Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 26 10:15:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA9Q7

Manual Integrations APPROVED
mohammad
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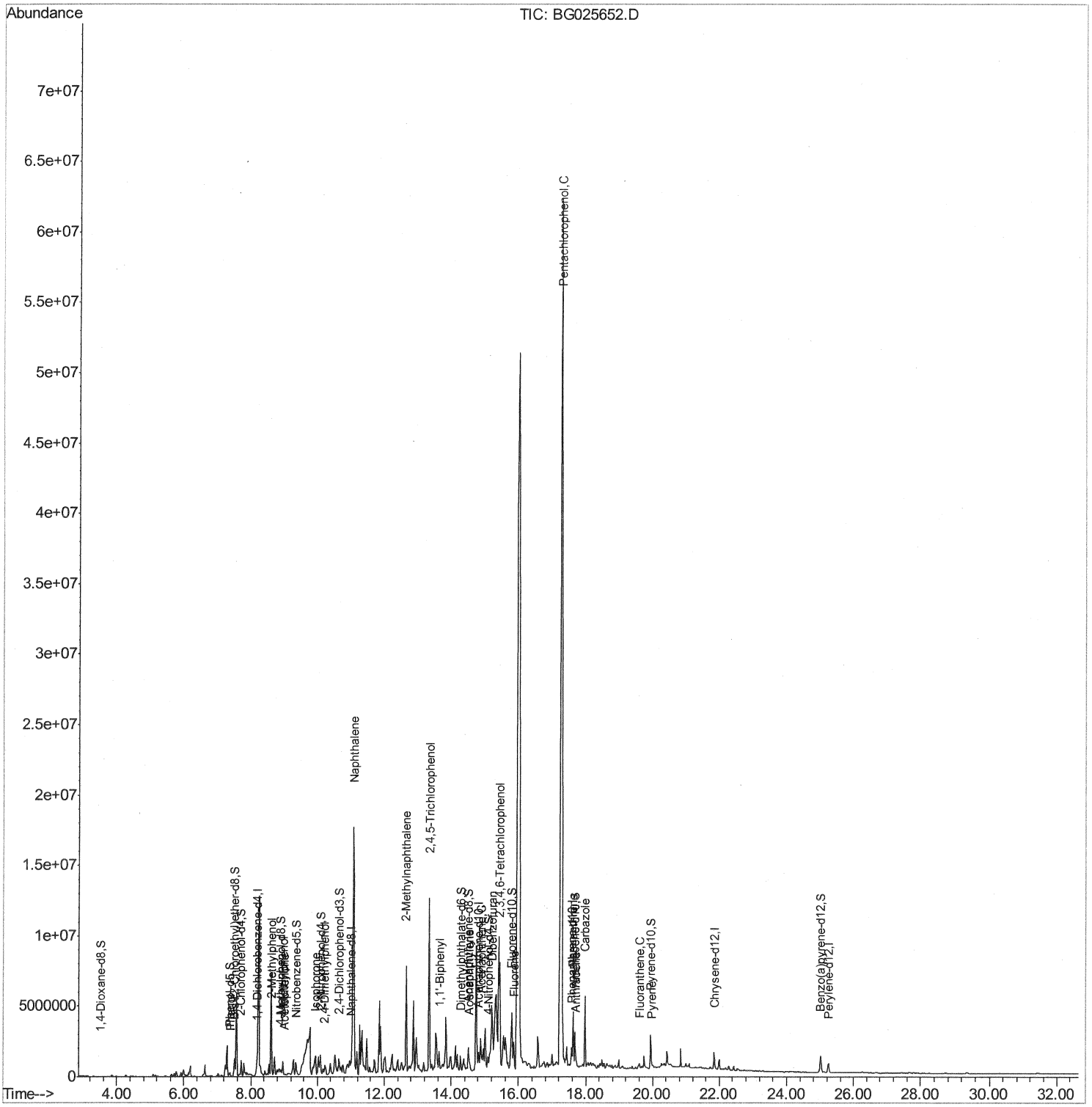

