

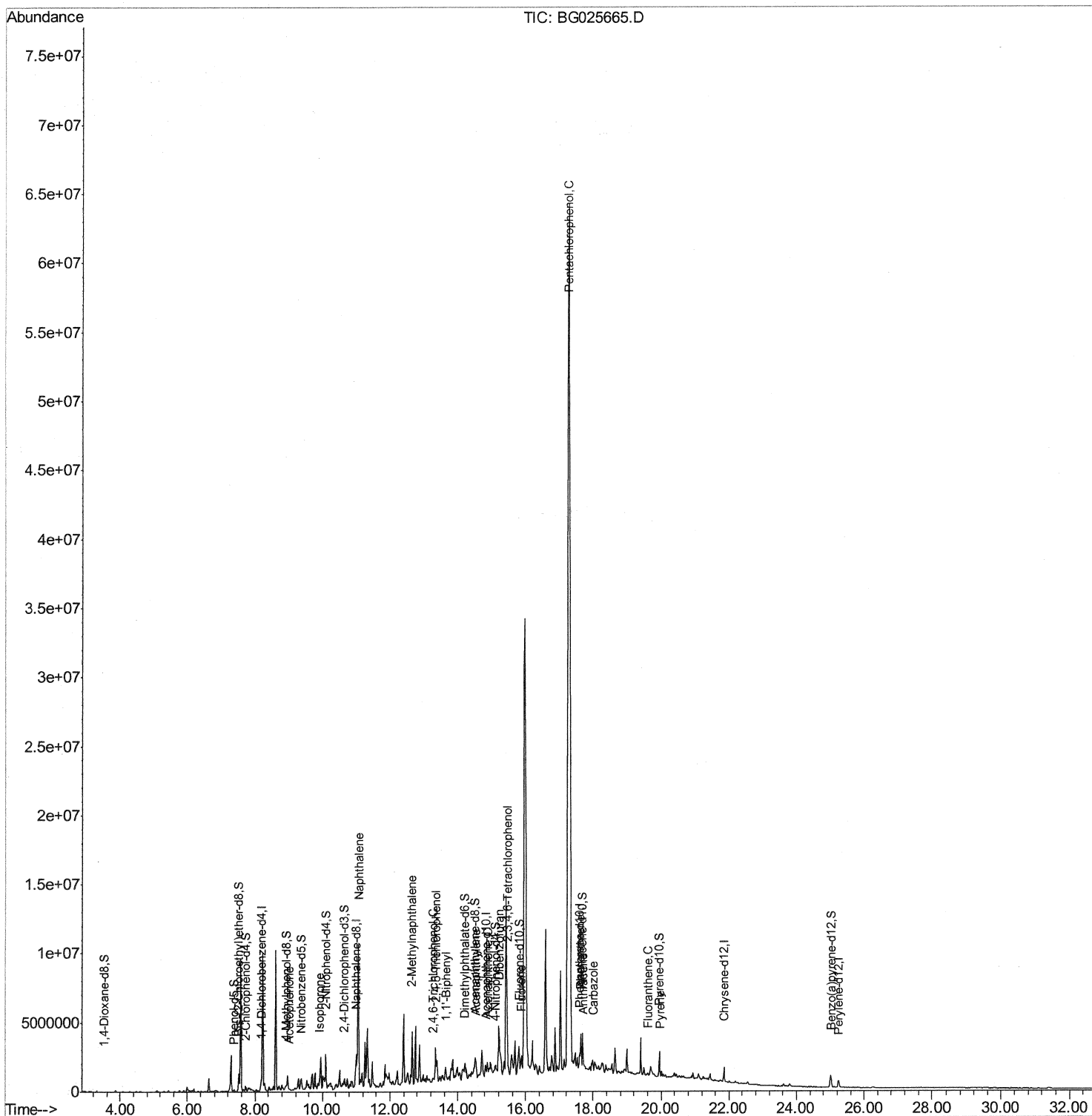
Data Path : Z:\HPCHEM1\BNA_G\Data\BG012617\
Data File : BG025665.D
Acq On : 26 Jan 2017 13:55
Operator : SJ/MA
Sample : I1387-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA9R8

Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:26 PM

Quant Time: Jan 27 10:15:14 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration



