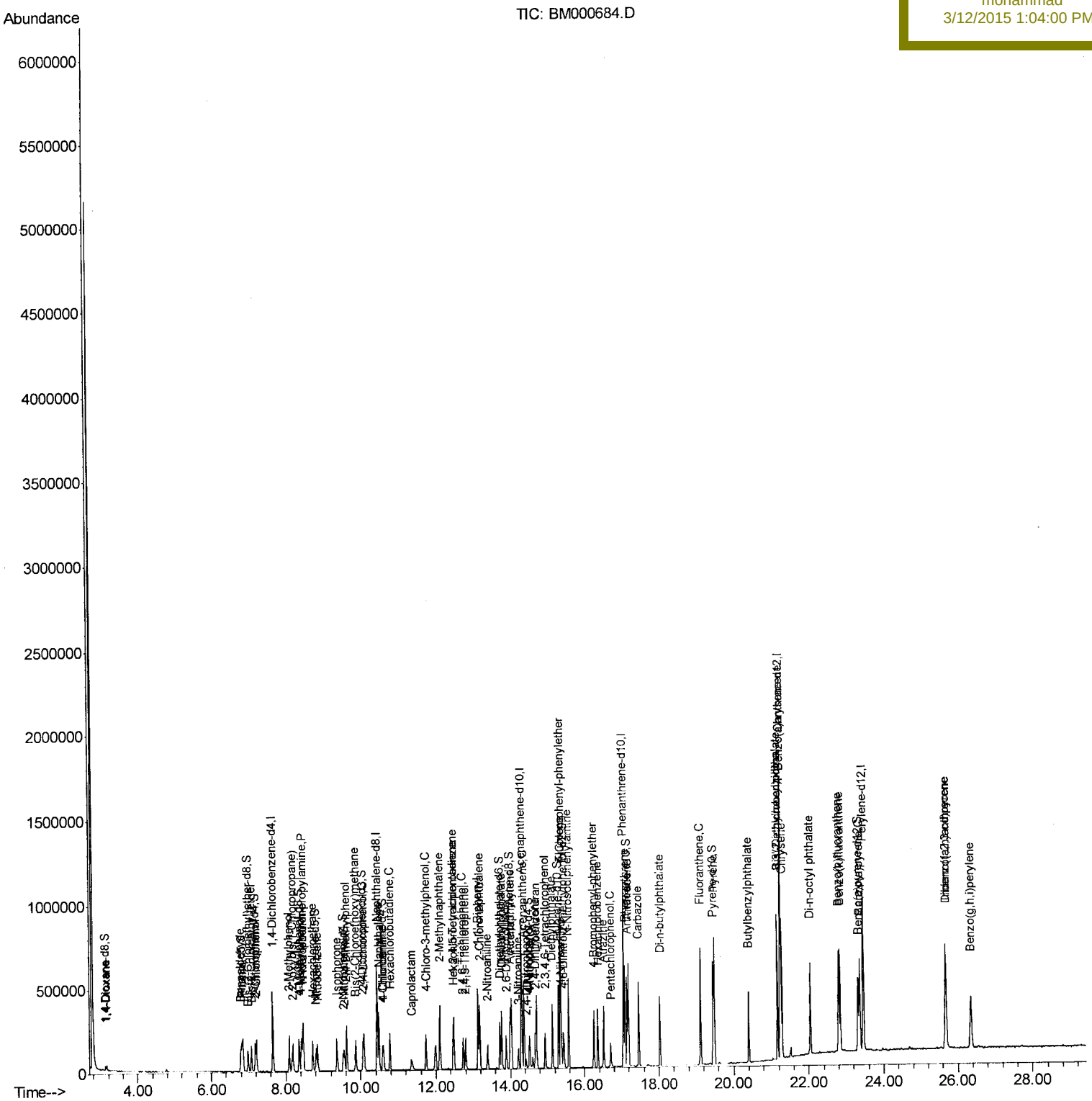
Data Path : Z:\HPCHEM1\BNA M\Data\BM031115\
Data File : BM000684.D
Acq On : 10 Mar 2015 22:42
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 13:01:08 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:00 PM



