Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024928.D
Acq On : 24 Nov 2016 4:56
Operator : UM/SJ
Sample : H5701-11MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 24 06:12:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WD7MSD

Manual Integrations APPROVED
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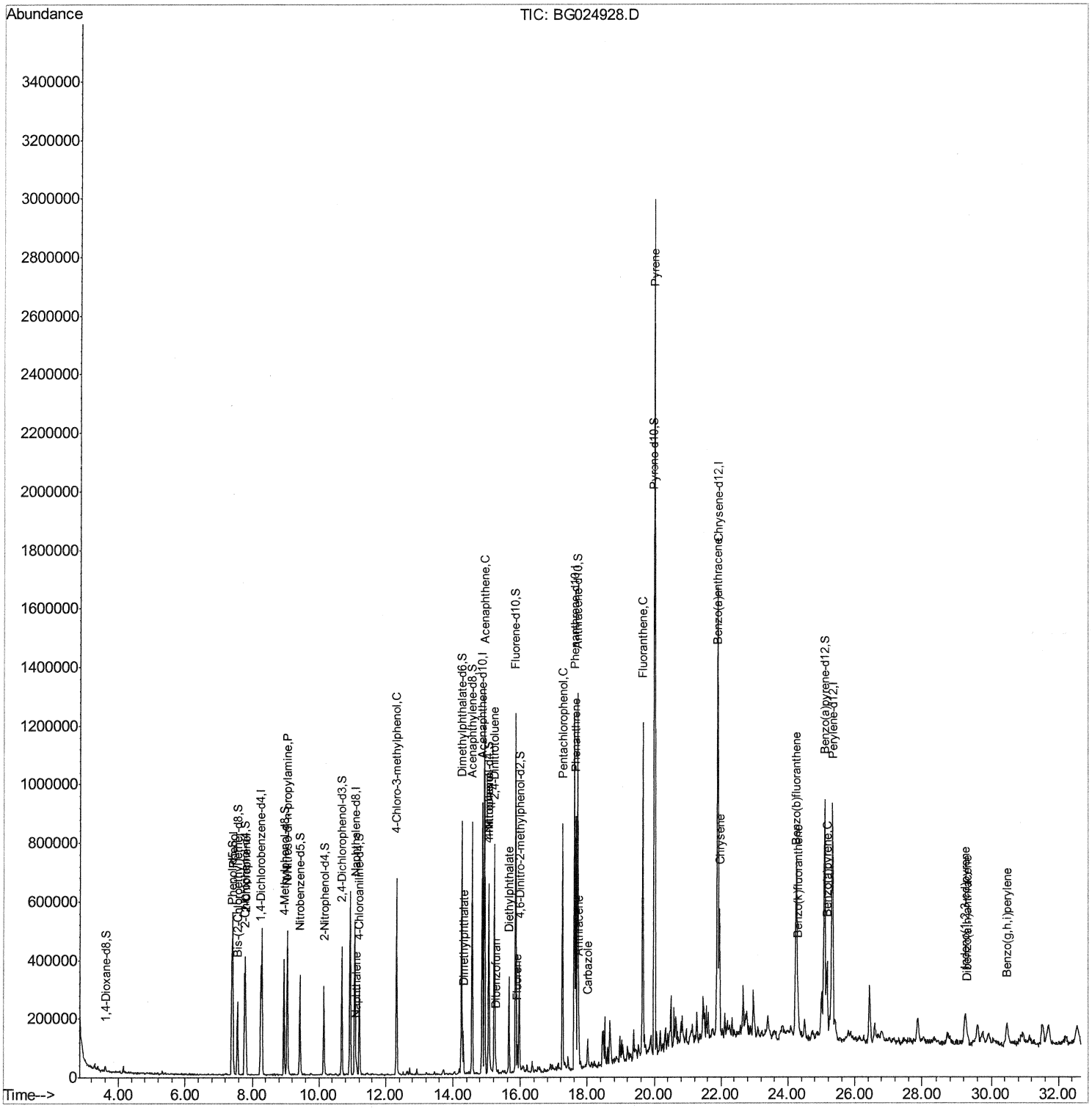

