

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020468.D
 Acq On : 24 Dec 2015 10:10
 Operator : UM/SJ
 Sample : SST00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 12:39:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Dec 24 12:16:41 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SST00501

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.44	152	25351	4.76	ng/ul	97
50) Acenaphthene	14.78	153	17459	4.85	ng/ul	99
54) Dibenzofuran	15.11	168	26289	4.89	ng/ul	98
55) 2,4-Dinitrotoluene	15.07	165	5958	4.50	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	6144	4.64	ng/ul#	98
57) Diethylphthalate	15.52	149	22078	4.83	ng/ul	97
59) Fluorene	15.76	166	20789	4.76	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	12283	4.87	ng/ul	97
65) N-Nitrosodiphenylamine	15.96	169	18761	4.73	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	8182	4.71	ng/ul	98
67) Hexachlorobenzene	16.76	284	9494	4.80	ng/ul#	87
70) Phenanthrene	17.50	178	38926	4.78	ng/ul	96
72) Anthracene	17.59	178	39737	4.82	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	10864	4.64	ng/uL	89
74) Pentachlorobenzene	15.03	250	10317	4.73	ng/uL	98
76) Di-n-butylphthalate	18.41	149	39942	4.82	ng/ul	98
80) Pyrene	19.87	202	53659	4.91	ng/ul	98
81) Butylbenzylphthalate	20.74	149	17741	4.73	ng/ul	93
83) Benzo(a)anthracene	21.71	228	54368	4.87	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	26580	4.80	ng/ul	98
85) Chrysene	21.78	228	51842	4.82	ng/ul	97
88) Benzo(b)fluoranthene	23.95	252	51586	4.69	ng/ul	95
89) Benzo(k)fluoranthene	24.02	252	52050	4.84	ng/ul	98
91) Benzo(a)pyrene	24.84	252	50682	4.79	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.71	276	60804	4.87	ng/ul#	96
93) Dibenzo(a,h)anthracene	28.78	278	49335	4.78	ng/ul#	96
94) Benzo(g,h,i)perylene	29.88	276	49231	4.80	ng/ul	96

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	76651	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	52439	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	141204	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	186428	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	180907	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	679	4.70	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	7.62	132	5423	4.60	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	2746	4.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	2835	4.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	5784	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	21411	4.87	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	24053	4.75	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.71	176	19260	4.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.56	188	32791	4.87	ng/ul	0.00
79) Pyrene-d10	19.84	212	40001	4.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	43559	4.74	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	688	4.20	ng/uL#	86
10) 2-Chlorophenol	7.64	128	5626	4.53	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.88	70	4850	4.61	ng/ul#	98
17) Hexachloroethane	9.17	117	2484	4.68	ng/ul	95
20) Nitrobenzene	9.30	77	6998	4.70	ng/ul#	93
21) Isophorone	9.81	82	13118	4.65	ng/ul	96
23) 2-Nitrophenol	10.01	139	3218	4.61	ng/ul	94
24) 2,4-Dimethylphenol	10.06	107	6703	4.46	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.29	93	7505	4.76	ng/ul#	92
27) 2,4-Dichlorophenol	10.55	162	5994	4.52	ng/ul	95
28) Naphthalene	10.95	128	19688	4.77	ng/ul	97
31) Hexachlorobutadiene	11.22	225	5588	4.92	ng/ul	94
33) 4-Chloro-3-methylphenol	12.17	107	6121	4.42	ng/ul#	83
34) 2-Methylnaphthalene	12.54	142	14452	4.78	ng/ul	86
35) 1-Methylnaphthalene	12.77	142	13867	4.82	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	10360	4.84	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.15	196	5511	4.45	ng/ul	96
40) 2,4,5-Trichlorophenol	13.23	196	6247m →	5.61	ng/ul	
41) 1,1'-Biphenyl	13.54	154	19732	4.84	ng/ul	95
42) 2-Chloronaphthalene	13.59	162	16128	4.87	ng/ul	96
43) 2-Nitroaniline	13.80	65	3893	4.44	ng/ul	96
45) Dimethylphthalate	14.15	163	21509	4.82	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	3958	4.56	ng/ul	94