Data Path : Z:\HPCHEM1\BNA M\Data\BM031115\
Data File : BM000684.D
Acq On : 10 Mar 2015 22:42
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 13:01:08 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:00 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	89485	9.20 ng/ul	95
37) Hexachlorocyclopentadiene	12.46	237	43729	7.08 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	42347	8.15 ng/ul	92
39) 2,4,5-Trichlorophenol	12.80	196	52148	8.77 ng/ul	94
40) 1,1'-Biphenyl	13.13	154	242929	10.26 ng/ul#	98
41) 2-Chloronaphthalene	13.17	162	185608	10.12 ng/ul	95
42) 2-Nitroaniline	13.39	65	36143	8.22 ng/ul	86
44) Dimethylphthalate	13.76	163	219824	9.83 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	34917	8.82 ng/ul	98
47) Acenaphthylene	14.03	152	301572	10.40 ng/ul	98
48) 3-Nitroaniline	14.22	138	30285	8.31 ng/ul	94
49) Acenaphthene	14.37	153	199729	10.42 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	11068	5.10 ng/ul#	75
52) 4-Nitrophenol	14.52	109	22745	5.49 ng/ul#	53
53) Dibenzofuran	14.70	168	287406	10.27 ng/ul	87
54) 2,4-Dinitrotoluene	14.68	165	54868	9.52 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.94	232	40947	8.52 ng/ul	99
56) Diethylphthalate	15.13	149	202774	9.25 ng/ul	98
58) Fluorene	15.36	166	235237	10.41 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	113001	9.62 ng/ul	88
60) 4-Nitroaniline	15.38	138	36224	8.52 ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.44	198	31080	8.31 ng/ul	94
64) N-Nitrosodiphenylamine	15.57	169	192167	10.29 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	59654	8.89 ng/ul	91
66) Hexachlorobenzene	16.36	284	66811	8.77 ng/ul	98
67) Atrazine	16.52	200	56155	8.74 ng/ul	98
68) Pentachlorophenol	16.71	266	24207	6.17 ng/ul	90
69) Phenanthrene	17.10	178	370755	10.49 ng/ul	99
71) Anthracene	17.19	178	371094	10.38 ng/ul	99
72) Carbazole	17.46	167	331960	10.82 ng/ul	96
73) Di-n-butylphthalate	18.03	149	297925	9.27 ng/ul#	98
74) Fluoranthene	19.12	202	400414	10.21 ng/ul#	85
77) Pyrene	19.48	202	442079	10.16 ng/ul#	85
78) Butylbenzylphthalate	20.39	149	115961	8.07 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	87195	7.36 ng/ul	98
80) Benzo(a)anthracene	21.23	228	406393	10.15 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.17	149	173169	8.50 ng/ul	97
82) Chrysene	21.29	228	399107	10.45 ng/ul	100
84) Di-n-octyl phthalate	22.03	149	312273	8.02 ng/ul	100
85) Benzo(b)fluoranthene	22.79	252	400942	10.08 ng/ul#	95
86) Benzo(k)fluoranthene	22.83	252	376856	9.82 ng/ul#	96
88) Benzo(a)pyrene	23.36	252	384942	10.20 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.67	276	416206	9.95 ng/ul#	86
90) Dibenzo(a,h)anthracene	25.68	278	352727	10.11 ng/ul#	96
91) Benzo(g,h,i)perylene	26.34	276	357945	10.09 ng/ul#	91