Quantitation Report (Qedit)

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Quant Time: Nov 24 05:57:22 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:29:39 2016
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ClientSampleId :
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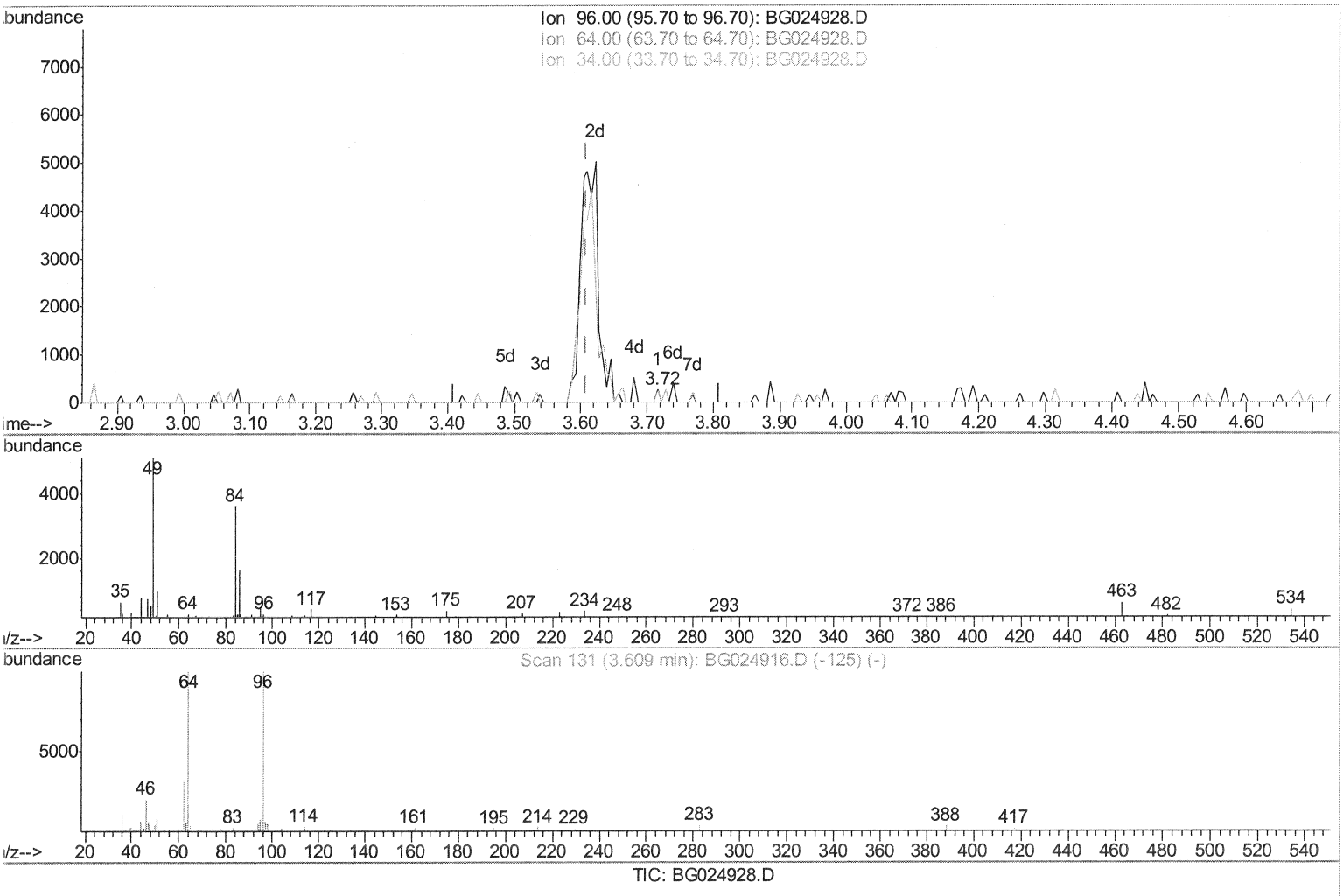