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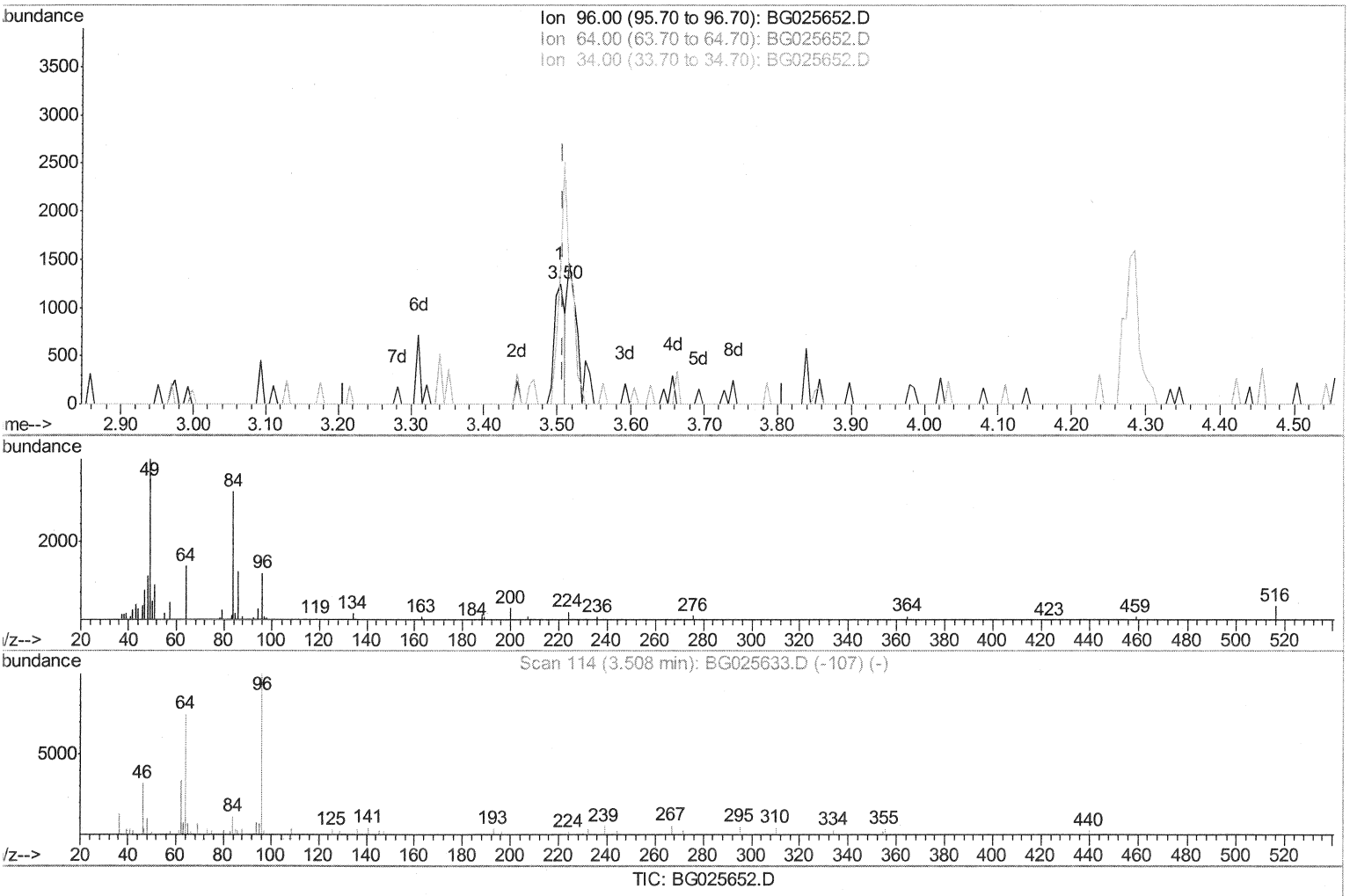

TIC: BG025652.D

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

3.504min (-0.004) 0.63ng/uL

response 1224

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	113.04#
34.00	0.00	0.00
0.00	0.00	0.00

