

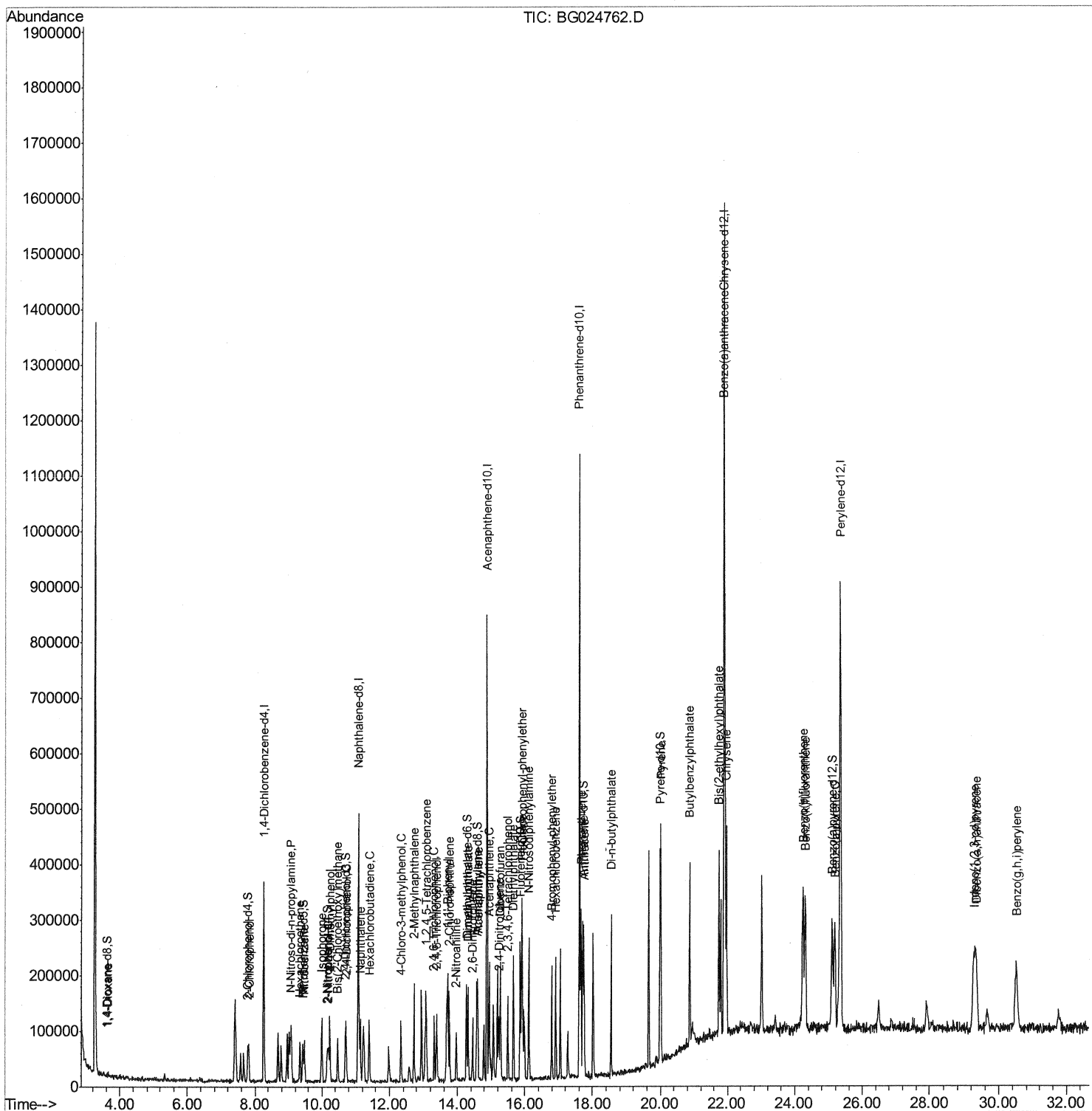
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111416\
 Data File : BG024762.D
 Acq On : 14 Nov 2016 10:30
 Operator : UM/SJ
 Sample : SSTD00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SSTD00501

Manual Integrations
 APPROVED

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 11/15/2016 2:58:56 PM

Quant Time: Nov 14 13:37:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 14 12:59:58 2016
 Response via : Initial Calibration