TIC: BG024928.D

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

3.716min (+0.107) 0.05ng/uL

response 95

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	94.80
34.00	0.00	0.00
0.00	0.00	0.00

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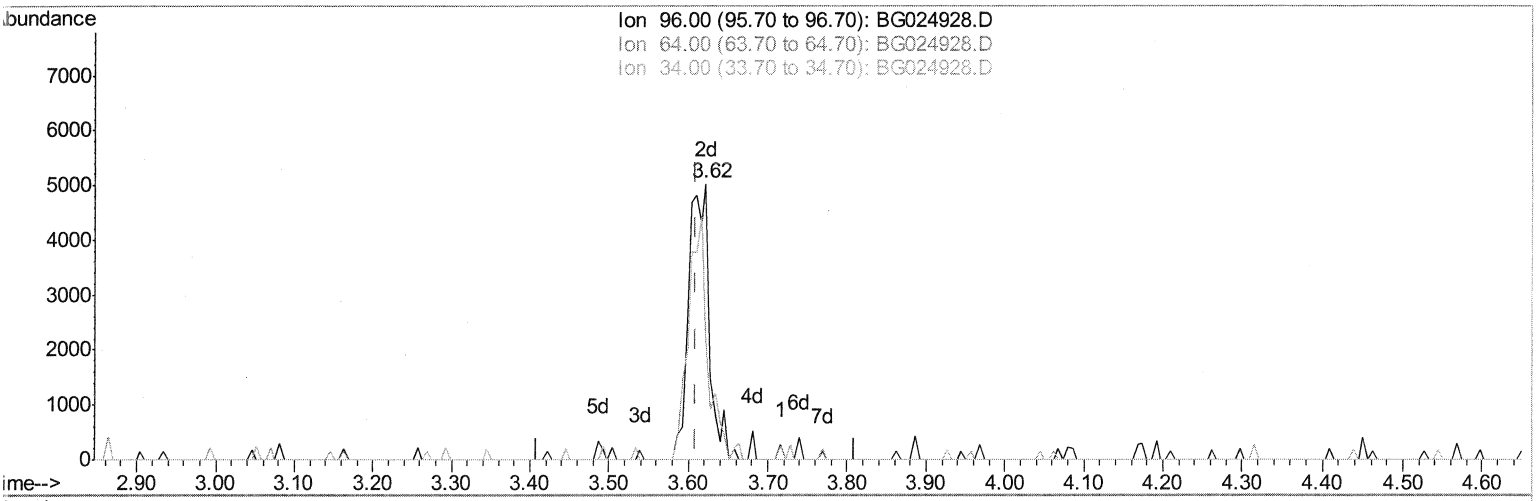

