

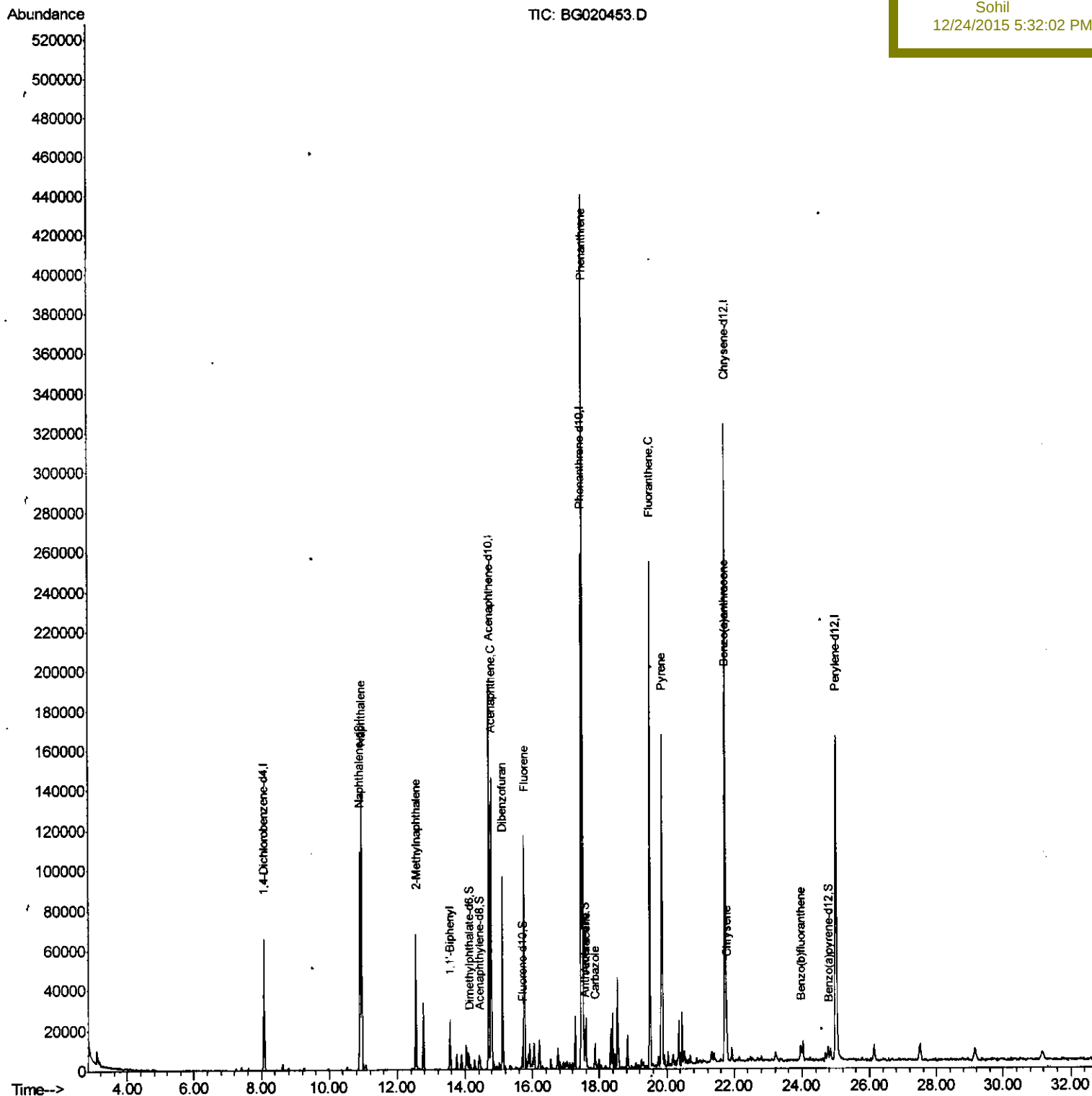
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020453.D
Acq On : 23 Dec 2015 21:26
Operator : UM/SJ
Sample : G4848-14DL 25X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 24 03:51:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Manual Integrations
APPROVED