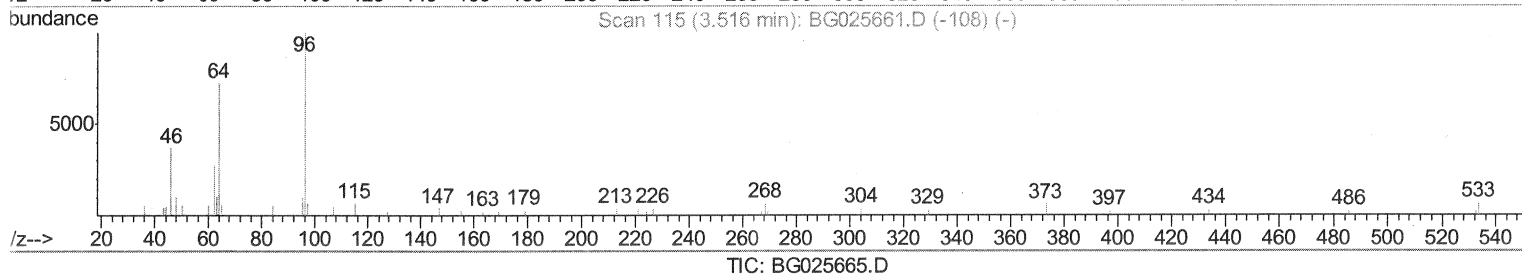
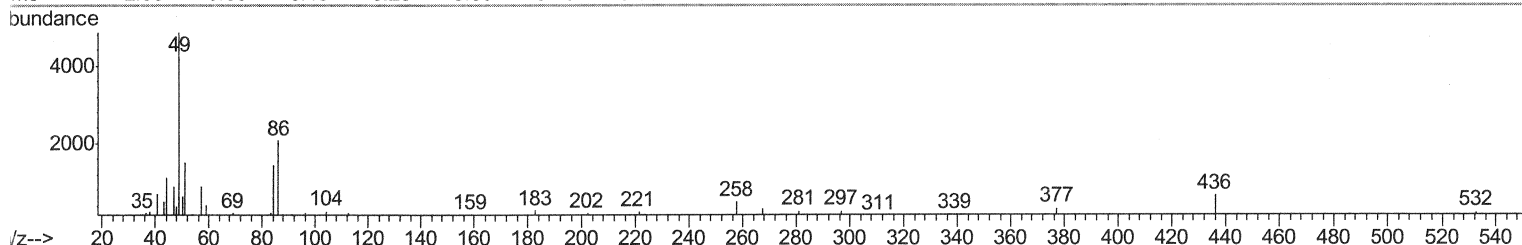
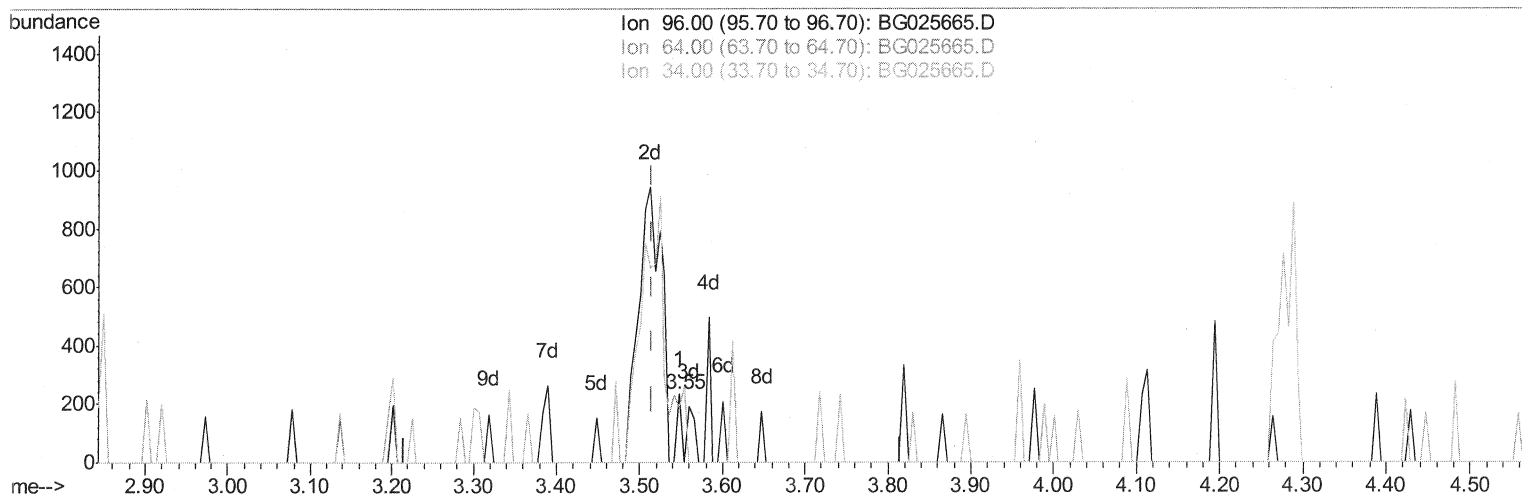
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Quant Time: Jan 27 03:36:57 2017
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(3) 1,4-Dioxane-d8 (S)

3.548min (+0.032) 0.05ng/uL

response 83

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	80.43
34.00	0.00	0.00
0.00	0.00	0.00

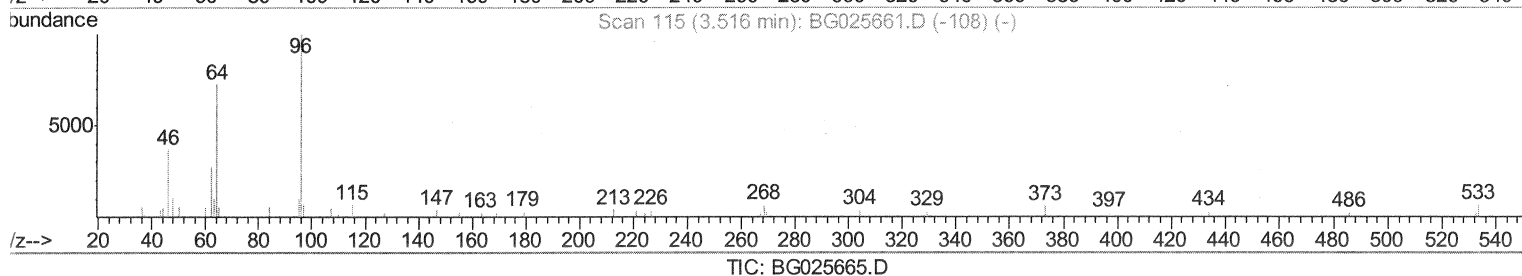
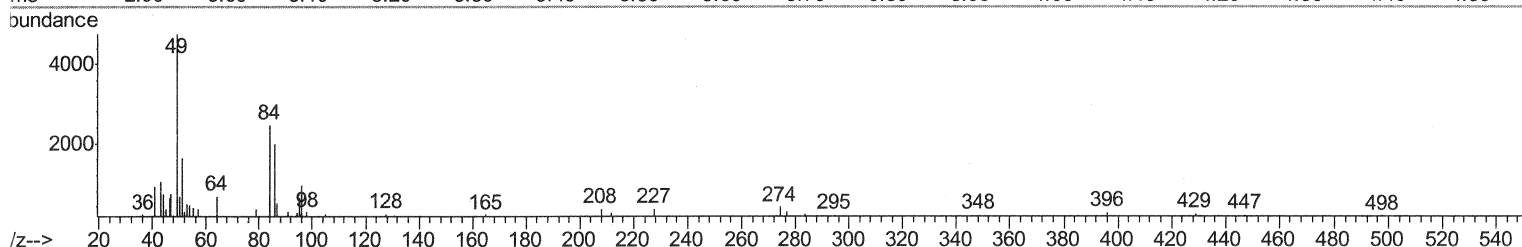
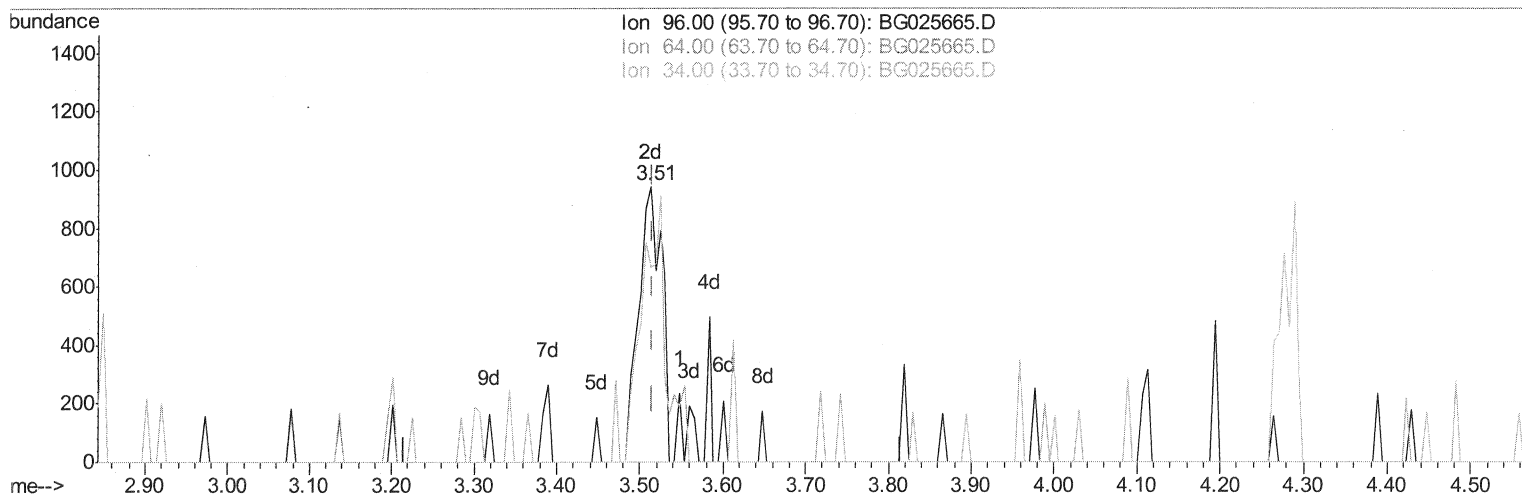
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(3) 1,4-Dioxane-d8 (S)

