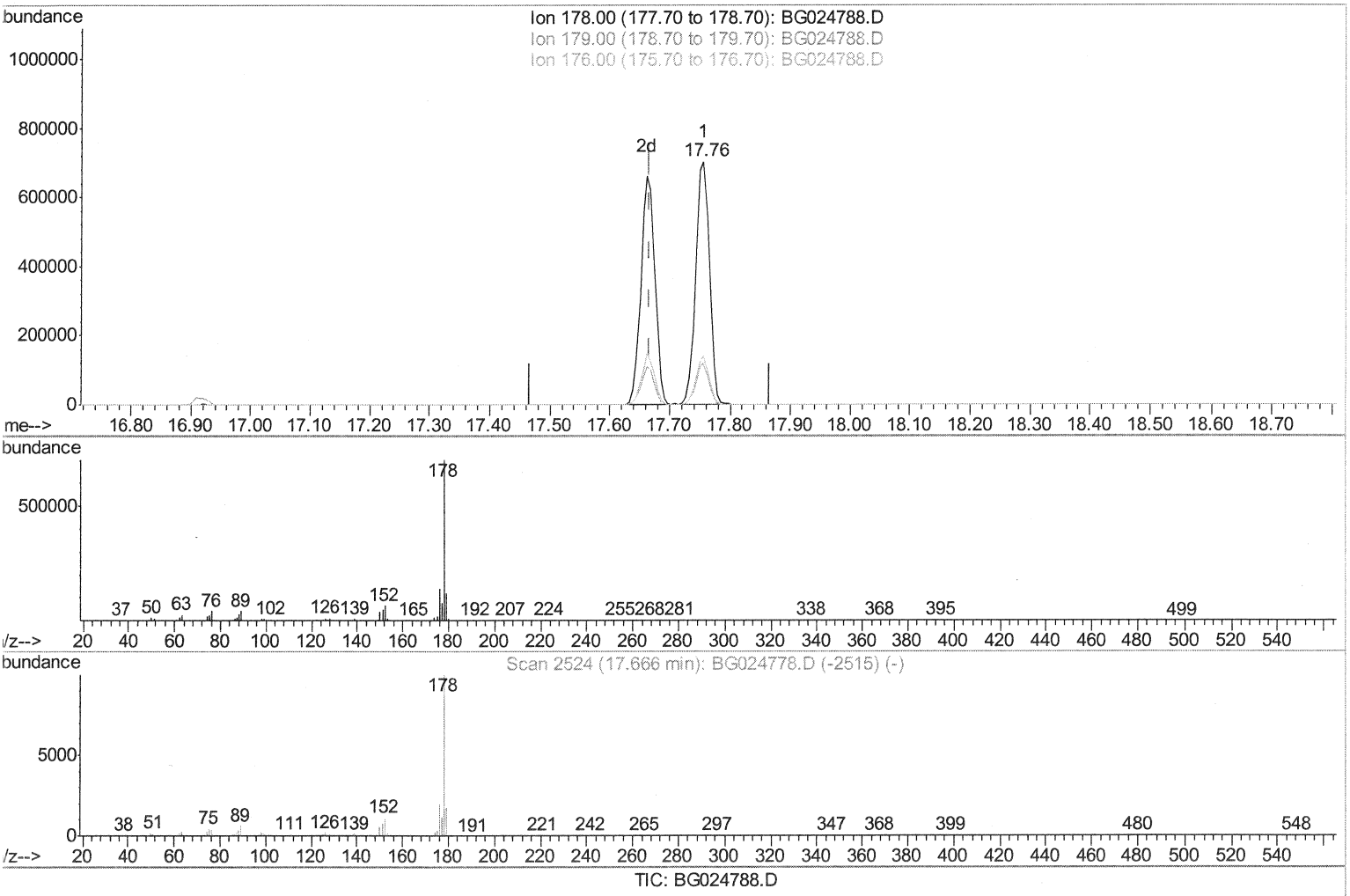

TIC: BG024788.D

(69) Phenanthrene

17.756min (+0.089) 21.34ng/ul

response 1108771

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.97
176.00	20.60	20.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