Sohil
12/24/2015 5:32:02 PM



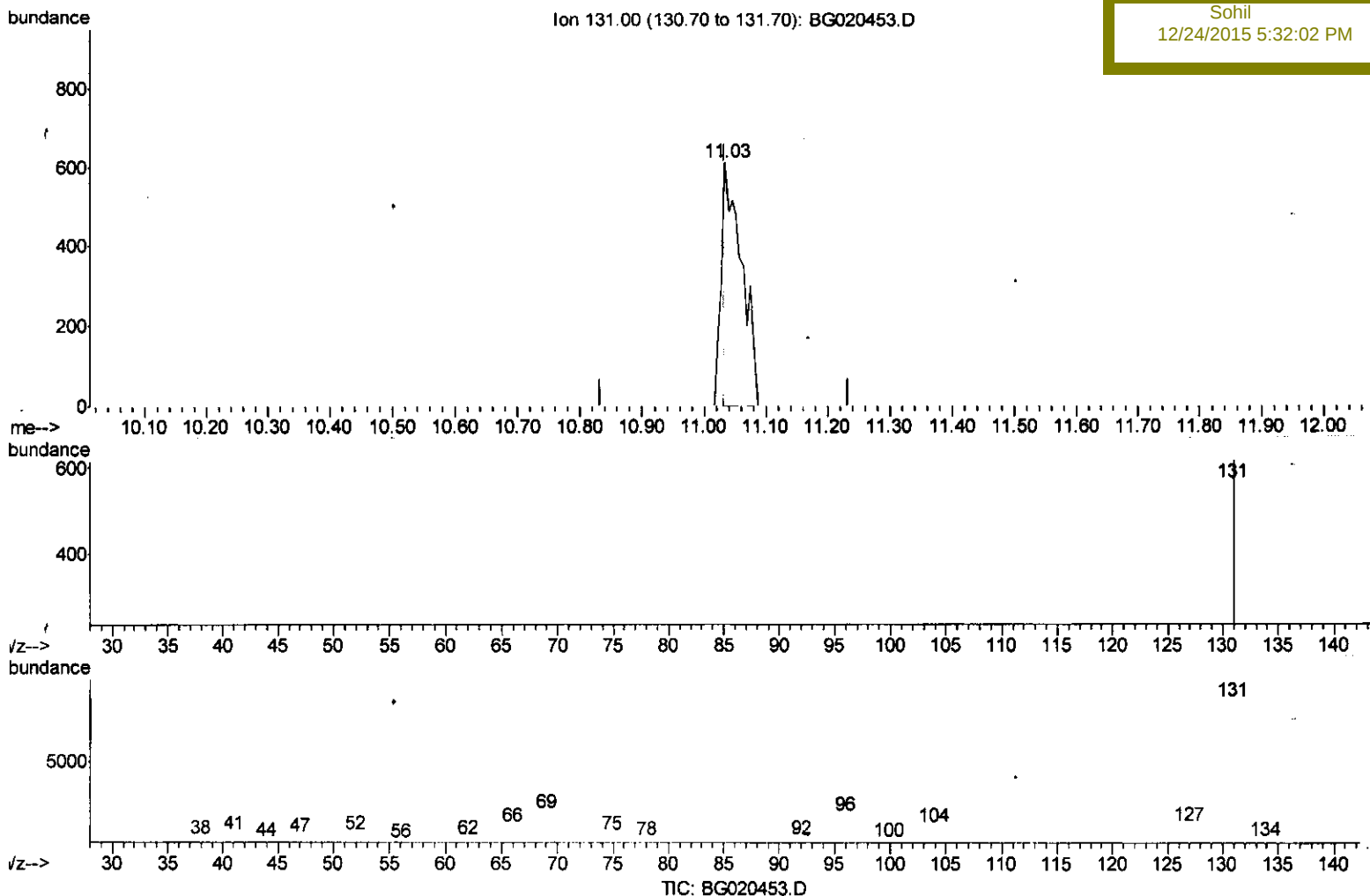
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(29) 4-Chloroaniline-d4 (S)

11.034min (+0.000) 0.75ng/ul m

response 1397

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	38.66#
69.00	17.80	0.00#
0.00	0.00	0.00