3.513min (-0.003) 1.16ng/uL m

SJ 1/27/17

response 1832

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	70.34#
34.00	0.00	0.00
0.00	0.00	0.00

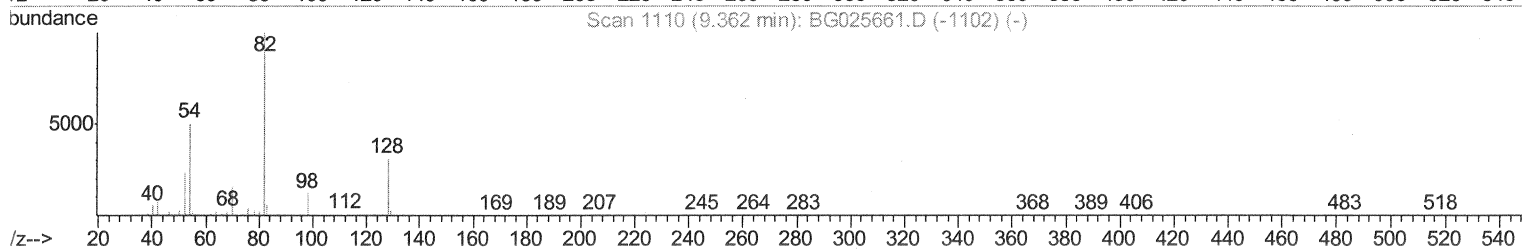
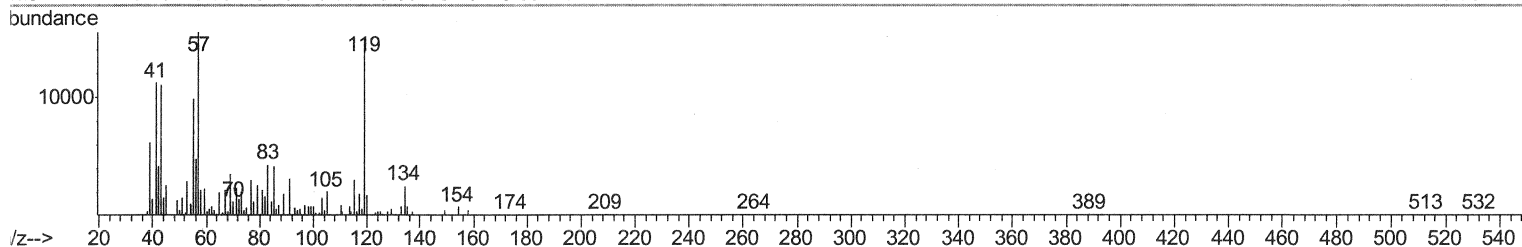
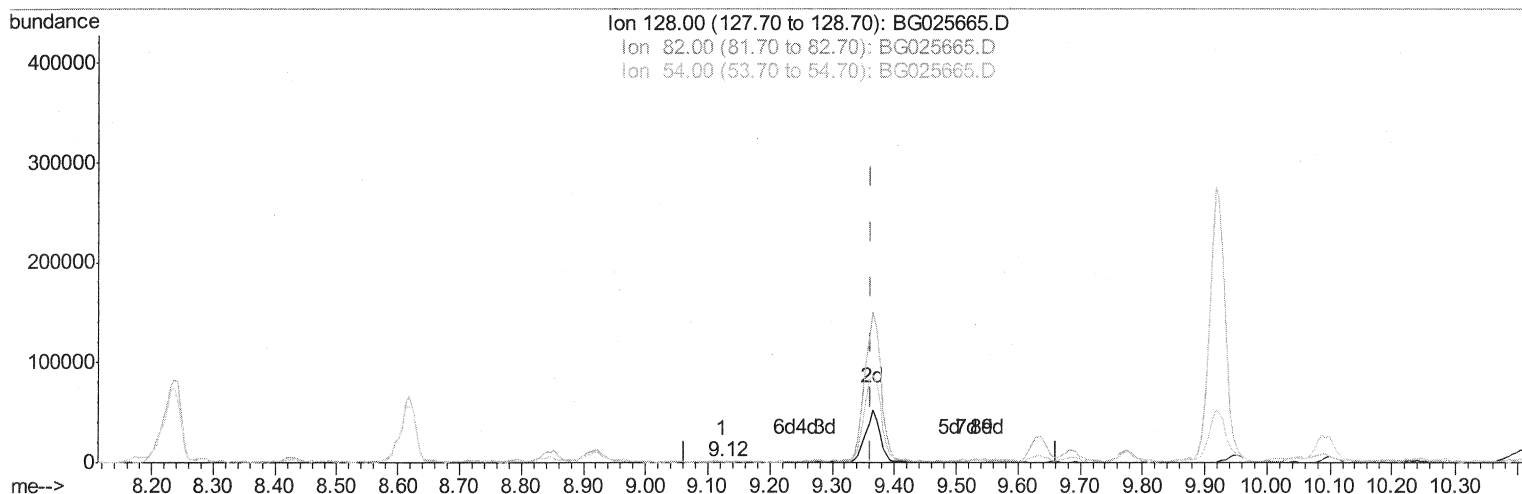
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TIC: BG025665.D