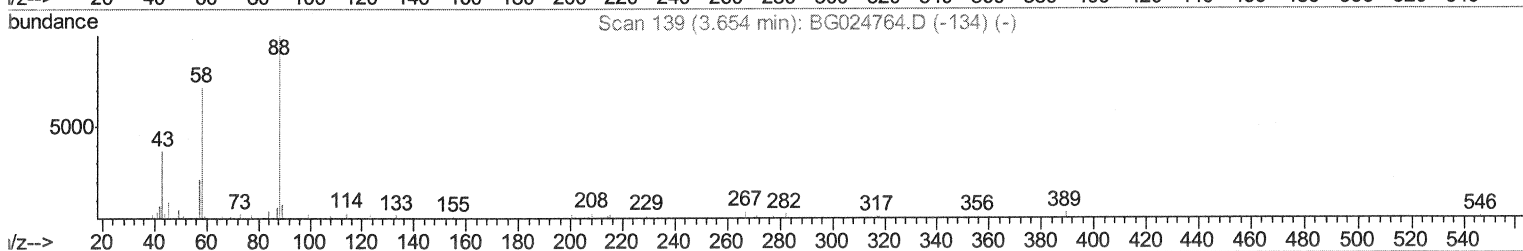
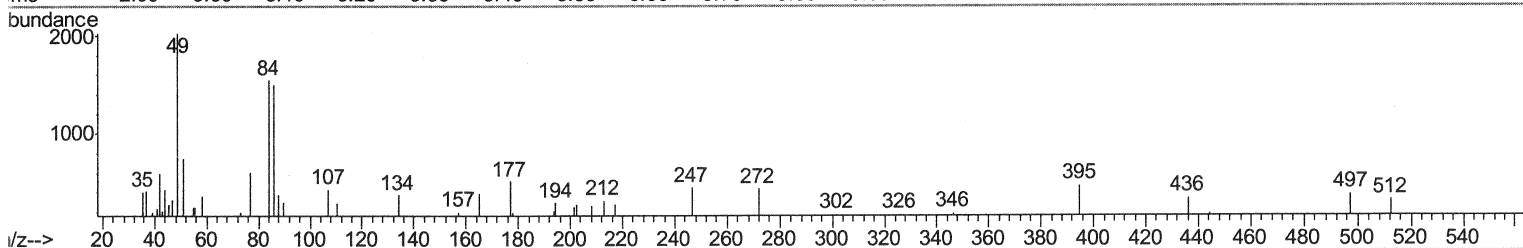
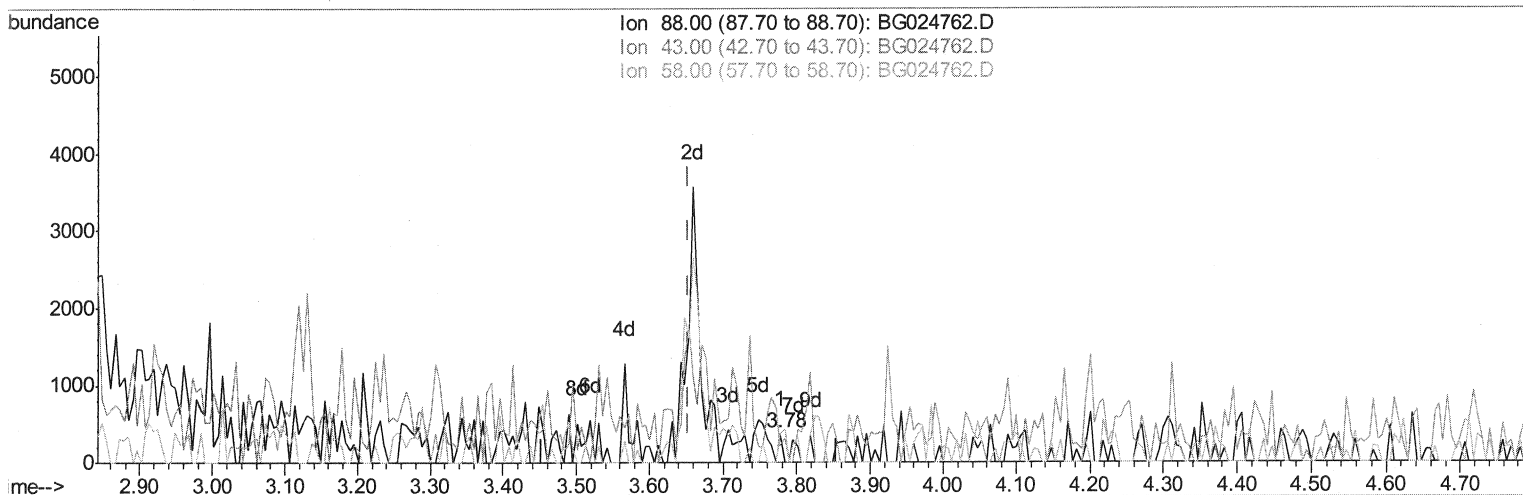
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TIC: BG024762.D