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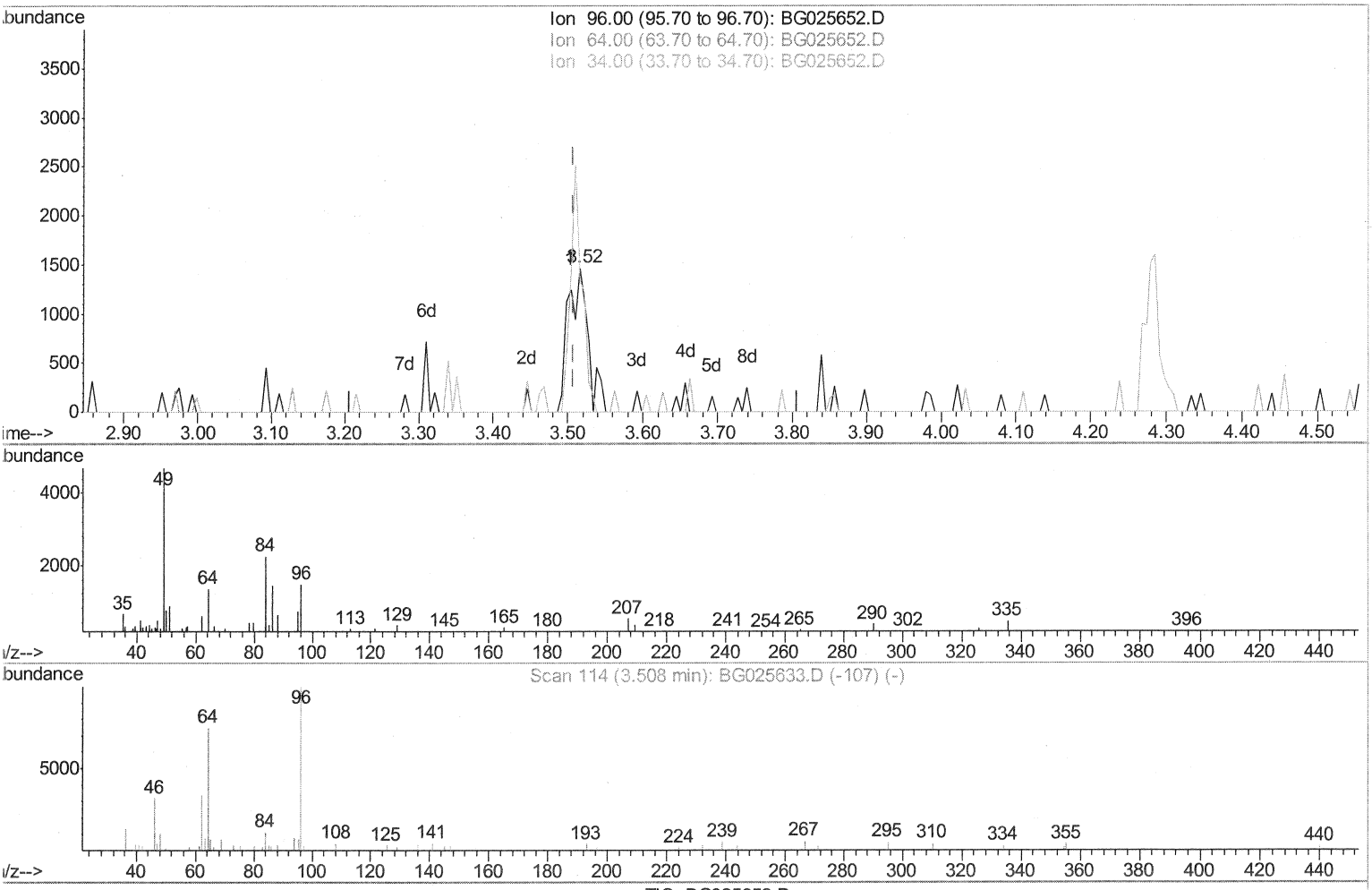

TIC: BG025652.D

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

3.516min (+0.008) 1.24ng/uL m SJ 1/27/17

response 2403

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	91.29
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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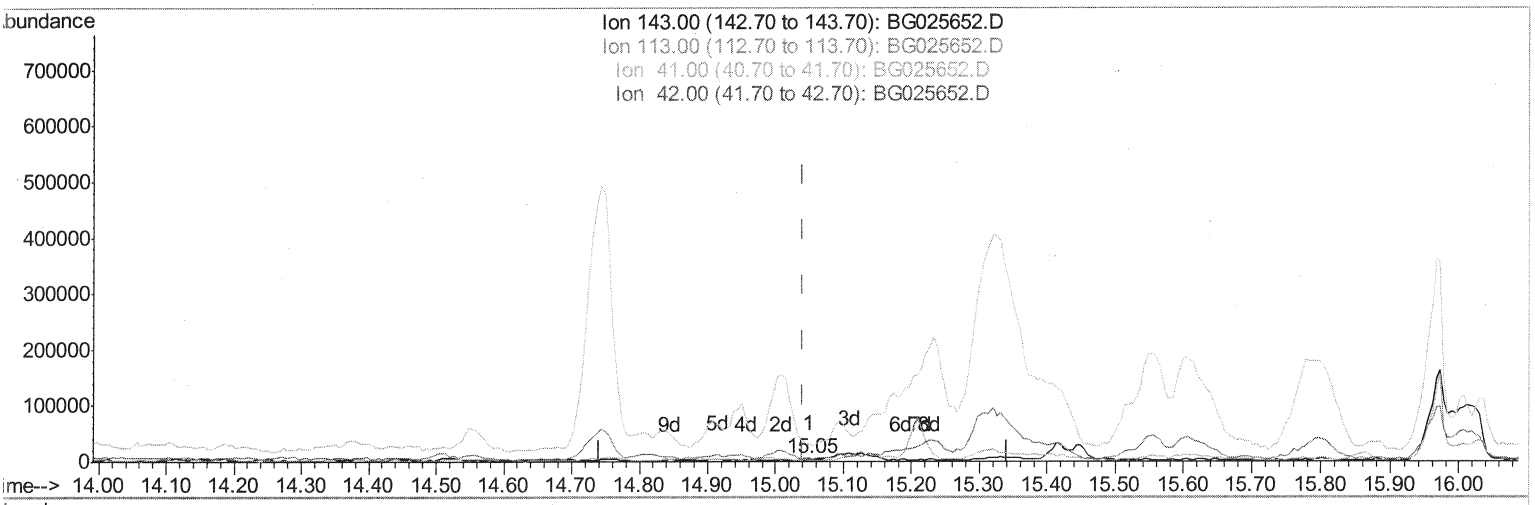