(19) Nitrobenzene-d5 (S)

9.124min (-0.238) 0.15ng/ul

response 403

Ion	Exp%	Act%
128.00	100	100
82.00	354.30	378.22
54.00	219.20	238.22
0.00	0.00	0.00

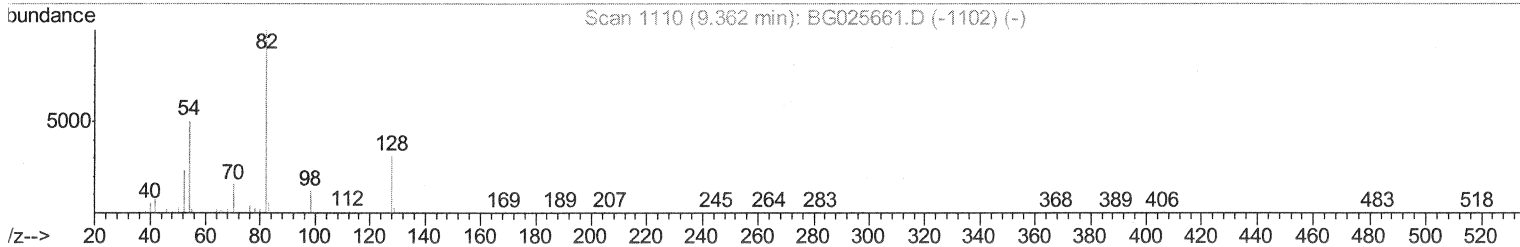
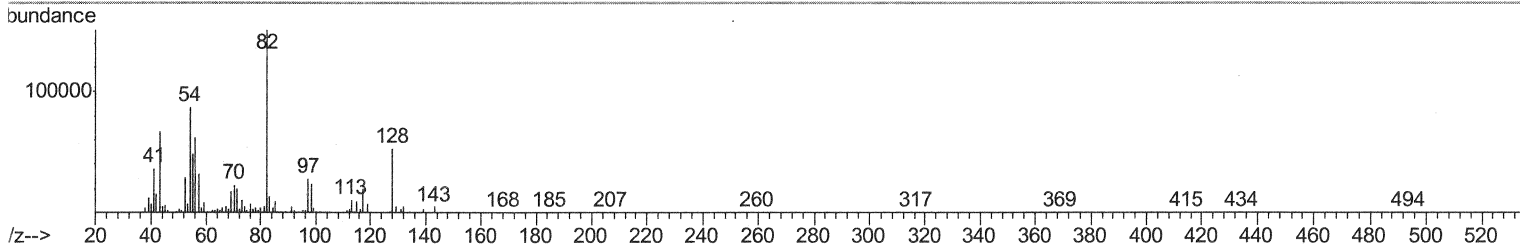
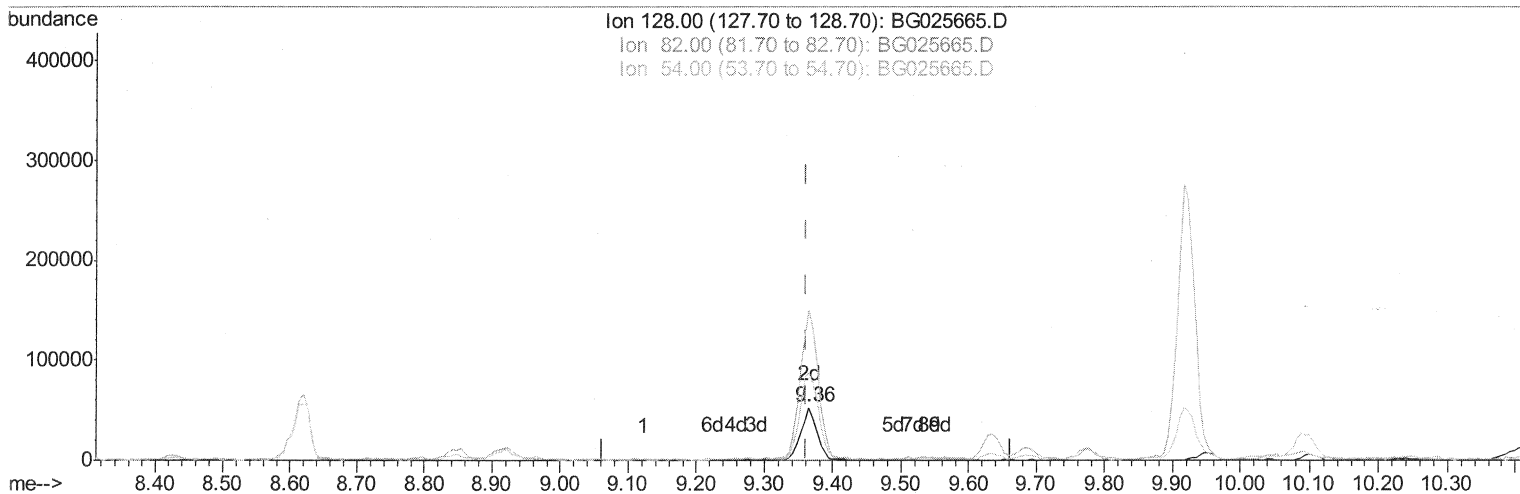
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 Data File : BG025665.D
 Acq On : 26 Jan 2017 13:55
 Operator : SJ/MA
 Sample : I1387-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9R8