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

Data Path : Z:\HPCHEM1\BNA M\Data\BM031115\
Data File : BM000684.D
Acq On : 10 Mar 2015 22:42
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 13:01:08 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	124709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	521760	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	295214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	654437	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	701844	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	670207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10457	4.60	ng/uL	0.00
5) Phenol-d5	6.82	99	89526	10.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	56869	11.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	74269	10.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	69868	10.01	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	29196	8.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	30704	8.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	69029	8.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	65362	9.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	181755	8.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	262633	9.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	29294	8.60	ng/ul	0.00
57) Fluorene-d10	15.30	176	195326	9.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	26454	7.37	ng/ul	0.00
70) Anthracene-d10	17.15	188	288075	9.68	ng/ul	0.00
76) Pyrene-d10	19.45	212	310568	9.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	276918	9.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	11951m	4.74	ng/uL	
4) Benzaldehyde	6.79	77	50373	19.37	ng/ul	91
6) Phenol	6.85	94	101209	11.69	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.08	93	80389	11.74	ng/ul	98
10) 2-Chlorophenol	7.22	128	80994	10.99	ng/ul	92
11) 2-Methylphenol	8.10	108	72139	10.53	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.19	45	140719	10.31	ng/ul#	95
14) Acetophenone	8.47	105	115262	10.08	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.45	70	51287	9.75	ng/ul#	84
16) 4-Methylphenol	8.42	108	81344	11.21	ng/ul	94
17) Hexachloroethane	8.72	117	31285	9.54	ng/ul	95
20) Nitrobenzene	8.85	77	82895	9.25	ng/ul	92
21) Isophorone	9.37	82	135421	9.08	ng/ul#	96
23) 2-Nitrophenol	9.56	139	38669	9.68	ng/ul#	77
24) 2,4-Dimethylphenol	9.62	107	87667	9.26	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.86	93	98043	10.74	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	70995	9.14	ng/ul	98
28) Naphthalene	10.49	128	274451	10.44	ng/ul	98
30) 4-Chloroaniline	10.60	127	67759	9.26	ng/ul	96
31) Hexachlorobutadiene	10.77	225	45227	7.54	ng/ul	97
32) Caprolactam	11.35	113	15007	8.11	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.73	107	72687	8.93	ng/ul	87
34) 2-Methylnaphthalene	12.11	142	188395	9.97	ng/ul	100