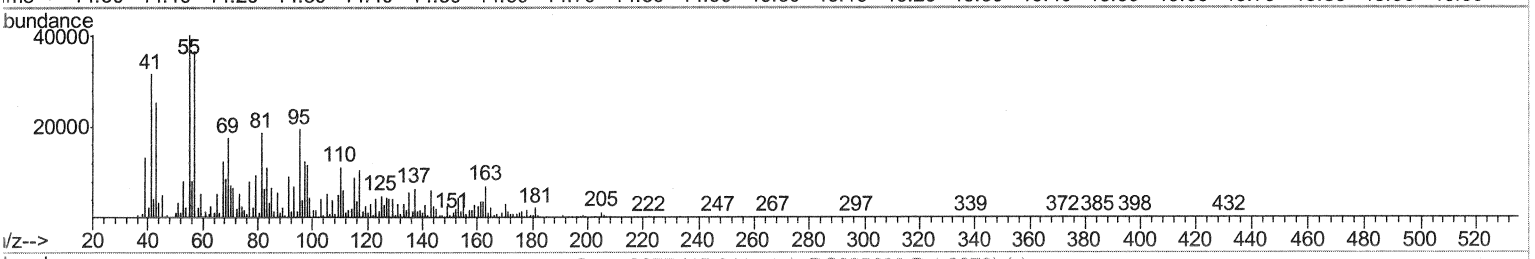

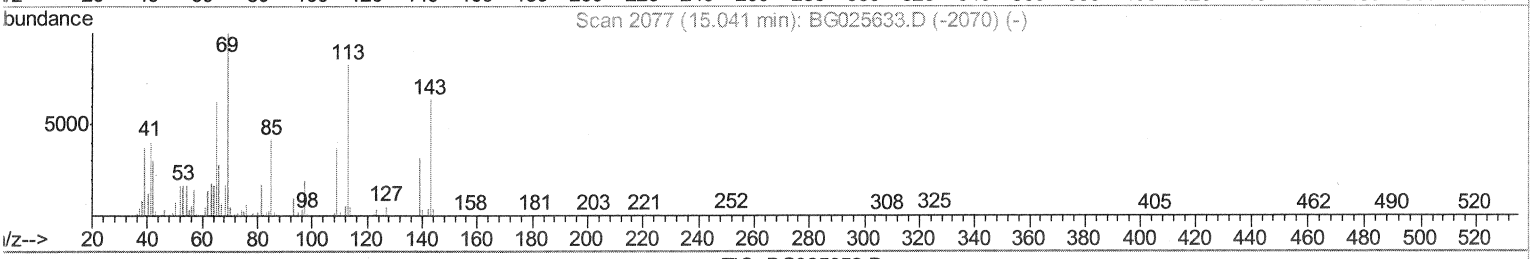

TIC: BG025652.D

(51) 4-Nitrophenol-d4 (S)

15.049min (+0.008) 1.36ng/ul

response 4311

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	29.95#
41.00	58.00	499.05#
42.00	42.20	68.38#