U.M
 12/25/15

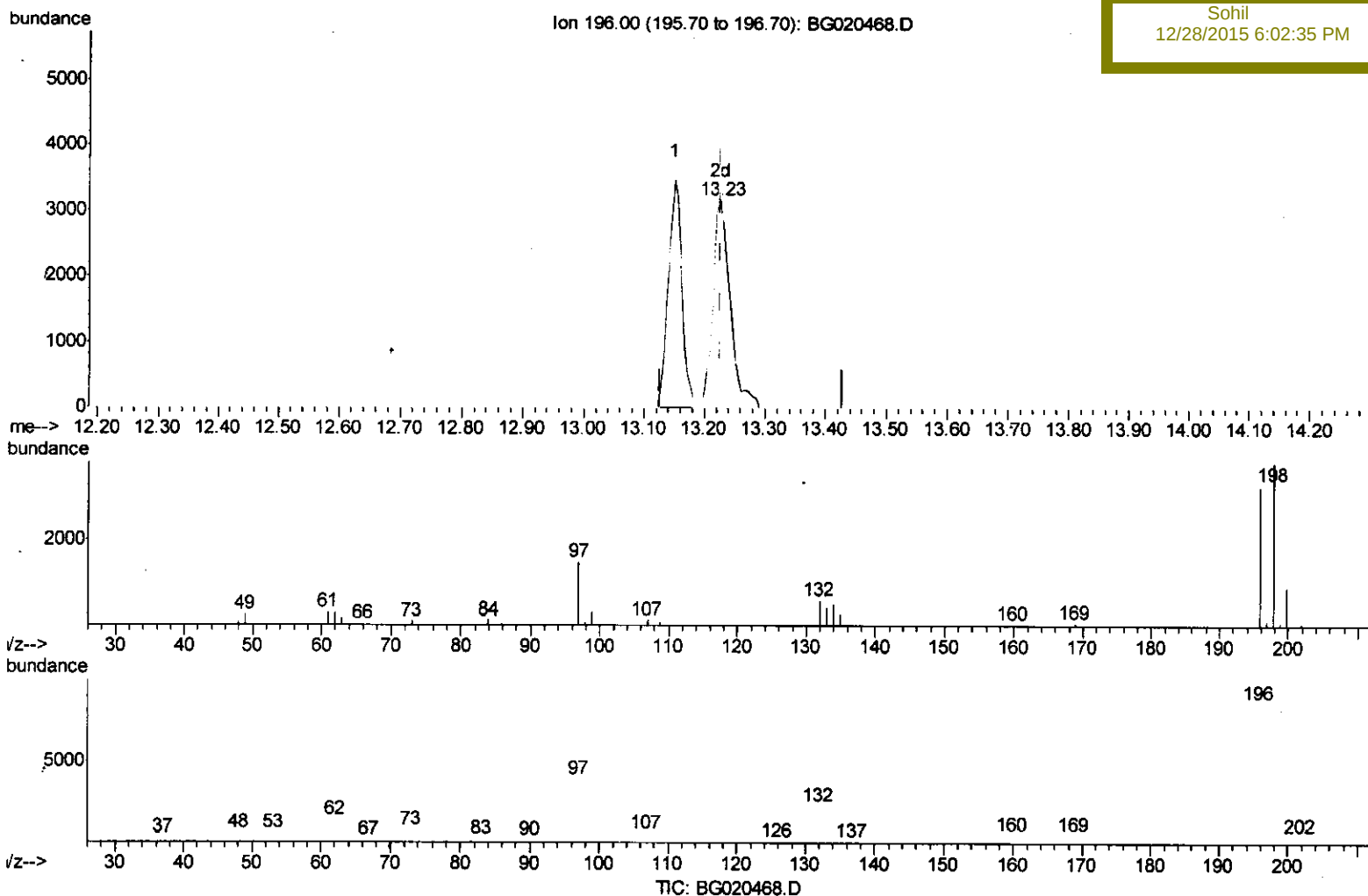
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(40) 2,4,5-Trichlorophenol

13.226min (-0.002) 5.61ng/ul m

response 6247

Ion	Exp%	Act%
196.00	100	100
198.00	93.00	116.82#
200.00	29.80	30.62
0.00	0.00	0.00