Manual Integrations
 APPROVED

mohammad
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TIC: BG025665.D

(19) Nitrobenzene-d5 (S)

9.365min (+0.003) 32.64ng/ul m SJ 1/27/17

response 87999

Ion	Exp%	Act%
128.00	100	100
82.00	354.30	285.46
54.00	219.20	165.19#
0.00	0.00	0.00

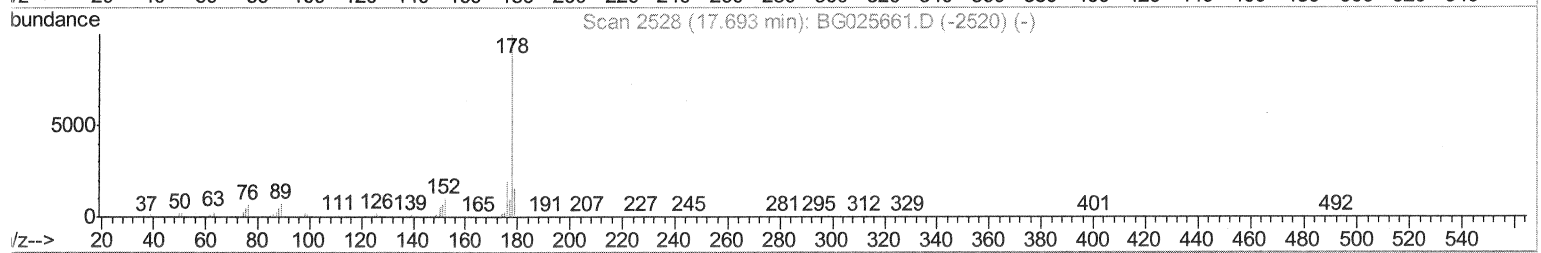
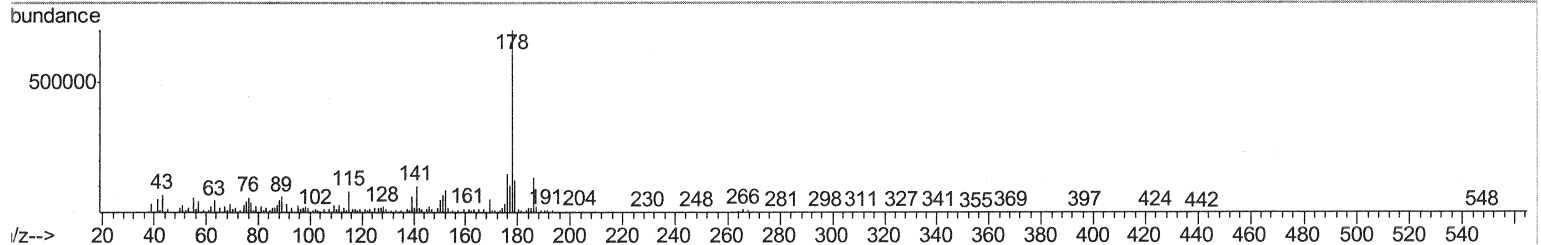
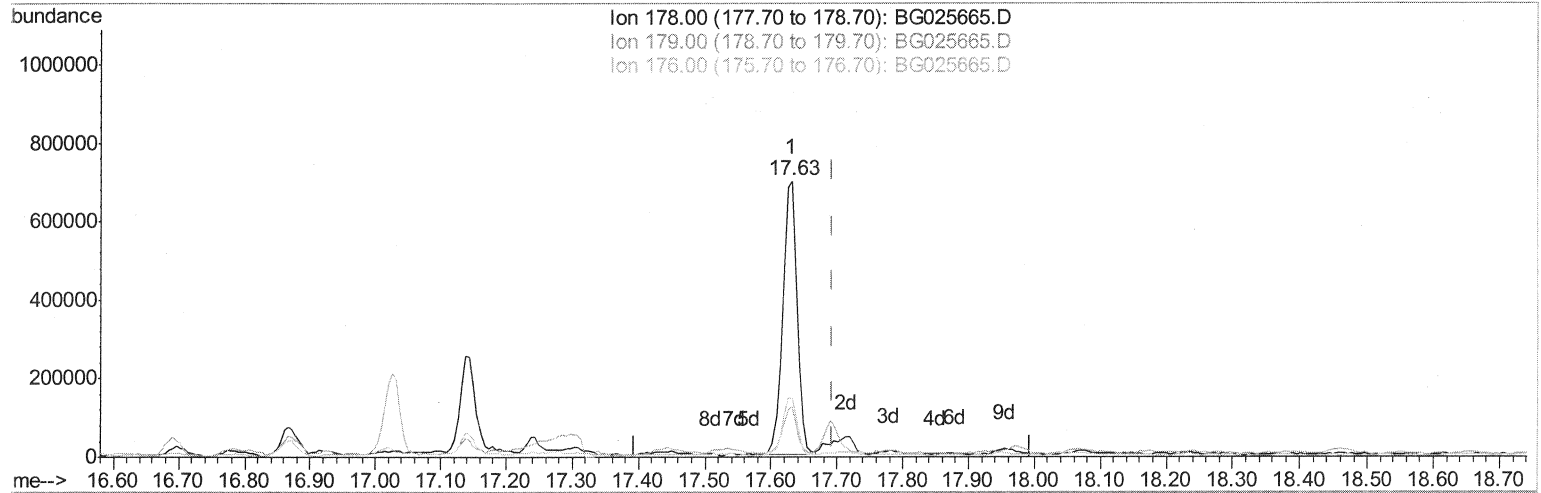
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025665.D
Acq On : 26 Jan 2017 13:55
Operator : SJ/MA
Sample : I1387-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA9R8

Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:26 PM

Quant Time: Jan 27 03:57:59 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
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TIC: BG025665.D

(71) Anthracene

17.631min (-0.062) 38.77ng/ul

response 1066531

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.02
176.00	19.90	21.30
0.00	0.00	0.00

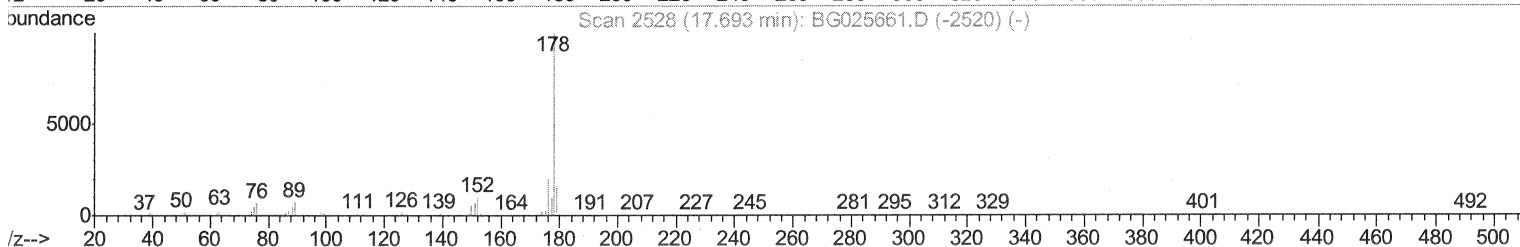
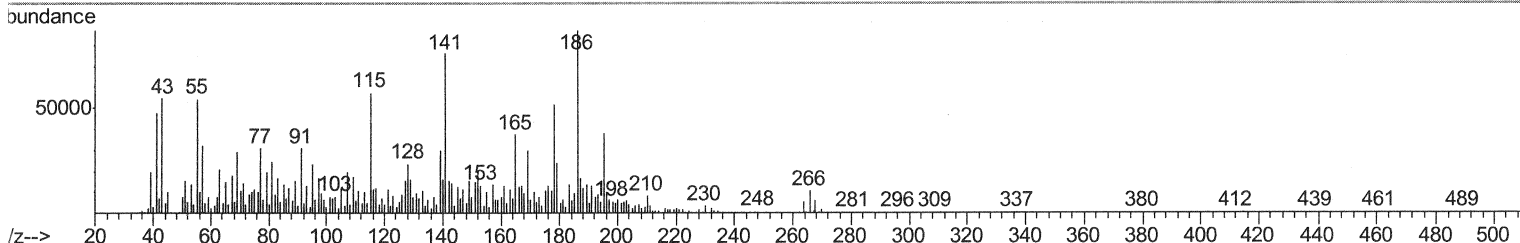
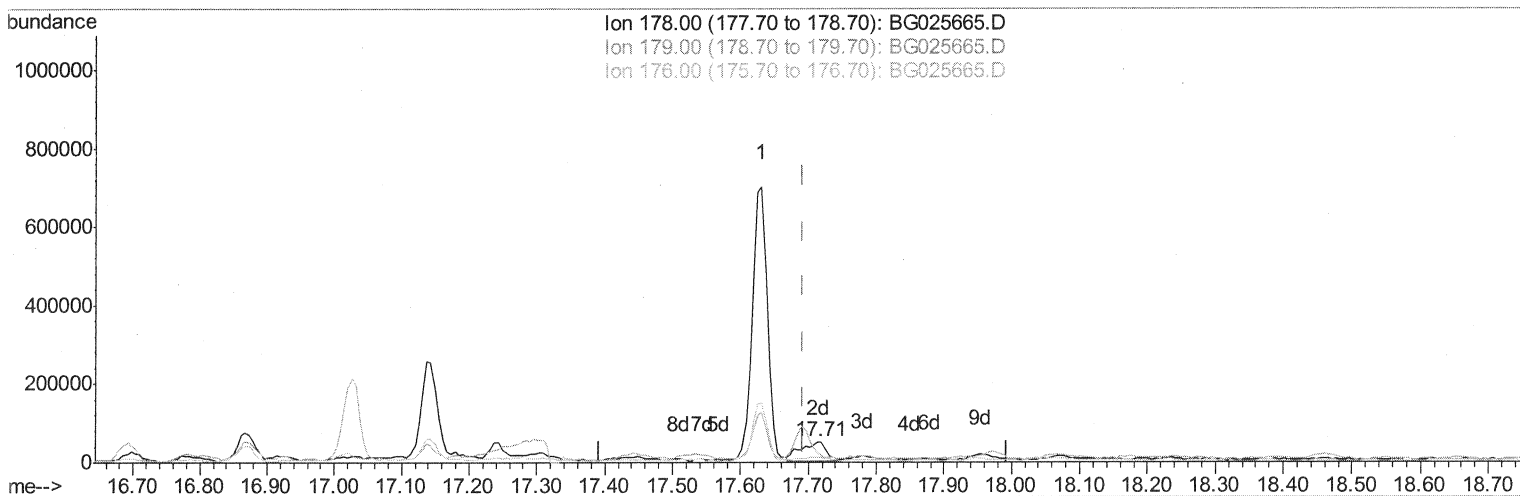
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
 Data File : BG025665.D
 Acq On : 26 Jan 2017 13:55
 Operator : SJ/MA
 Sample : I1387-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG025665.D

(71) Anthracene

17.714min (+0.020) 4.71ng/ul m

SJ 1/27/17

response 129585

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	46.85#
176.00	19.90	25.81#
0.00	0.00	0.00