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Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:46:57 2016
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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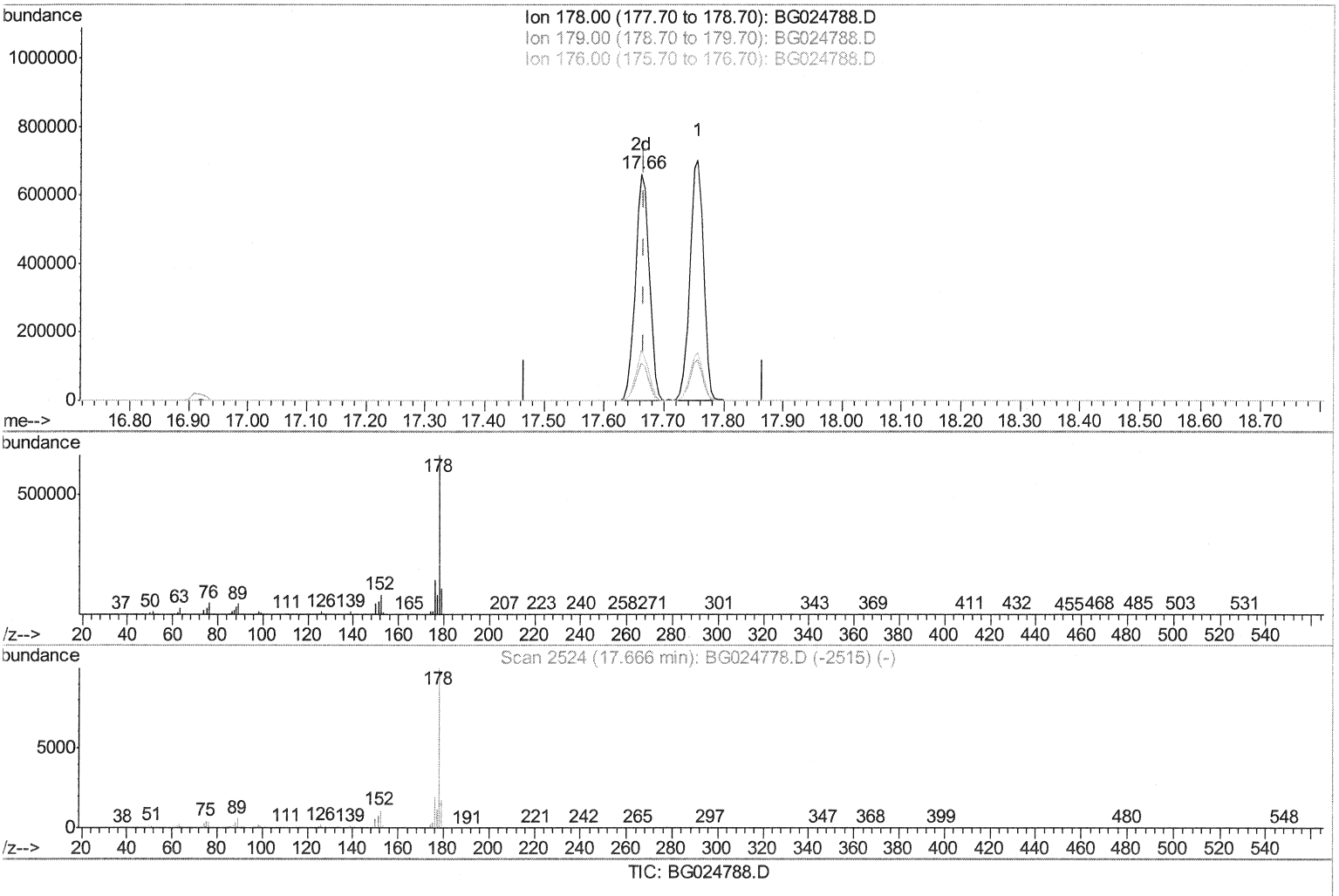