UM
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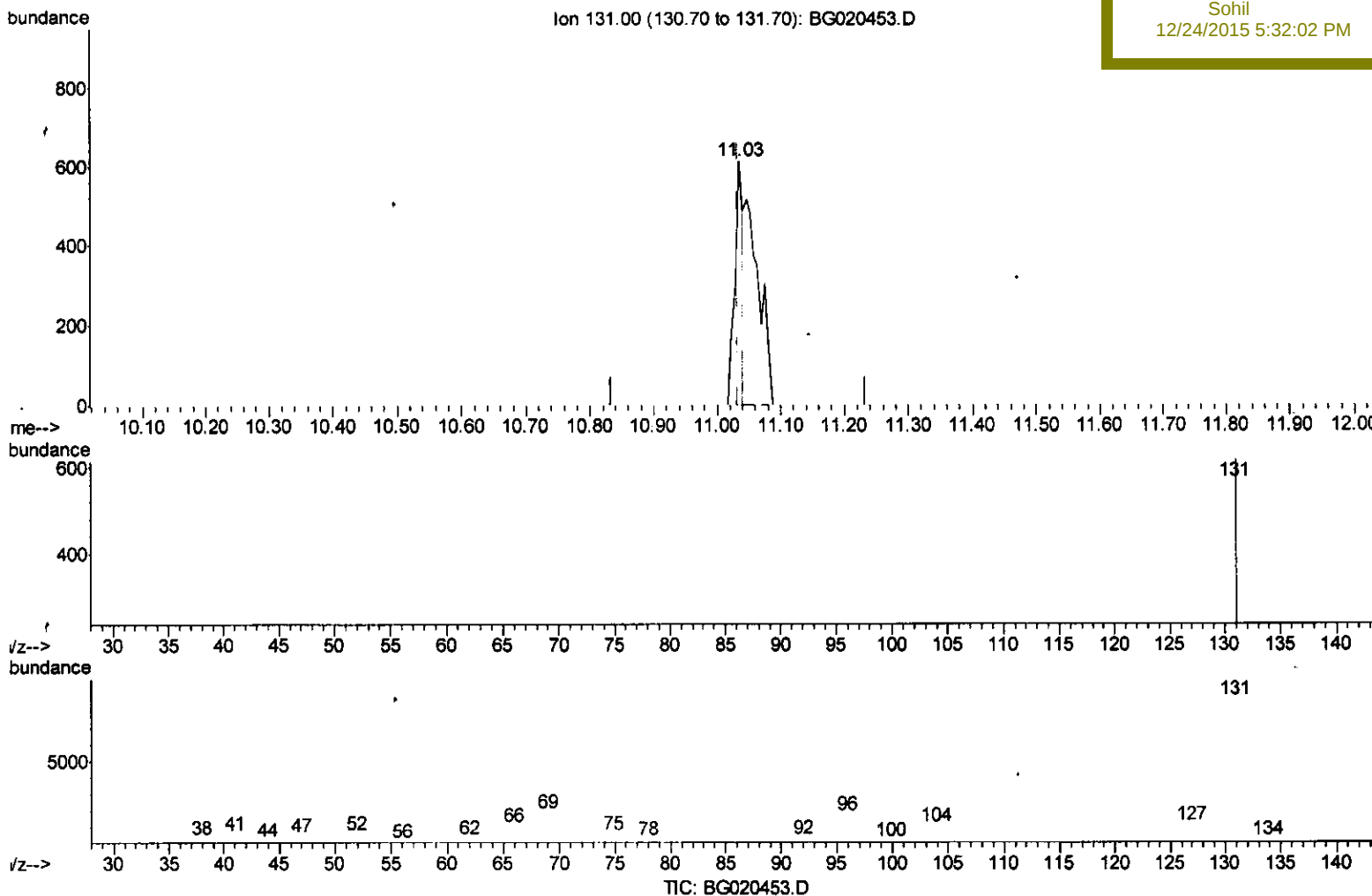
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Sohil
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(29) 4-Chloroaniline-d4 (S)

11.034min (+0.000) 0.30ng/ul

response 555

Ion	Exp%	Act%
131.00	100	100
133.00	30.40	38.66#
69.00	17.80	0.00#
0.00	0.00	0.00