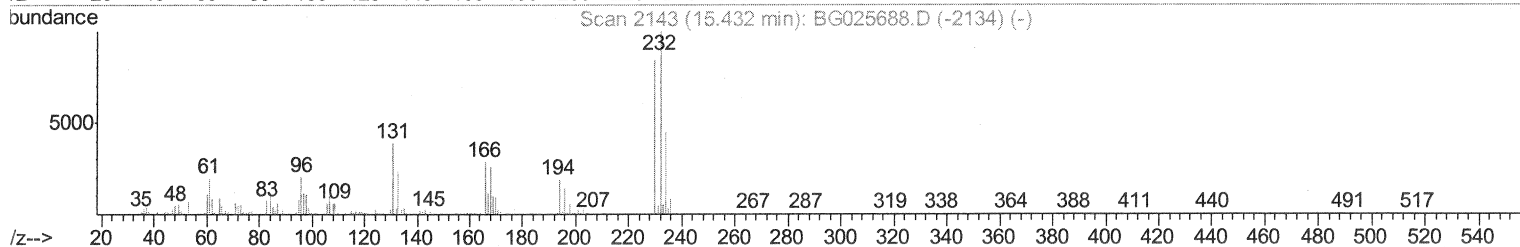
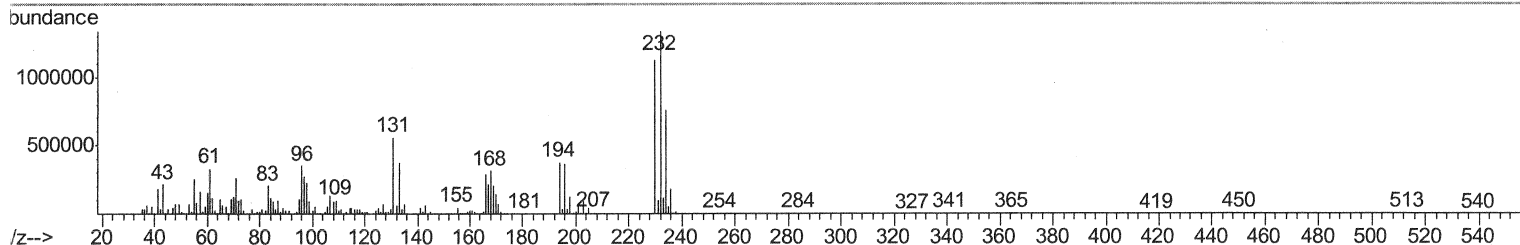
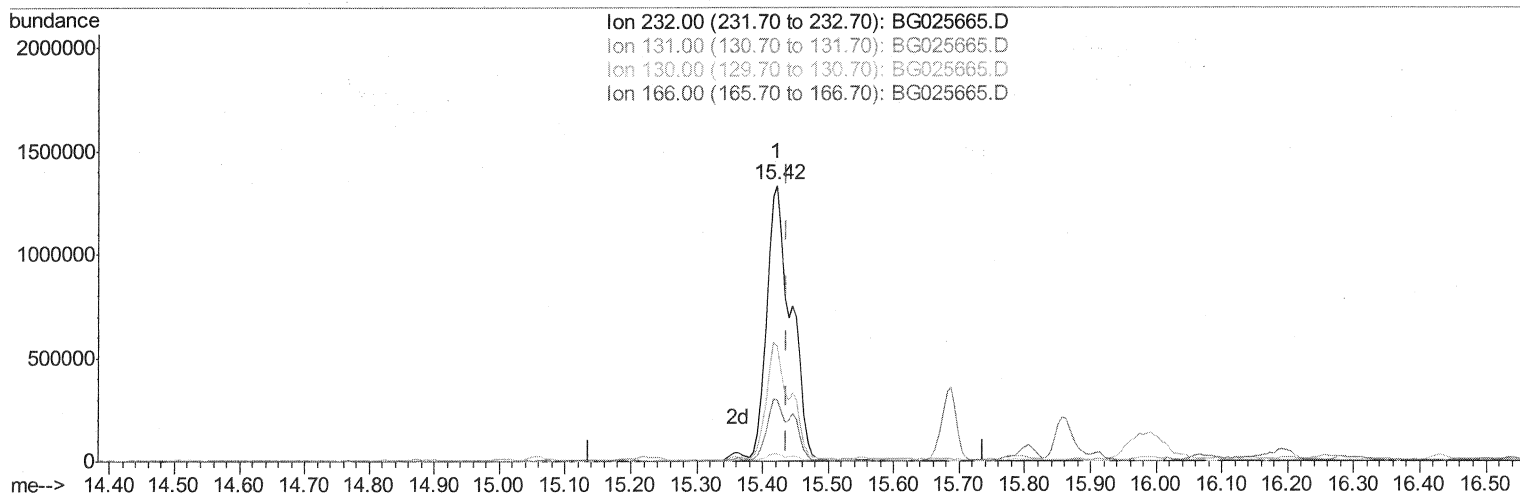
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Sample : I1387-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

mohammad
1/27/2017 3:05:26 PM

Quant Time: Jan 27 03:58:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
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TIC: BG025665.D

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

15.422min (-0.015) 588.10ng/ul

response 3403857

Ion	Exp%	Act%
232.00	100	100
131.00	41.60	42.00
130.00	2.20	2.57
166.00	27.40	22.10