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Manual Integrations APPROVED
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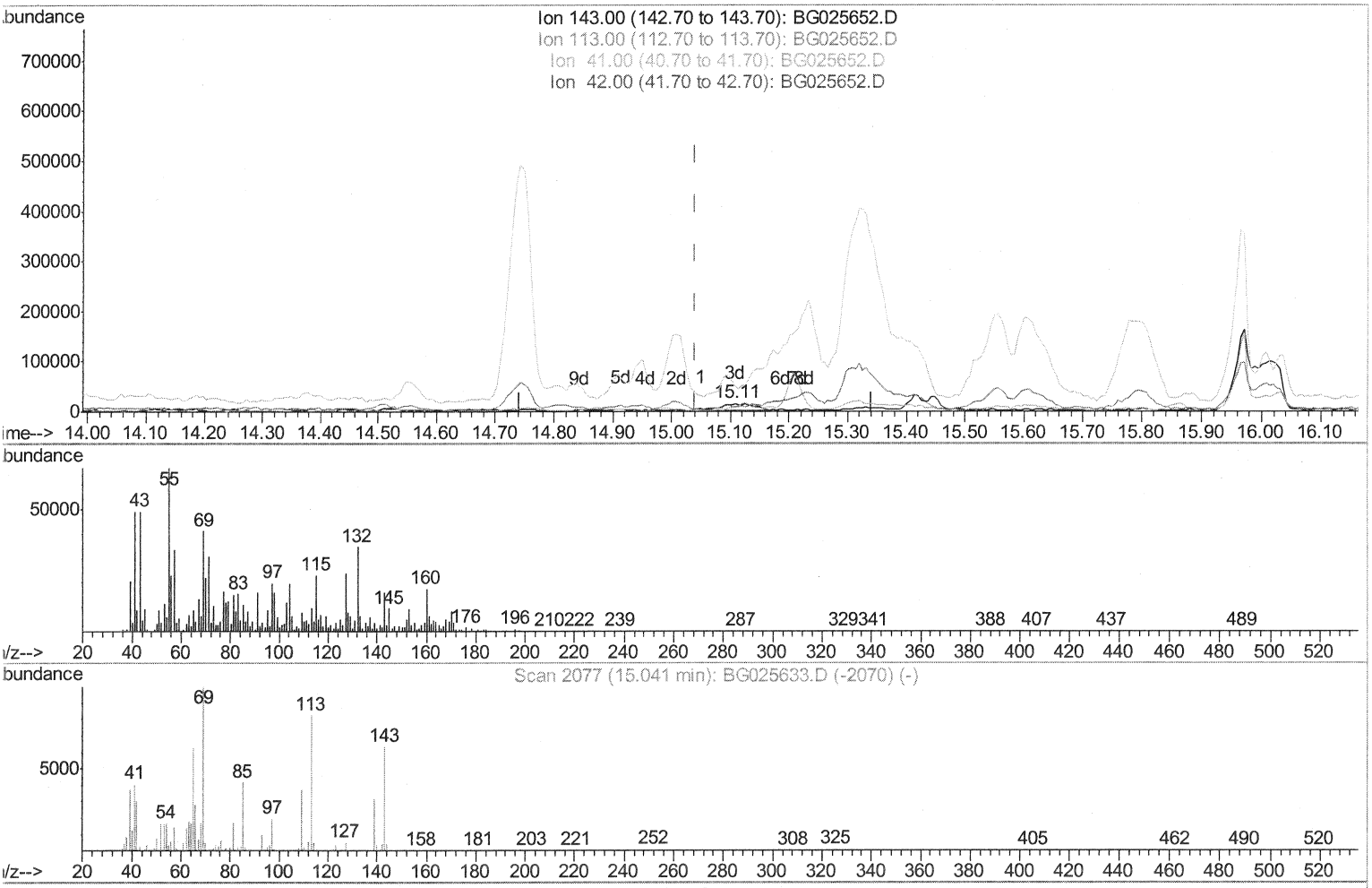

TIC: BG025652.D

(51) 4-Nitrophenol-d4 (S)

15.108min (+0.067) 16.34ng/ul m SJ 1/27/17

response 51890

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	58.70#
41.00	58.00	298.35#
42.00	42.20	53.00#