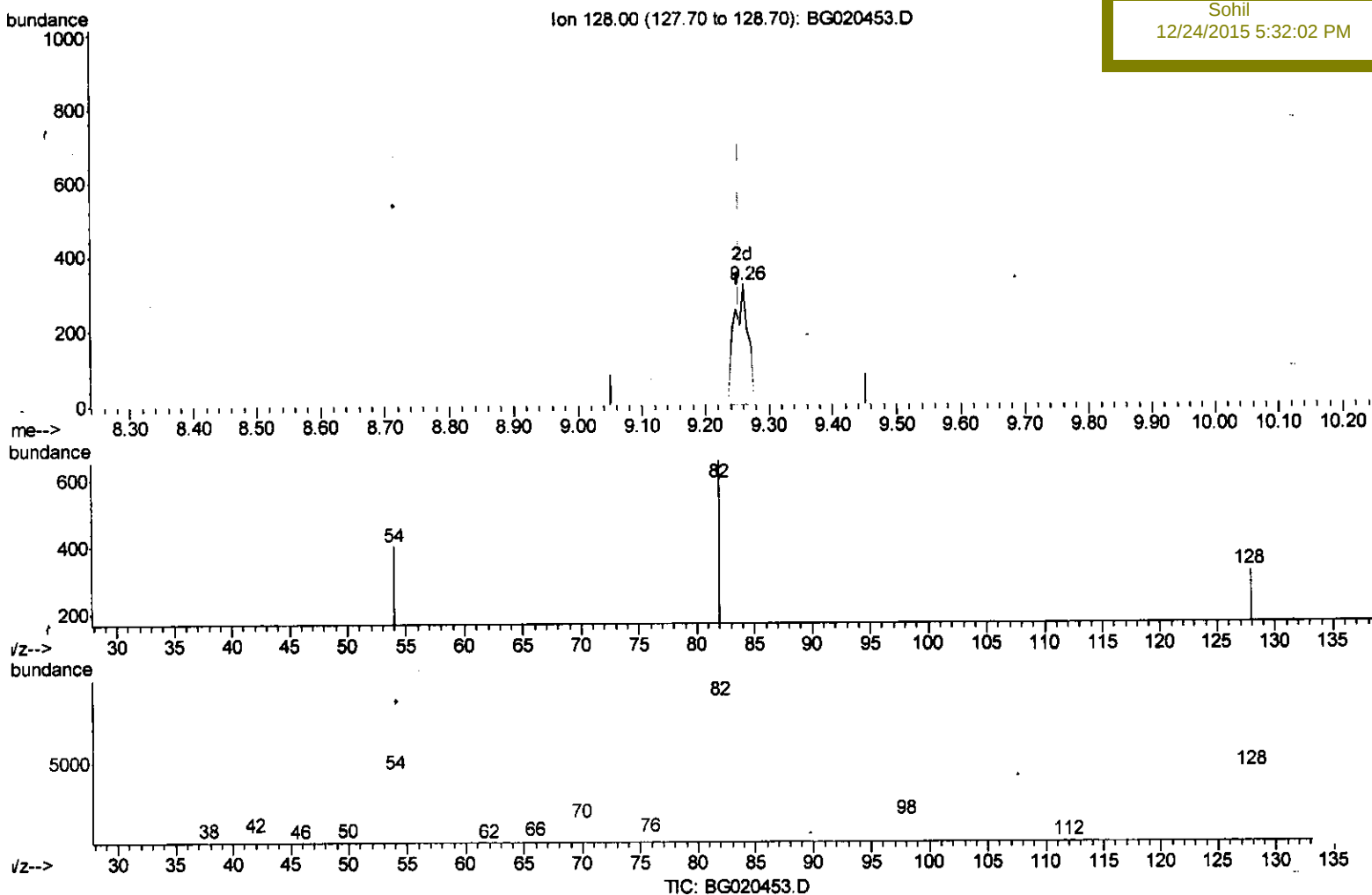
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Manual Integrations
 APPROVED

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(19) Nitrobenzene-d5 (S)

9.260min (+0.006) 0.64ng/ul m

response 469

Ion	Exp%	Act%
128.00	100	100
82.00	258.00	204.38#
54.00	123.60	125.63
0.00	0.00	0.00