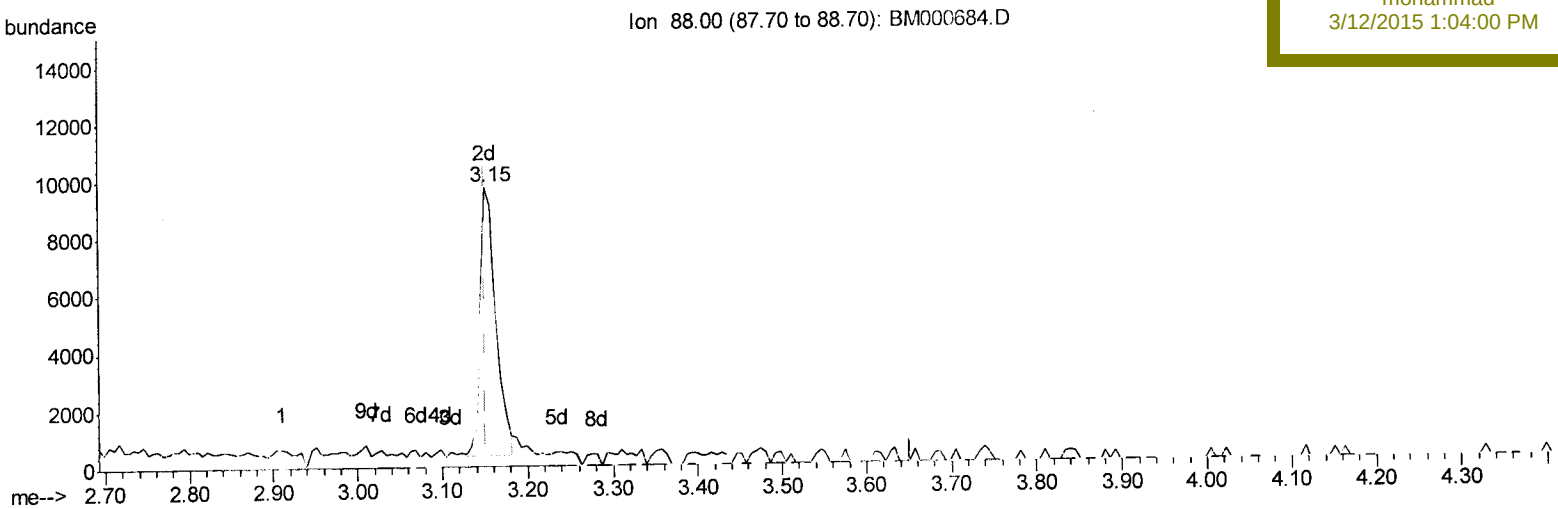
TP
03/12/15

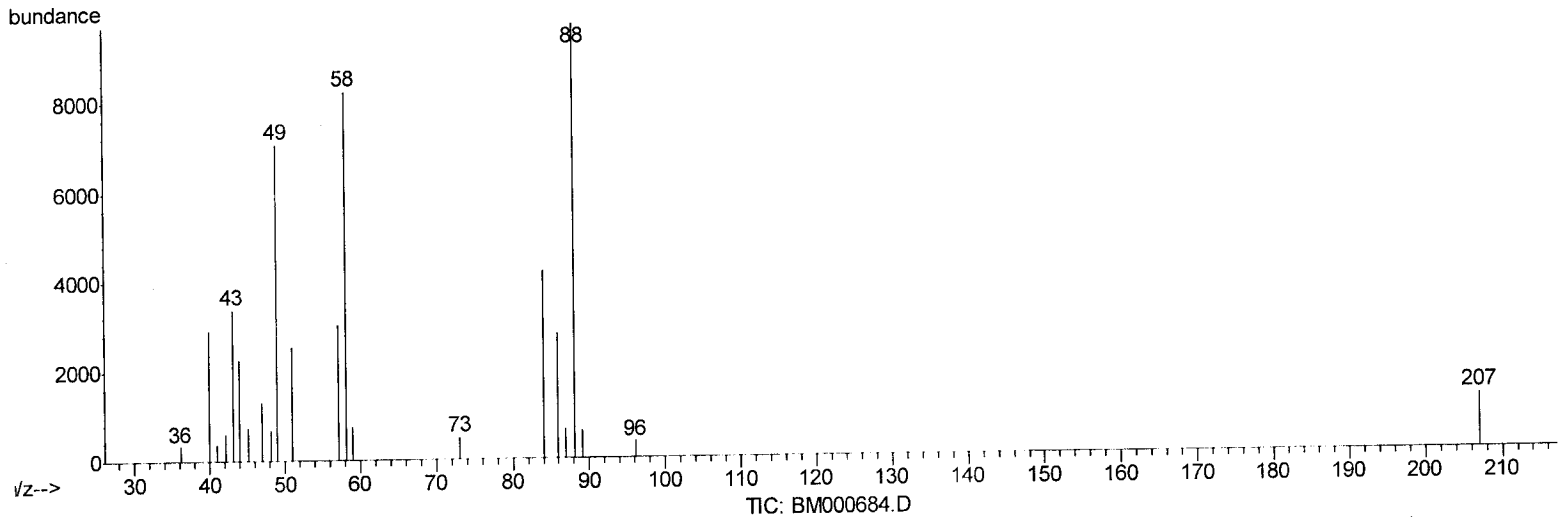
Data Path : Z:\HPCHEM1\BNA M\Data\BM031115\
Data File : BM000684.D
Acq On : 10 Mar 2015 22:42
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 12:58:20 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:00 PM





(2) 1,4-Dioxane

3.151min (-0.000) 4.74ng/uL m

response 11951

TP
03/12/15

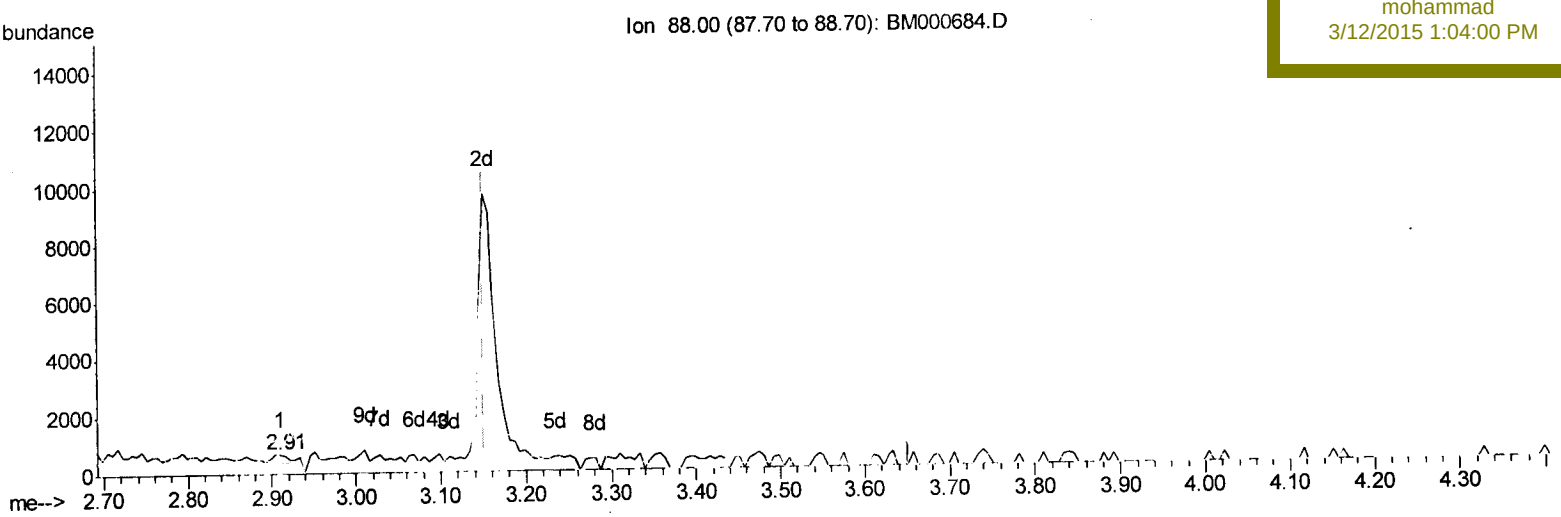
Ion	Exp%	Act%
88.00	100	100
43.00	45.90	1.10#
58.00	107.70	2.59#
0.00	0.00	0.00