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Manual Integrations APPROVED
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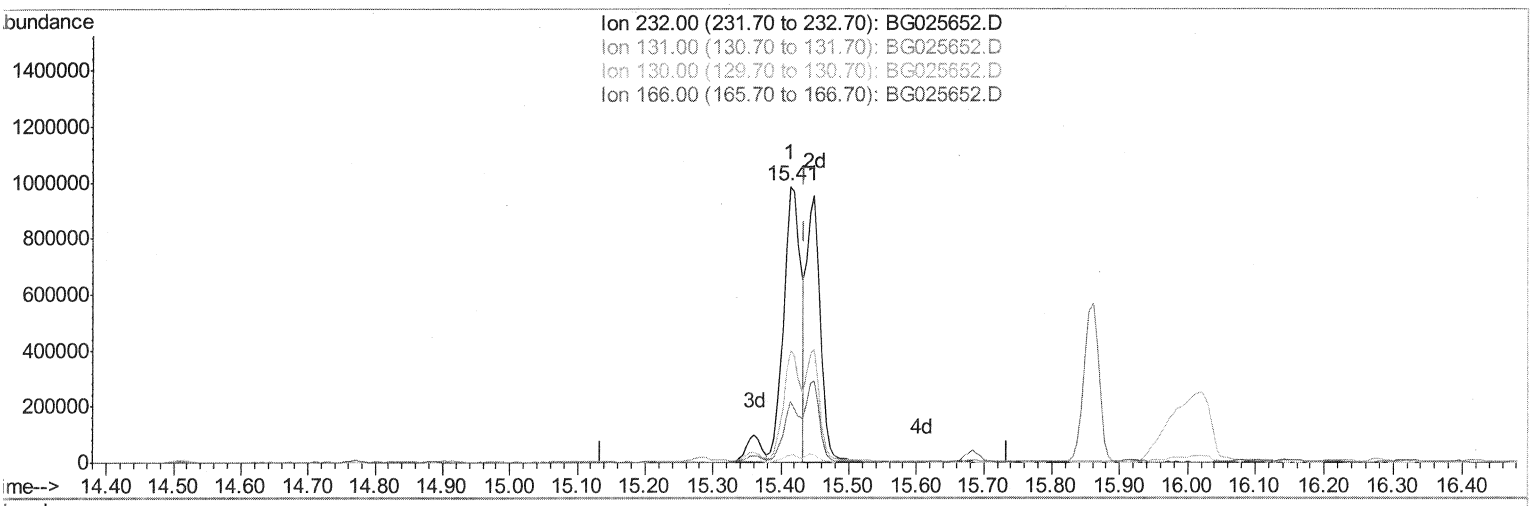