(2) 1,4-Dioxane

3.777min (+0.123) 0.06ng/uL

response 132

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	55.73
58.00	86.70	96.00
0.00	0.00	0.00

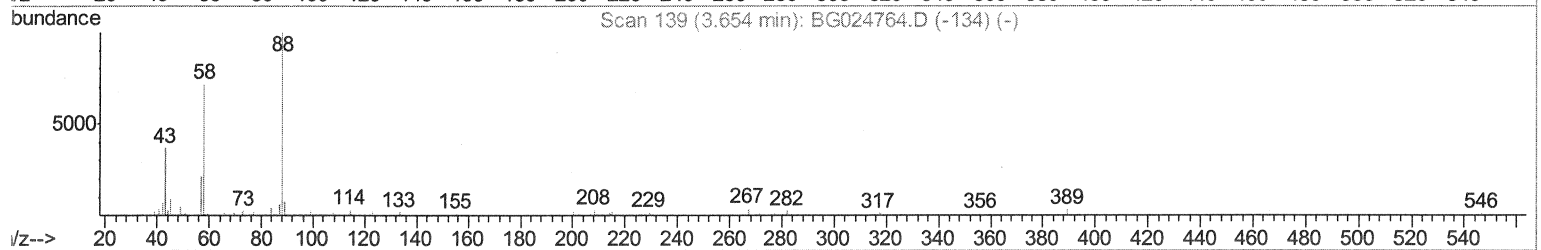
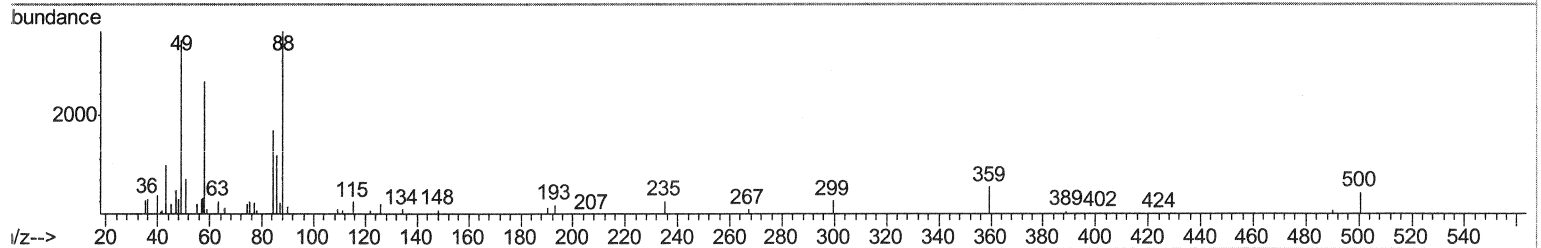
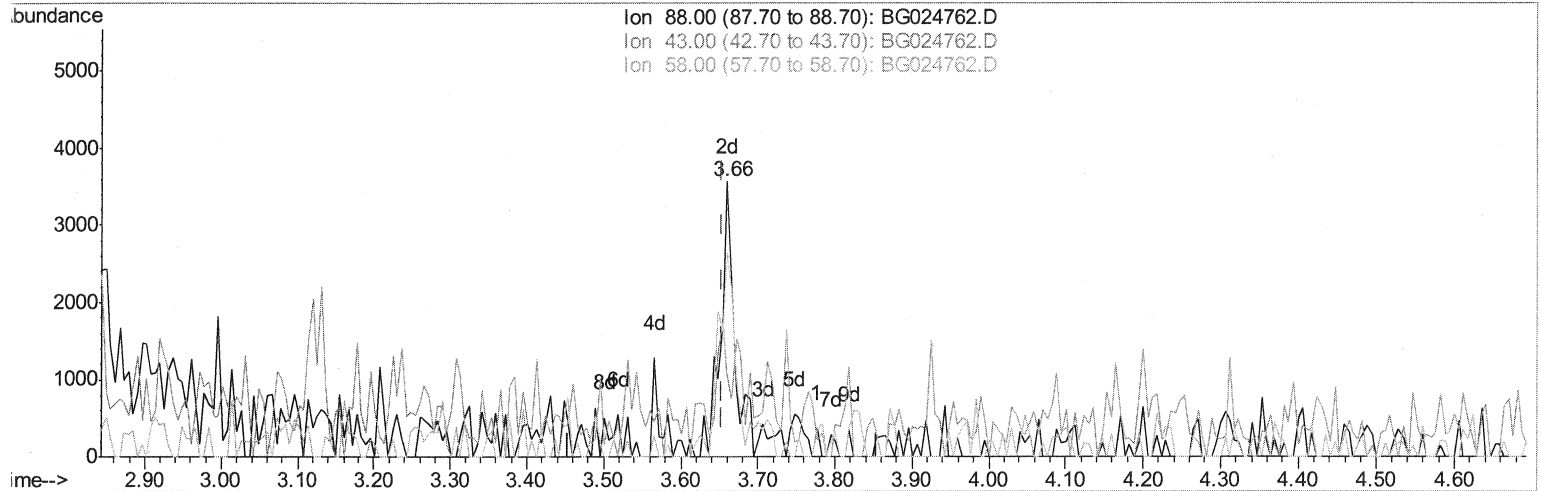
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TIC: BG024762.D