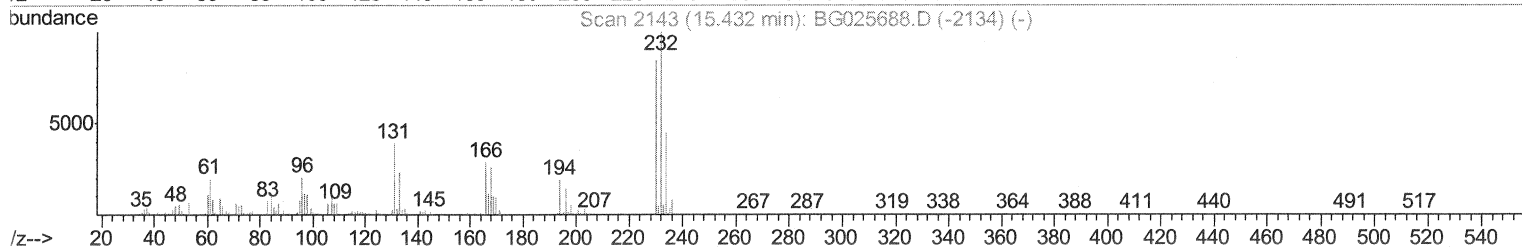
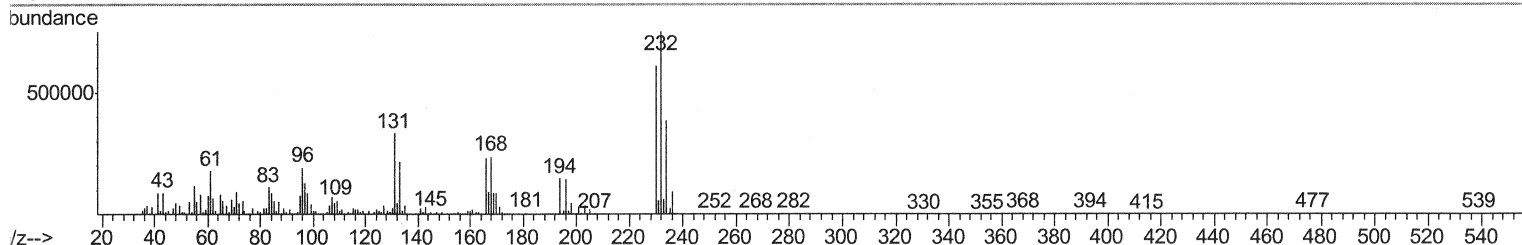
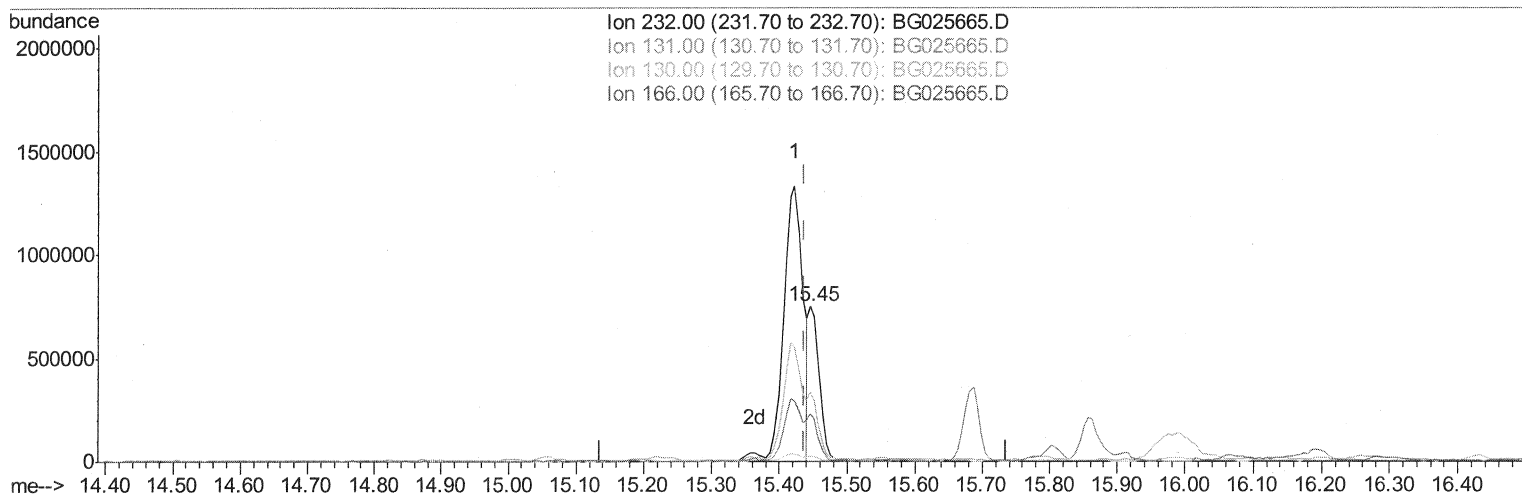
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 Data File : BG025665.D
 Acq On : 26 Jan 2017 13:55
 Operator : SJ/MA
 Sample : I1387-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

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

15.446min (+0.009) 142.44ng/ul m SJ 1/27/17

response 824429

Ion	Exp%	Act%
232.00	100	100
131.00	41.60	44.44
130.00	2.20	3.39#
166.00	27.40	30.57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	79009	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	380372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	286131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	562950	20.00	ng/ul	0.03
75) Chrysene-d12	21.86	240	659658	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	617471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	1832m)	1.16	ng/uL	0.00
5) Phenol-d5	7.38	99	46416	6.85	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.50	67	163416	37.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	134539	28.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.92	113	94367	16.39	ng/ul	0.02
19) Nitrobenzene-d5	9.36	128	87999m)	32.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	165094	51.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	187484	29.54	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.21	166	472991	23.41	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	750972	34.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	31200	11.27	ng/ul	0.05
57) Fluorene-d10	15.80	176	602123	31.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	845130	35.26	ng/ul	0.03
76) Pyrene-d10	19.94	212	982427	35.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	930926	35.87	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	9.02	105	35288	3.93	ng/ul	97
21) Isophorone	9.92	82	502072	30.97	ng/ul	98
28) Naphthalene	11.07	128	5967416	339.81	ng/ul#	65
34) 2-Methylnaphthalene	12.65	142	1556289	108.55	ng/ul	93
38) 2,4,6-Trichlorophenol	13.27	196	6835	1.31	ng/ul	88
39) 2,4,5-Trichlorophenol	13.35	196	672605	122.96	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	277003	15.62	ng/ul	98
47) Acenaphthylene	14.54	152	429652	20.22	ng/ul	98
49) Acenaphthene	14.88	153	388222	25.64	ng/ul	95
53) Dibenzofuran	15.21	168	786898	33.82	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.45	232	824429m)	142.44	ng/ul	
58) Fluorene	15.86	166	416095	21.90	ng/ul#	94
68) Pentachlorophenol	17.30	266	15999476	5180.56	ng/ul#	64
69) Phenanthrene	17.63	178	1066531	38.97	ng/ul	97
71) Anthracene	17.71	178	129585m)	4.71	ng/ul	
72) Carbazole	17.99	167	411111	18.02	ng/ul#	92
74) Fluoranthene	19.61	202	98402	3.05	ng/ul#	90
77) Pyrene	19.97	202	59746	1.84	ng/ul#	88

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