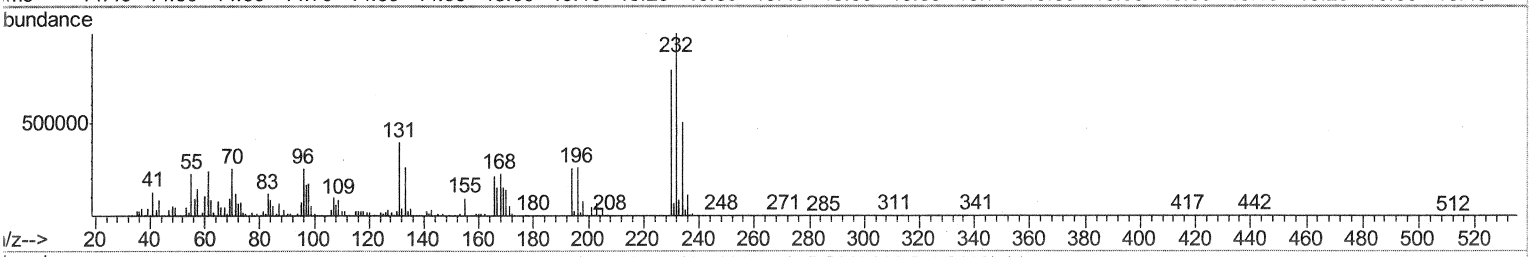

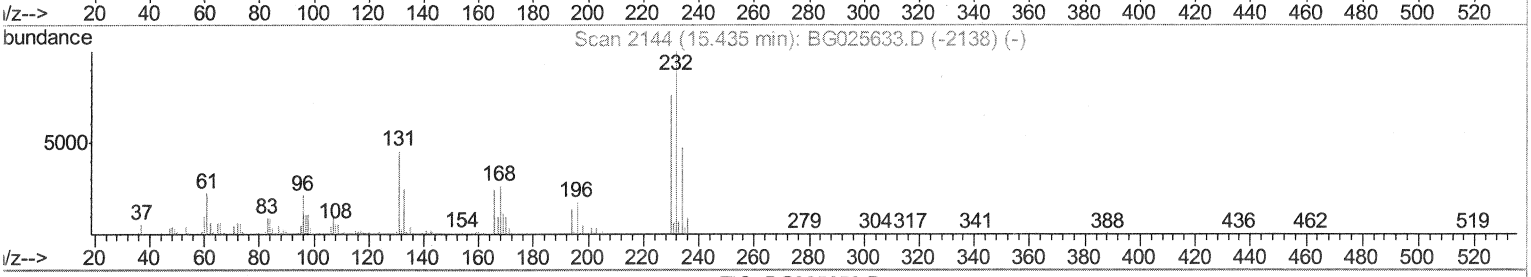

TIC: BG025652.D

(55) 2,3,4,6-Tetrachlorophenol

15.413min (-0.021) 262.90ng/ul

response 1745134

Ion	Exp%	Act%
232.00	100	100
131.00	41.60	40.29
130.00	2.20	2.52
166.00	27.40	22.12

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Misc :
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BNA_G
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Manual Integrations APPROVED
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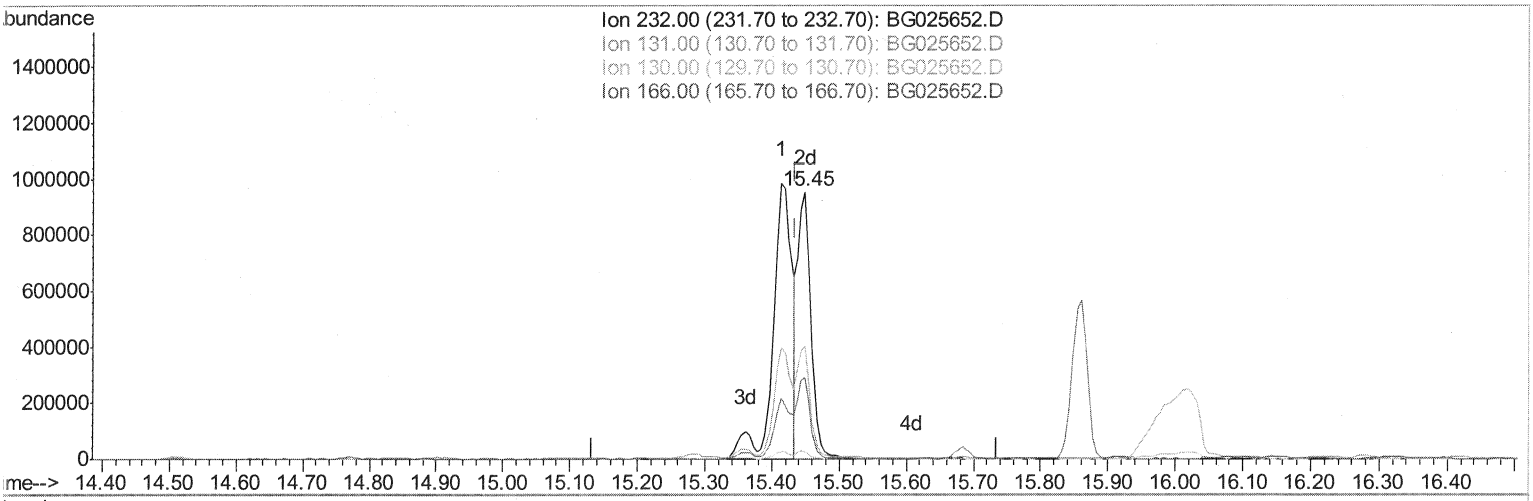