(2) 1,4-Dioxane

3.660min (+0.006) 2.25ng/uL m

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response 4676

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	30.34#
58.00	86.70	74.02
0.00	0.00	0.00

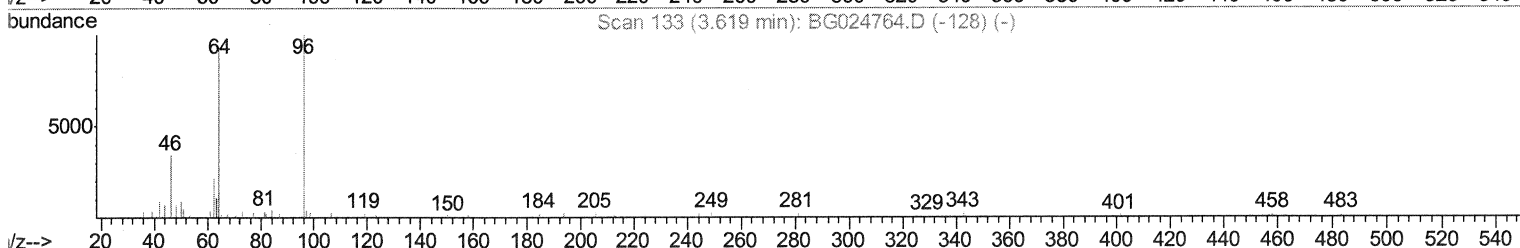
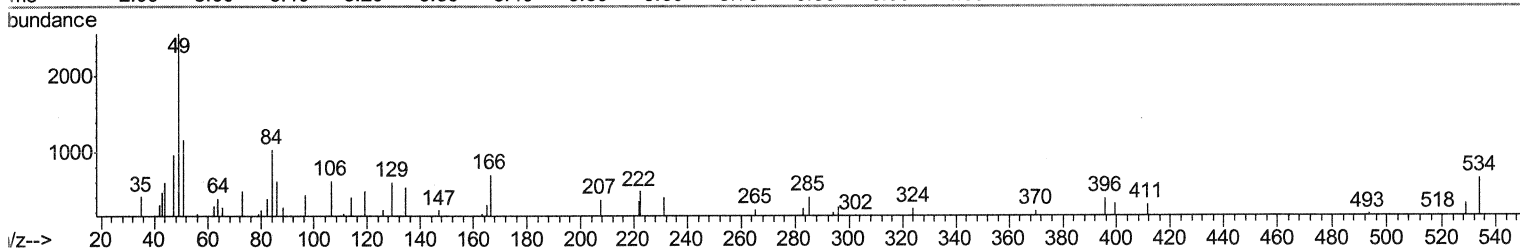
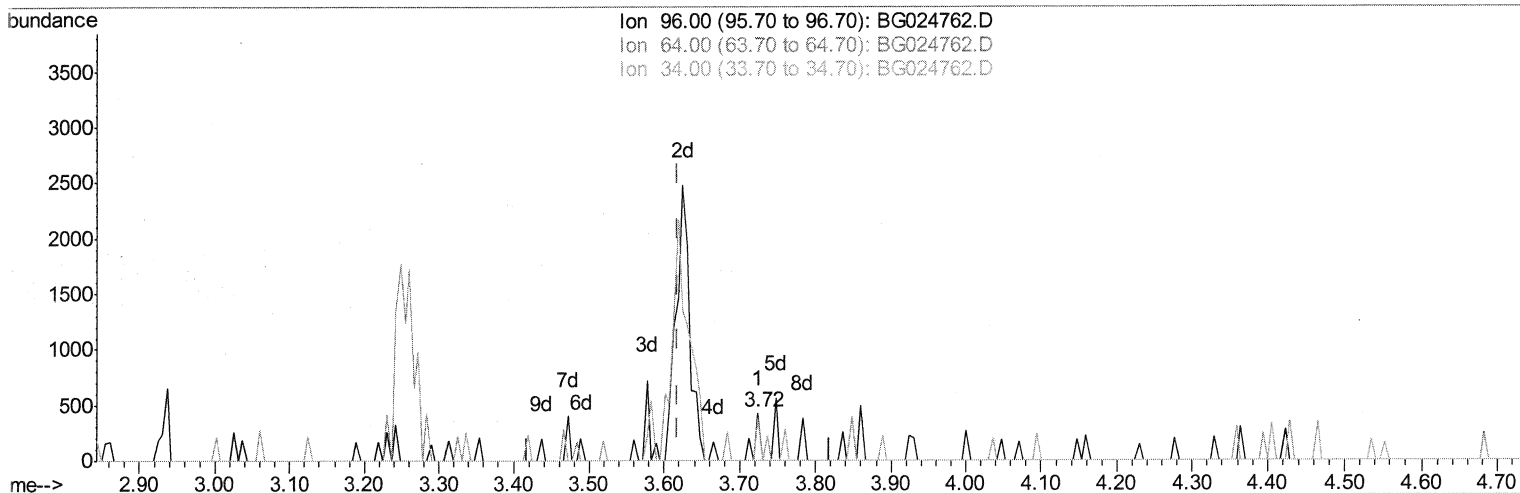
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111416\
Data File : BG024762.D
Acq On : 14 Nov 2016 10:30
Operator : UM/SJ
Sample : SST00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations
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Quant Time: Nov 14 13:32:29 2016
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TIC: BG024762.D

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

3.724min (+0.106) 0.12ng/uL

response 223

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	89.56
34.00	0.00	0.00
0.00	0.00	0.00