U. m
 12/25/15

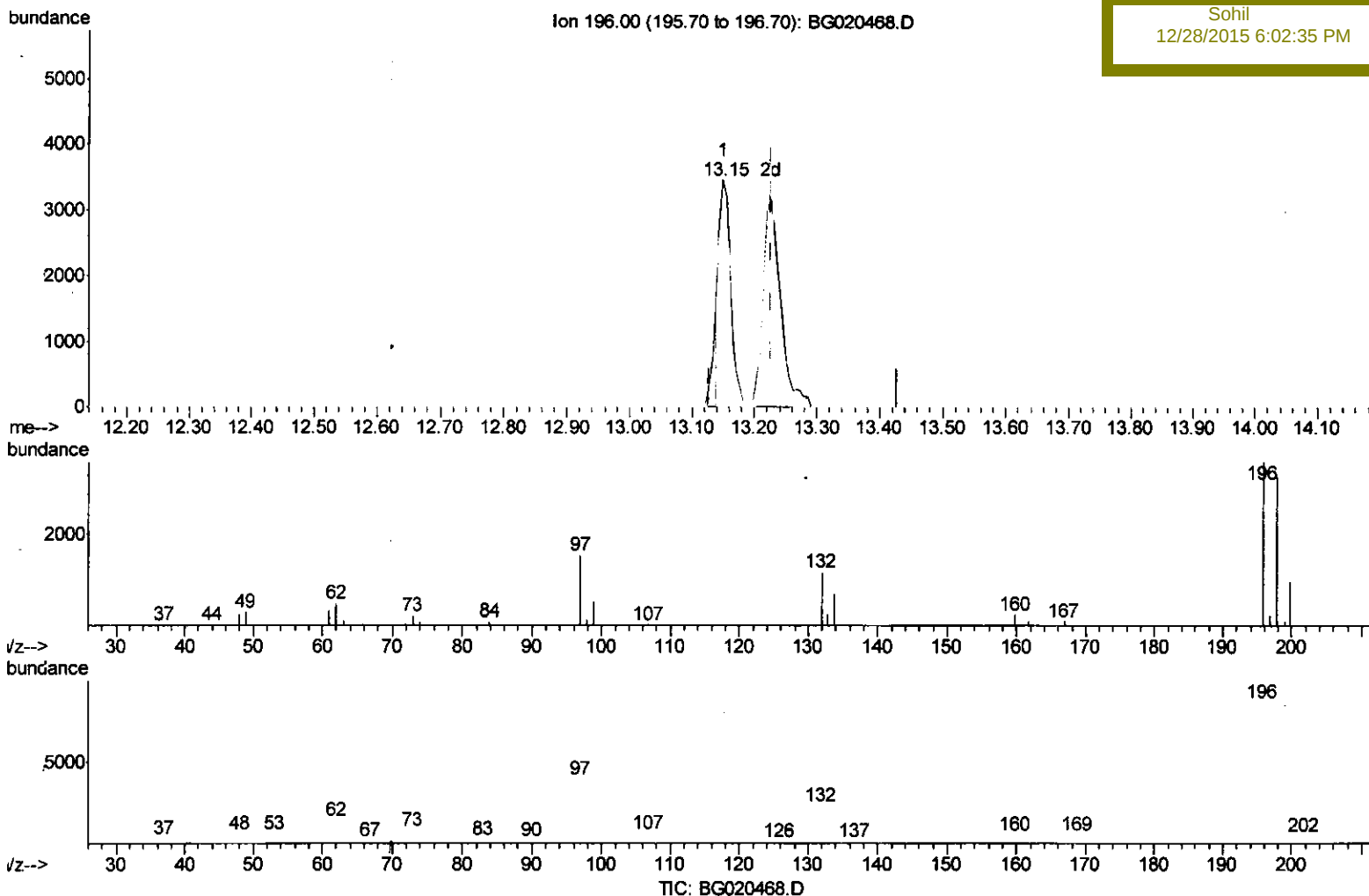
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(40) 2,4,5-Trichlorophenol

13.150min (-0.078) 4.12ng/ul

response 4586

Ion	Exp%	Act%
196.00	100	100
198.00	93.00	91.28
200.00	29.80	30.13
0.00	0.00	0.00

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