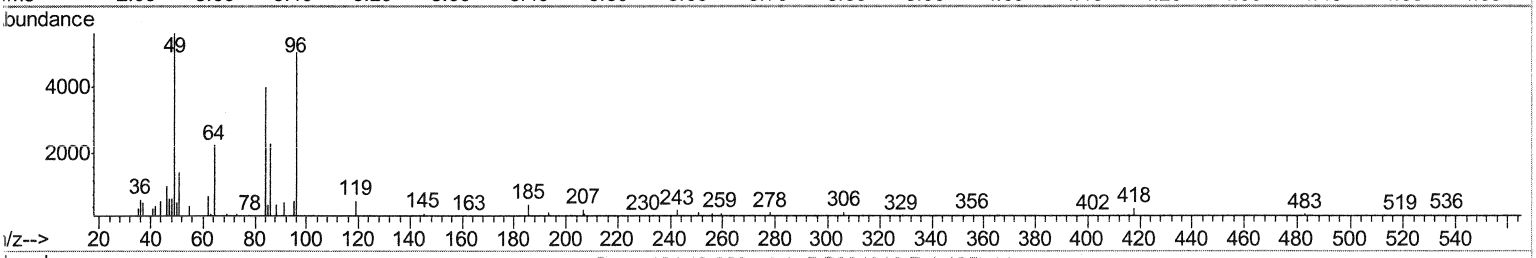

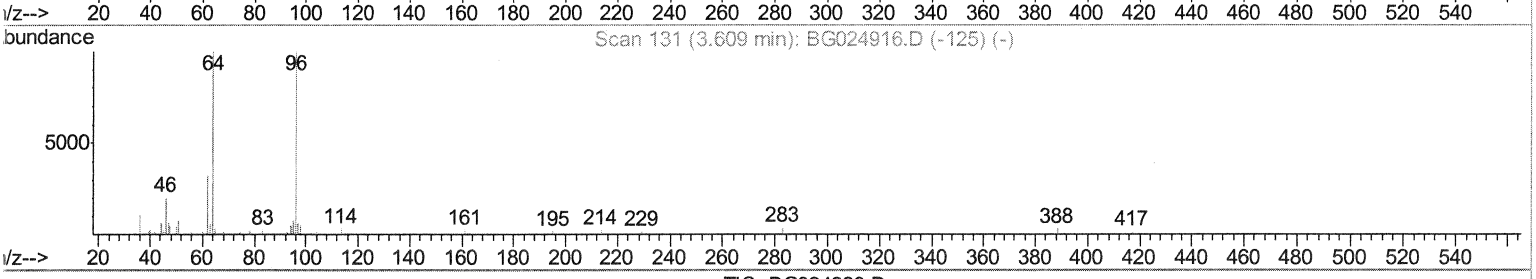

TIC: BG024928.D

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

3.622min (+0.013) 4.59ng/uL m UM 11/28/16

response 9209

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	45.01#
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
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Quant Time: Nov 24 06:11:07 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WD7MSD

Manual Integrations APPROVED
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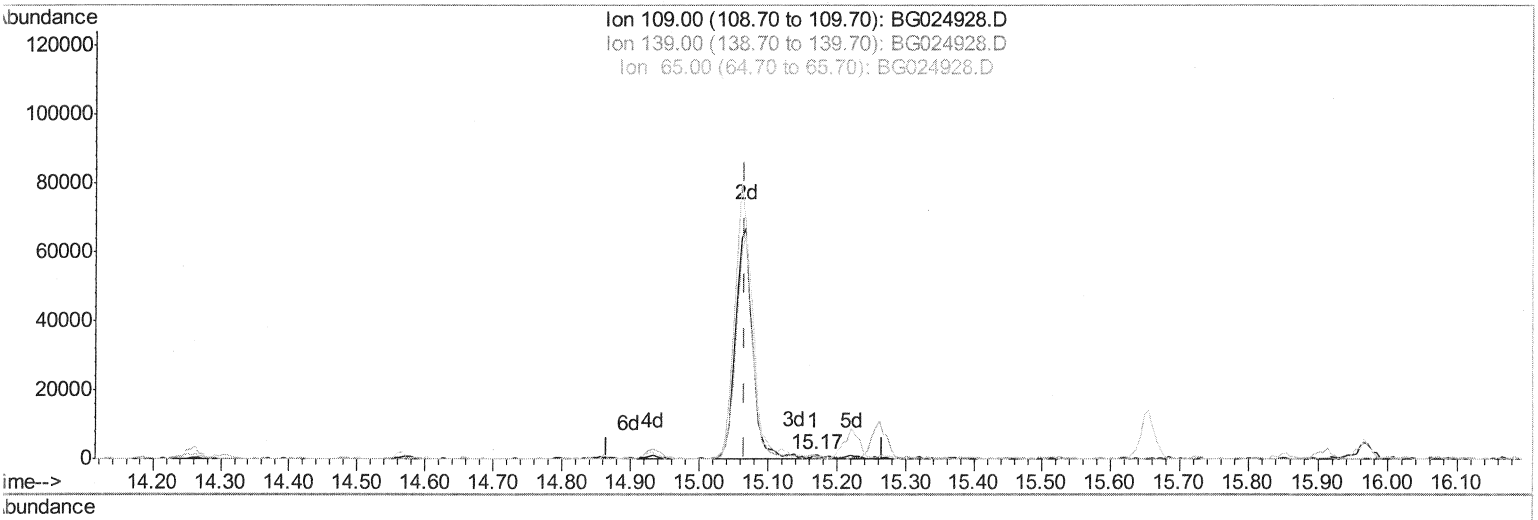