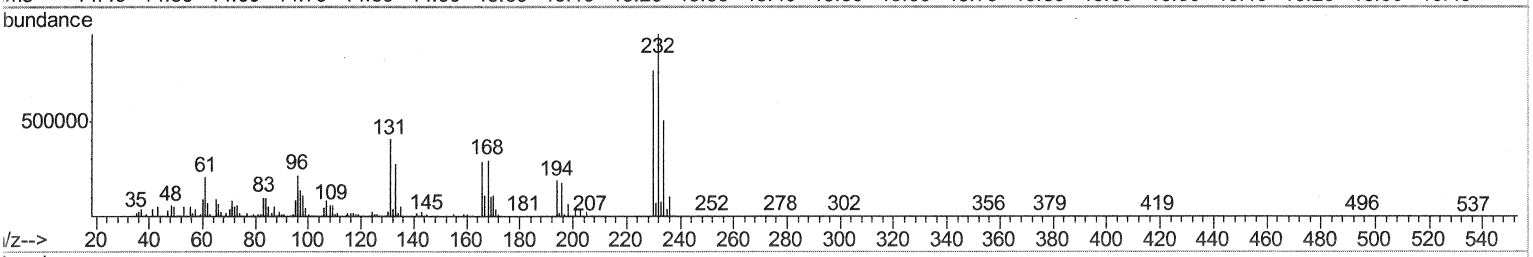

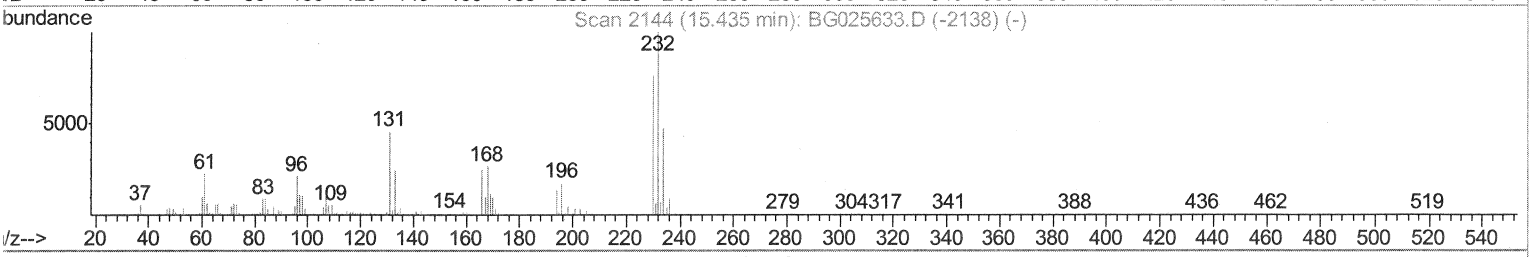

TIC: BG025652.D

(55) 2,3,4,6-Tetrachlorophenol

15.449min (+0.014) 208.33ng/ul m SJ 1/27/17

response 1382919

Ion	Exp%	Act%
232.00	100	100
131.00	41.60	42.36
130.00	2.20	3.04#
166.00	27.40	30.41

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ClientSampleId : DA9Q7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	96981	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	497962	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	328165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	645158	20.00	ng/ul	0.03
75) Chrysene-d12	21.85	240	733037	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	734955	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2403m	1.24	ng/uL	0.00
5) Phenol-d5	7.37	99	68105	8.19	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.49	67	209526	39.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	181667	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	141343	20.00	ng/ul	0.01
19) Nitrobenzene-d5	9.36	128	131578	37.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	175917	41.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	260361	31.34	ng/ul	0.02
29) 4-Chloroaniline-d4	11.18	131	8972	0.97	ng/ul	0.03
43) Dimethylphthalate-d6	14.29	166	845024	36.46	ng/ul	0.08
46) Acenaphthylene-d8	14.51	160	1002025	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	51890m	16.34	ng/ul	0.07
57) Fluorene-d10	15.80	176	793318	36.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	1121427	40.82	ng/ul	0.03
76) Pyrene-d10	19.94	212	1273631	41.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1250263	40.47	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.40	94	21440	2.46	ng/ul#	86
11) 2-Methylphenol	8.64	108	17261	2.65	ng/ul	81
14) Acetophenone	9.02	105	43049	3.90	ng/ul	98
16) 4-Methylphenol	8.98	108	42361	5.94	ng/ul	92
21) Isophorone	9.93	82	739119	34.82	ng/ul	98
24) 2,4-Dimethylphenol	10.21	107	21098	2.03	ng/ul	88
28) Naphthalene	11.09	128	9296612	404.37	ng/ul#	16
34) 2-Methylnaphthalene	12.66	142	3122916	166.39	ng/ul	90
39) 2,4,5-Trichlorophenol	13.35	196	2879108	458.93	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	646928	31.81	ng/ul	97
47) Acenaphthylene	14.54	152	78776	3.23	ng/ul#	75
49) Acenaphthene	14.87	153	887428	51.11	ng/ul	97
53) Dibenzofuran	15.21	168	1518407	56.91	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.45	232	1382919m	208.33	ng/ul	
58) Fluorene	15.86	166	887784	40.74	ng/ul	100
68) Pentachlorophenol	17.29	266	13091415	3698.80	ng/ul#	64
69) Phenanthrene	17.62	178	2109430	67.26	ng/ul	94
71) Anthracene	17.71	178	221500	7.03	ng/ul	97
72) Carbazole	17.98	167	2930094	112.06	ng/ul#	86
74) Fluoranthene	19.60	202	245812	6.64	ng/ul	98
77) Pyrene	19.97	202	109801	3.05	ng/ul	97

SJ 1/27/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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