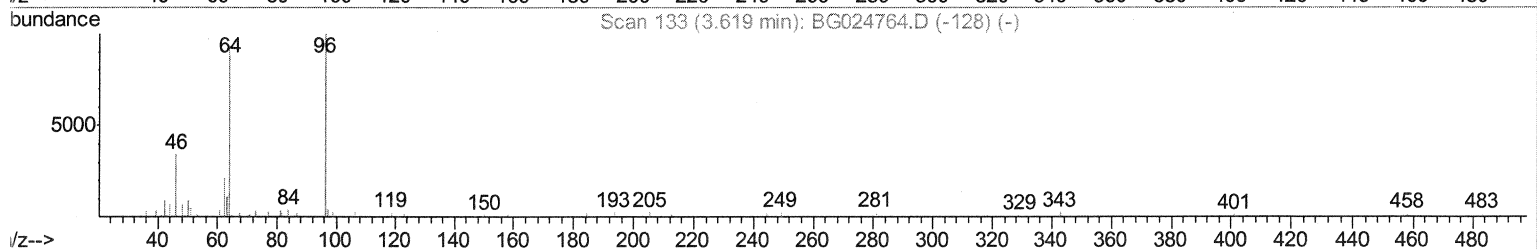
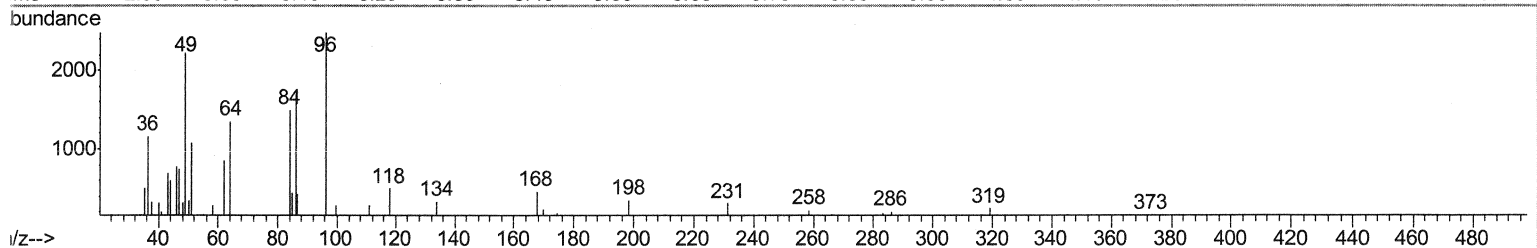
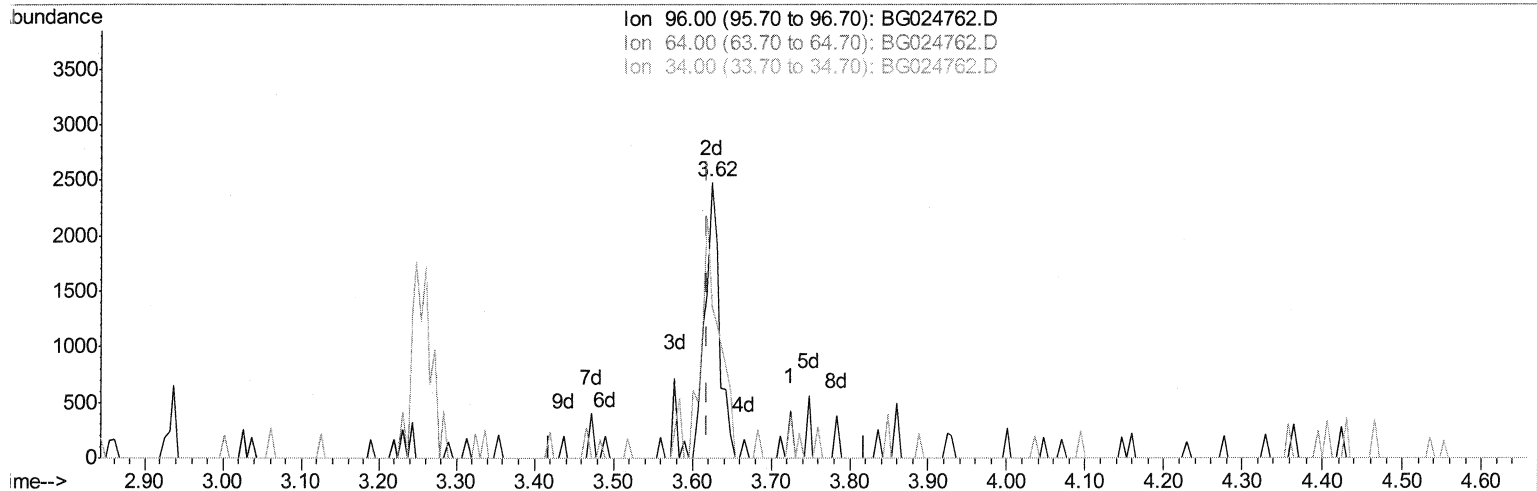
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Sample : SST00501
Misc :
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Instrument :
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Manual Integrations
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TIC: BG024762.D