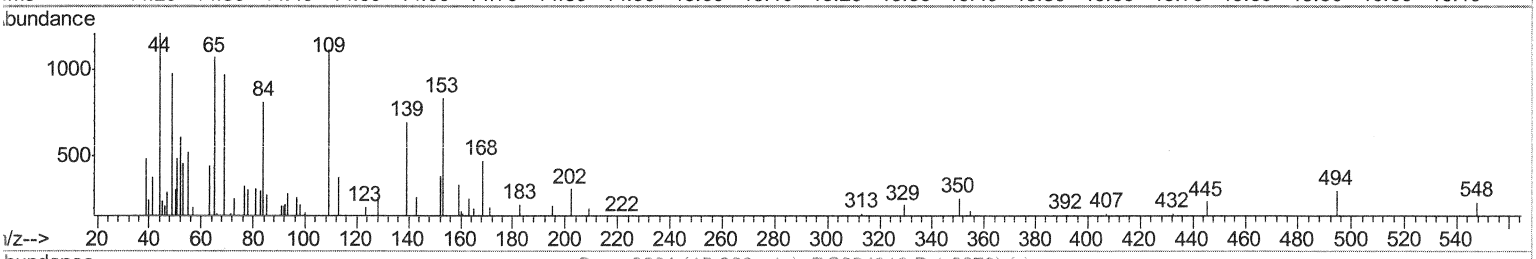

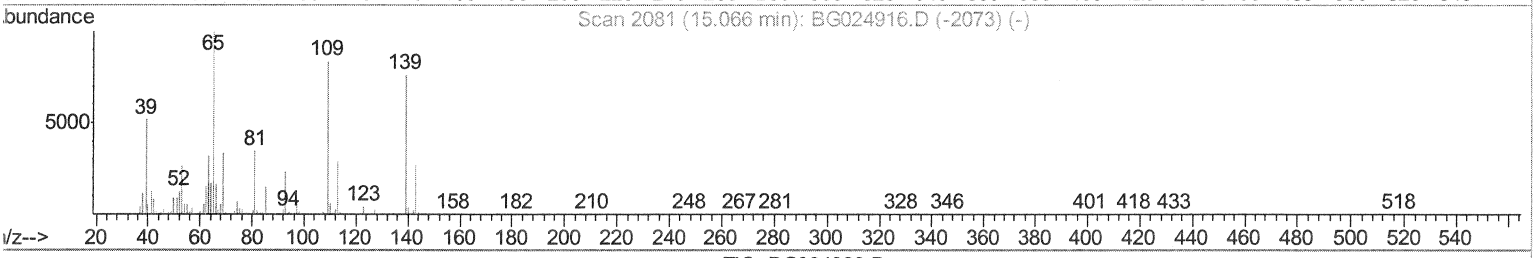

TIC: BG024928.D

(52) 4-Nitrophenol

15.167min (+0.101) 0.24ng/ul

response 1269

Ion	Exp%	Act%
109.00	100	100
139.00	78.20	62.59
65.00	113.00	96.40
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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