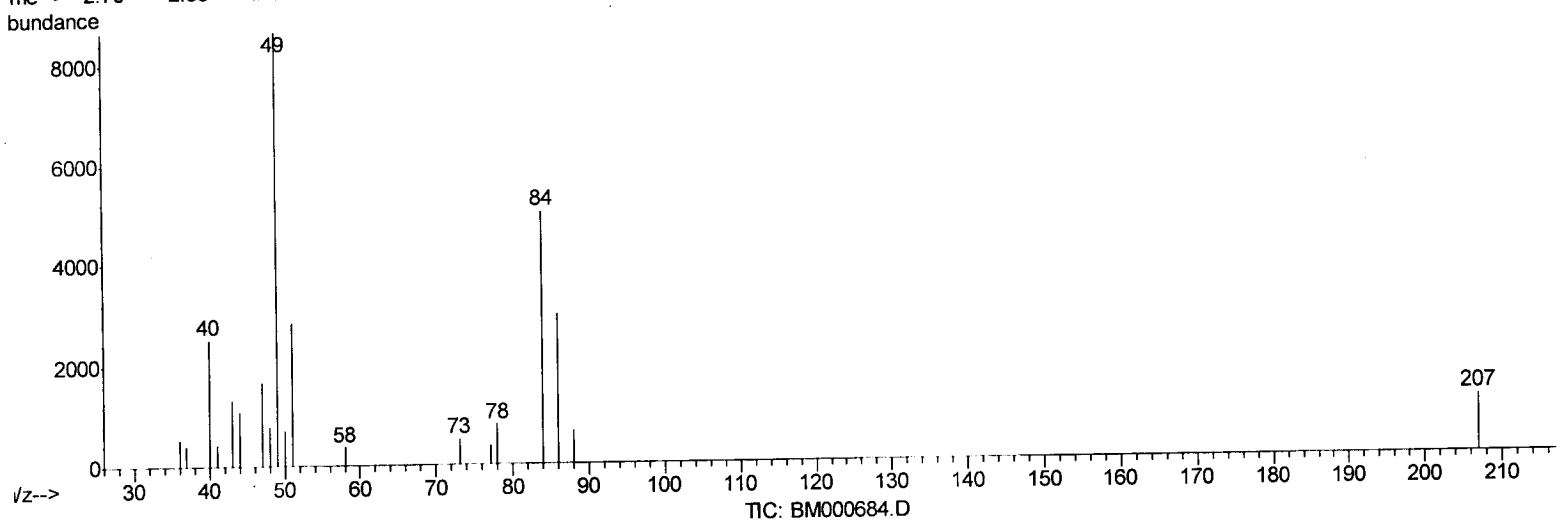
Data Path : Z:\HPCHEM1\BNA M\Data\BM031115\
Data File : BM000684.D
Acq On : 10 Mar 2015 22:42
Operator : TP/IZ
Sample : SSTD01066
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 11 12:58:20 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 11 13:44:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01066

Manual Integrations APPROVED
mohammad
3/12/2015 1:04:00 PM





(2) 1,4-Dioxane

2.910min (-0.241) 0.14ng/uL

response 355

Ion	Exp%	Act%
88.00	100	100
43.00	45.90	36.90
58.00	107.70	87.32
0.00	0.00	0.00