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

3.624min (+0.006) 1.65ng/uL m

SJ 11/15/16

response 3163

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	54.67#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111416\
 Data File : BG024762.D
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 Operator : UM/SJ
 Sample : SST00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 SST00501

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	91213	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	382663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	323349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	724630	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	960711	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	999176	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	3163m	1.65	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.78	132	27495	4.69	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.43	128	14897	5.49	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	16075	5.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	34661	5.24	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.27	166	114069	5.05	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	129685	5.01	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.86	176	111901	5.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.72	188	162604	4.97	ng/ul	0.00
76) Pyrene-d10	19.99	212	221959	4.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	215972	4.80	ng/ul	-0.01

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Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.66	88	4676m	2.25	ng/uL	
10) 2-Chlorophenol	7.83	128	25447	4.28	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.05	70	25450	4.13	ng/ul#	98
17) Hexachloroethane	9.35	117	10645	3.88	ng/ul	86
20) Nitrobenzene	9.48	77	40846	4.75	ng/ul#	95
21) Isophorone	9.99	82	79206	5.07	ng/ul#	93
23) 2-Nitrophenol	10.19	139	15996	4.83	ng/ul#	85
24) 2,4-Dimethylphenol	10.23	107	40805	5.00	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.47	93	40442	4.72	ng/ul	91
27) 2,4-Dichlorophenol	10.72	162	29922	4.72	ng/ul	93
28) Naphthalene	11.14	128	91210	4.95	ng/ul#	93
31) Hexachlorobutadiene	11.41	225	28621	5.63	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	37295	4.80	ng/ul	92
34) 2-Methylnaphthalene	12.73	142	74703	5.10	ng/ul	89
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	52415	5.50	ng/ul	97
38) 2,4,6-Trichlorophenol	13.31	196	29192	4.72	ng/ul	97
39) 2,4,5-Trichlorophenol	13.39	196	34125	5.02	ng/ul	96
40) 1,1'-Biphenyl	13.72	154	105681	5.05	ng/ul	89
41) 2-Chloronaphthalene	13.77	162	84519	5.15	ng/ul	93
42) 2-Nitroaniline	13.97	65	28394	4.54	ng/ul#	90
44) Dimethylphthalate	14.32	163	110088	4.97	ng/ul#	94
45) 2,6-Dinitrotoluene	14.45	165	22215	5.17	ng/ul#	90
47) Acenaphthylene	14.60	152	124100	4.99	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.94	153	87236	4.90	ng/ul	96
53) Dibenzofuran	15.27	168	133970	5.12	ng/ul	90
54) 2,4-Dinitrotoluene	15.23	165	32856	5.16	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.49	232	31872	4.78	ng/ul#	95
56) Diethylphthalate	15.66	149	122458	5.25	ng/ul	97
58) Fluorene	15.92	166	110139	5.09	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.90	204	64011	5.33	ng/ul#	84
64) N-Nitrosodiphenylamine	16.12	169	99274	4.84	ng/ul	86
65) 4-Bromophenyl-phenylether	16.80	248	43915	5.23	ng/ul	93
66) Hexachlorobenzene	16.91	284	46261	4.94	ng/ul	98
69) Phenanthrene	17.66	178	187880	5.14	ng/ul	97
71) Anthracene	17.75	178	195214	5.24	ng/ul	93
73) Di-n-butylphthalate	18.55	149	204453	5.72	ng/ul	98
77) Pvrene	20.02	202	257578	5.02	ng/ul	98
78) Butylbenzylphthalate	20.87	149	101721	4.93	ng/ul	86
80) Benzo(a)anthracene	21.90	228	279357	5.24	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.76	149	137345	4.71	ng/ul	99
82) Chrysene	21.96	228	259400	5.11	ng/ul	97
85) Benzo(b)fluoranthene	24.24	252	258641	4.66	ng/ul	99
86) Benzo(k)fluoranthene	24.31	252	256810	4.81	ng/ul	96
88) Benzo(a)pyrene	25.18	252	253649	4.80	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.28	276	313208	5.00	ng/ul	98
90) Dibenzo(a,h)anthracene	29.34	278	261050	4.93	ng/ul#	95
91) Benzo(q,h,i)perylene	30.51	276	257275	4.89	ng/ul#	92

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