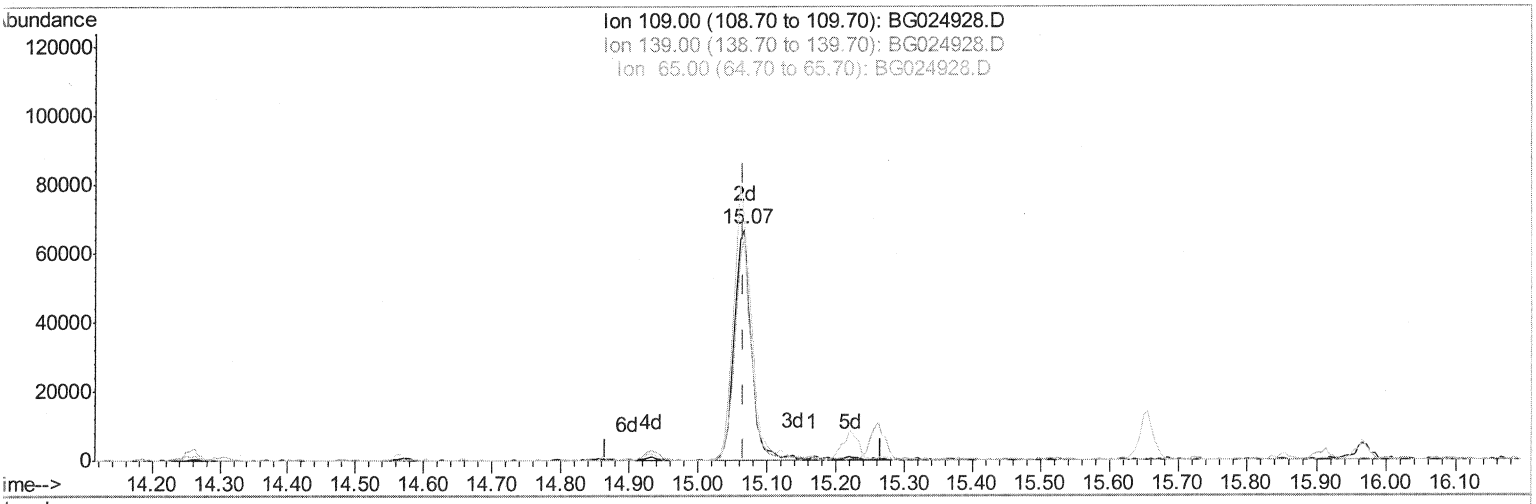

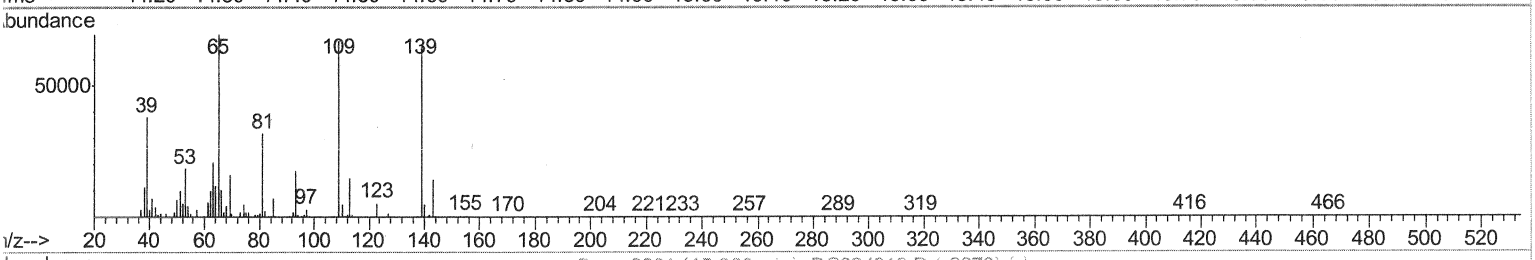

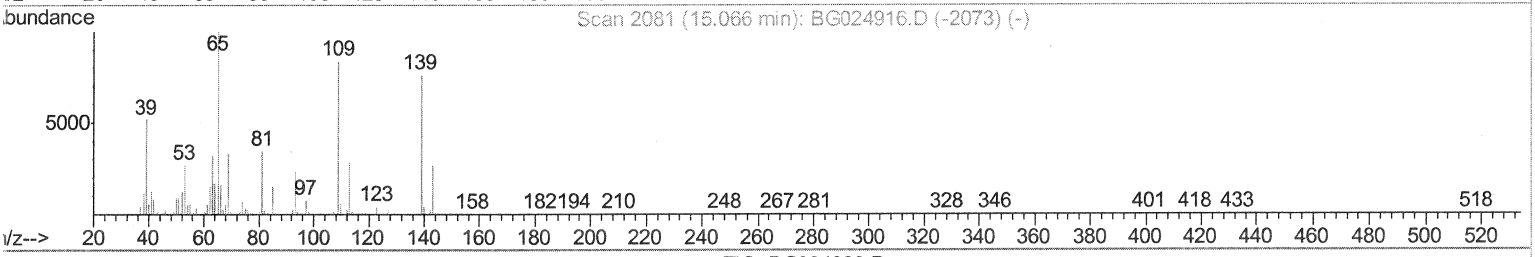

TIC: BG024928.D

(52) 4-Nitrophenol

15.067min (+0.001) 21.70ng/ul m UM

response 115063 11/28/16

Ion	Exp%	Act%
109.00	100	100
139.00	78.20	96.34#
65.00	113.00	103.25
0.00	0.00	0.00