(69) Phenanthrene

17.662min (-0.005) 20.77ng/ul m SJ 11/15/16

response 1079138

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.62
176.00	20.60	22.15
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024788.D
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Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
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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	120035	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	521643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	452154	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1042282m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1336302	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1436481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	20238	8.74	ng/uL	0.00
5) Phenol-d5	7.40	99	217945	21.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	140581	21.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	153627	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	180468	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	79360	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	97443	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	193922	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	229199	21.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	654068	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	730494	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	118198	20.15	ng/ul	0.00
57) Fluorene-d10	15.86	176	619524	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	145222m	20.27	ng/ul	0.00
70) Anthracene-d10	17.72	188	956867	20.78	ng/ul	0.00
76) Pyrene-d10	19.99	212	1194724	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	1289372	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	20955	7.22	ng/uL	96
4) Benzaldehyde	7.39	77	166264	25.10	ng/ul	97
6) Phenol	7.43	94	219822	20.46	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.67	93	170893	22.35	ng/ul	89
10) 2-Chlorophenol	7.82	128	153055	21.46	ng/ul	92
11) 2-Methylphenol	8.69	108	166907	21.21	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.78	45	277279	21.36	ng/ul#	90
14) Acetophenone	9.09	105	274445	21.11	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.06	70	158027	21.39	ng/ul#	92
16) 4-Methylphenol	9.02	108	173193	20.34	ng/ul	97
17) Hexachloroethane	9.35	117	66728	20.44	ng/ul#	78
20) Nitrobenzene	9.48	77	237132	20.22	ng/ul	98
21) Isophorone	9.99	82	429590	19.64	ng/ul	99
23) 2-Nitrophenol	10.19	139	98379	20.65	ng/ul#	86
24) 2,4-Dimethylphenol	10.23	107	225308	19.92	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.47	93	231179	20.13	ng/ul	93
27) 2,4-Dichlorophenol	10.72	162	191014	21.24	ng/ul	98
28) Naphthalene	11.14	128	511379	20.44	ng/ul#	94
30) 4-Chloroaniline	11.25	127	222112	21.96	ng/ul	95
31) Hexachlorobutadiene	11.40	225	159686	20.23	ng/ul	97
32) Caprolactam	12.00	113	74622	21.05	ng/ul	89
33) 4-Chloro-3-methylphenol	12.34	107	224627	20.63	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	396969	20.16	ng/ul	98

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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 07:47:54 2016
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Quant Title : SVOA CALIBRATION
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Instrument : BNA_G
LabSampleId : SSTD02009

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	288454	19.66 ng/ul	98
37) Hexachlorocyclopentadiene	13.05	237	176914	18.71 ng/ul	97
38) 2,4,6-Trichlorophenol	13.31	196	173272	19.42 ng/ul	86
39) 2,4,5-Trichlorophenol	13.39	196	190073	19.60 ng/ul	92
40) 1,1'-Biphenyl	13.71	154	570550	19.61 ng/ul	96
41) 2-Chloronaphthalene	13.77	162	442794	19.58 ng/ul	96
42) 2-Nitroaniline	13.97	65	178667	19.92 ng/ul	94
44) Dimethylphthalate	14.32	163	636885	20.14 ng/ul#	96
45) 2,6-Dinitrotoluene	14.45	165	135332	20.36 ng/ul#	90
47) Acenaphthylene	14.61	152	704630	20.26 ng/ul	99
48) 3-Nitroaniline	14.78	138	126458	20.58 ng/ul#	76
49) Acenaphthene	14.94	153	483652	19.65 ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	86428	18.17 ng/ul#	80
52) 4-Nitrophenol	15.07	109	136023	19.37 ng/ul	95
53) Dibenzofuran	15.28	168	756411	20.08 ng/ul	96
54) 2,4-Dinitrotoluene	15.23	165	206696	20.56 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.49	232	207954	20.61 ng/ul	98
56) Diethylphthalate	15.67	149	663829	19.76 ng/ul#	92
58) Fluorene	15.92	166	614434	20.09 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	342151	19.79 ng/ul	89
60) 4-Nitroaniline	15.94	138	133690	19.13 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.99	198	147824m	20.34 ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	577110	20.49 ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	257964	20.35 ng/ul	92
66) Hexachlorobenzene	16.92	284	292822	20.88 ng/ul	93
67) Atrazine	17.05	200	269811	20.44 ng/ul	98
68) Pentachlorophenol	17.26	266	163128	19.70 ng/ul	92
69) Phenanthrene	17.66	178	1079138m	20.77 ng/ul	
71) Anthracene	17.76	178	1105657	20.57 ng/ul	98
72) Carbazole	18.02	167	964175	21.87 ng/ul	99
73) Di-n-butylphthalate	18.55	149	1142033	20.56 ng/ul	99
74) Fluoranthene	19.66	202	1374072	22.77 ng/ul	97
77) Pyrene	20.02	202	1374027	20.92 ng/ul	98
78) Butylbenzylphthalate	20.88	149	522020	19.42 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.80	252	560547	21.81 ng/ul	98
80) Benzo(a)anthracene	21.89	228	1507060	20.72 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	745293	20.26 ng/ul	99
82) Chrysene	21.97	228	1384513	20.31 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	1285392	21.14 ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	1513435	20.00 ng/ul	97
86) Benzo(k)fluoranthene	24.31	252	1472544	20.48 ng/ul	98
88) Benzo(a)pyrene	25.18	252	1468165	20.05 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.28	276	1846563	20.16 ng/ul	98
90) Dibenzo(a,h)anthracene	29.35	278	1554663	20.37 ng/ul	98
91) Benzo(g,h,i)perylene	30.52	276	1520723	20.16 ng/ul	96

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