U.M
 12/23/15

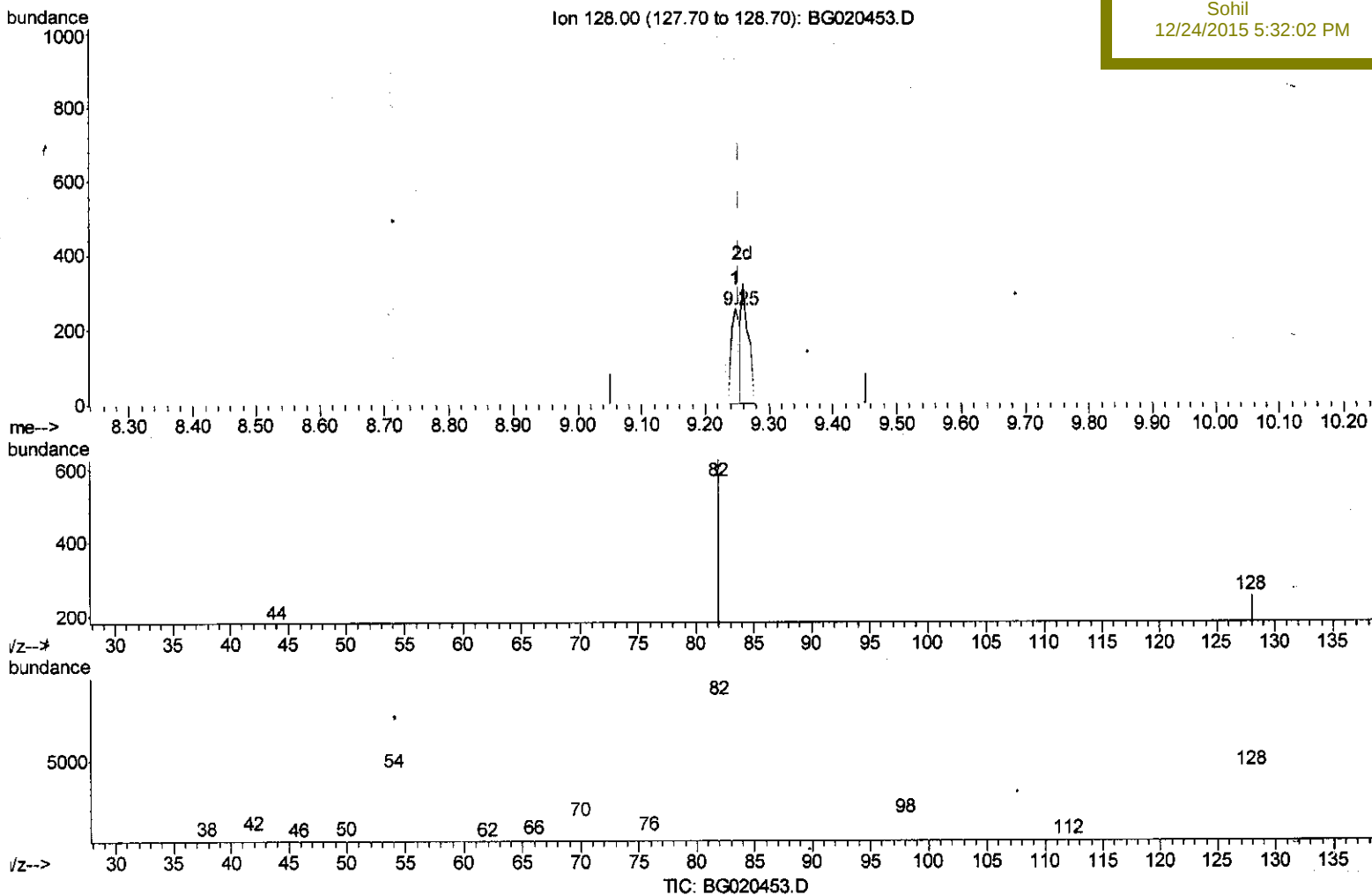
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 ALS Vial : 43 Sample Multiplier: 1

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 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 D9N60DL

Manual Integrations
 APPROVED

Sohil
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(19) Nitrobenzene-d5 (S)

9.248min (-0.006) 0.32ng/ul

response 232

Ion	Exp%	Act%
128.00	100	100
82.00	258.00	247.22
54.00	123.60	0.00#
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	94404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	67912	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	166109	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	207671	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	1192	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	833	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1044	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	1088	0.71	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	469m	0.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	629	0.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	1304	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	1397m	0.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	5775	1.05	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	6491	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5863	1.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	8571	1.12	ng/ul	0.00
79) Pyrene-d10	19.84	212	9436	0.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	10027	1.04	ng/ul	0.00

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Target Compounds

						Qvalue
28) Naphthalene	10.95	128	120413	24.42	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	33691	8.95	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	14631	2.86	ng/ul#	94
50) Acenaphthene	14.78	153	65391	14.31	ng/ul	99
54) Dibenzofuran	15.11	168	65478	9.63	ng/ul	100
59) Fluorene	15.76	166	56947	10.43	ng/ul	100
70) Phenanthrene	17.50	178	289526	31.87	ng/ul	100
72) Anthracene	17.59	178	20627	2.24	ng/ul	97
75) Carbazole	17.87	167	10460	1.35	ng/ul	99
77) Fluoranthene	19.51	202	173955	16.38	ng/ul	97
80) Pyrene	19.87	202	118532	9.43	ng/ul	98
83) Benzo(a)anthracene	21.72	228	28159	2.32	ng/ul	98
85) Chrysene	21.78	228	22901	2.01	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	12121	1.04	ng/ul	95

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