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ClientSampleId : A4WD7MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.25	152	95138	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.08	136	420615	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.87	164	351398	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.61	188	780486	20.00	ng/ul	0.00	
75) Chrysene-d12	21.90	240	969736	20.00	ng/ul	0.00	
83) Perylene-d12	25.32	264	1001461	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.62	96	9209m	4.59	ng/uL	0.01	UM 11/28/16
5) Phenol-d5	7.39	99	201429	22.61	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	125151	23.22	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.78	132	137050	22.11	ng/ul	0.00	
13) 4-Methylphenol-d8	8.94	113	150191	19.84	ng/ul	0.00	
19) Nitrobenzene-d5	9.43	128	72435	21.85	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.15	143	84830	21.91	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.68	165	163817	20.96	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.21	131	159798	18.50	ng/ul	0.00	
43) Dimethylphthalate-d6	14.26	166	573767	22.21	ng/ul	0.00	
46) Acenaphthylene-d8	14.57	160	638206	22.45	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.05	143	81879	18.01	ng/ul	0.00	
57) Fluorene-d10	15.85	176	532691	22.30	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.97	200	88199	15.92	ng/ul	0.00	
70) Anthracene-d10	17.71	188	789444	22.23	ng/ul	0.00	
76) Pyrene-d10	19.98	212	948902	21.97	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.08	264	984967	22.12	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	7.42	94	284327	31.36	ng/ul	96	
10) 2-Chlorophenol	7.81	128	160732	26.61	ng/ul	91	
15) N-Nitroso-di-n-propylamine	9.04	70	183022	28.11	ng/ul#	86	
28) Naphthalene	11.13	128	31745	1.55	ng/ul#	88	
33) 4-Chloro-3-methylphenol	12.32	107	239772	25.20	ng/ul	99	
44) Dimethylphthalate	14.31	163	92643	3.66	ng/ul#	93	
49) Acenaphthene	14.93	153	553577	29.28	ng/ul	98	
52) 4-Nitrophenol	15.07	109	115063m	21.70	ng/ul		UM 11/28/16
53) Dibenzofuran	15.26	168	33762	1.15	ng/ul	93	
54) 2,4-Dinitrotoluene	15.23	165	223162	27.35	ng/ul#	86	
56) Diethylphthalate	15.65	149	177642	6.86	ng/ul	96	
58) Fluorene	15.91	166	42108	1.75	ng/ul	94	
68) Pentachlorophenol	17.25	266	176948	28.01	ng/ul	91	
69) Phenanthrene	17.65	178	543279	13.53	ng/ul	98	
71) Anthracene	17.74	178	148242	3.59	ng/ul	95	
72) Carbazole	18.01	167	59544	1.74	ng/ul	96	
74) Fluoranthene	19.64	202	721112	15.57	ng/ul	100	
77) Pyrene	20.01	202	1846375	36.74	ng/ul	99	
80) Benzo(a)anthracene	21.88	228	411488	7.72	ng/ul	99	
82) Chrysene	21.95	228	354359	7.05	ng/ul	96	
85) Benzo(b)fluoranthene	24.23	252	415630	7.78	ng/ul#	99	
86) Benzo(k)fluoranthene	24.29	252	146868	2.87	ng/ul#	95	
88) Benzo(a)pyrene	25.16	252	310975	5.99	ng/ul	98	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	29.24	276	199710	3.14	ng/ul	94
90) Dibenzo(a,h)anthracene	29.29	278	60370	1.14	ng/ul#	90
91) Benzo(g,h,i)perylene	30.47	276	156362	2.98	ng/ul	96

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