

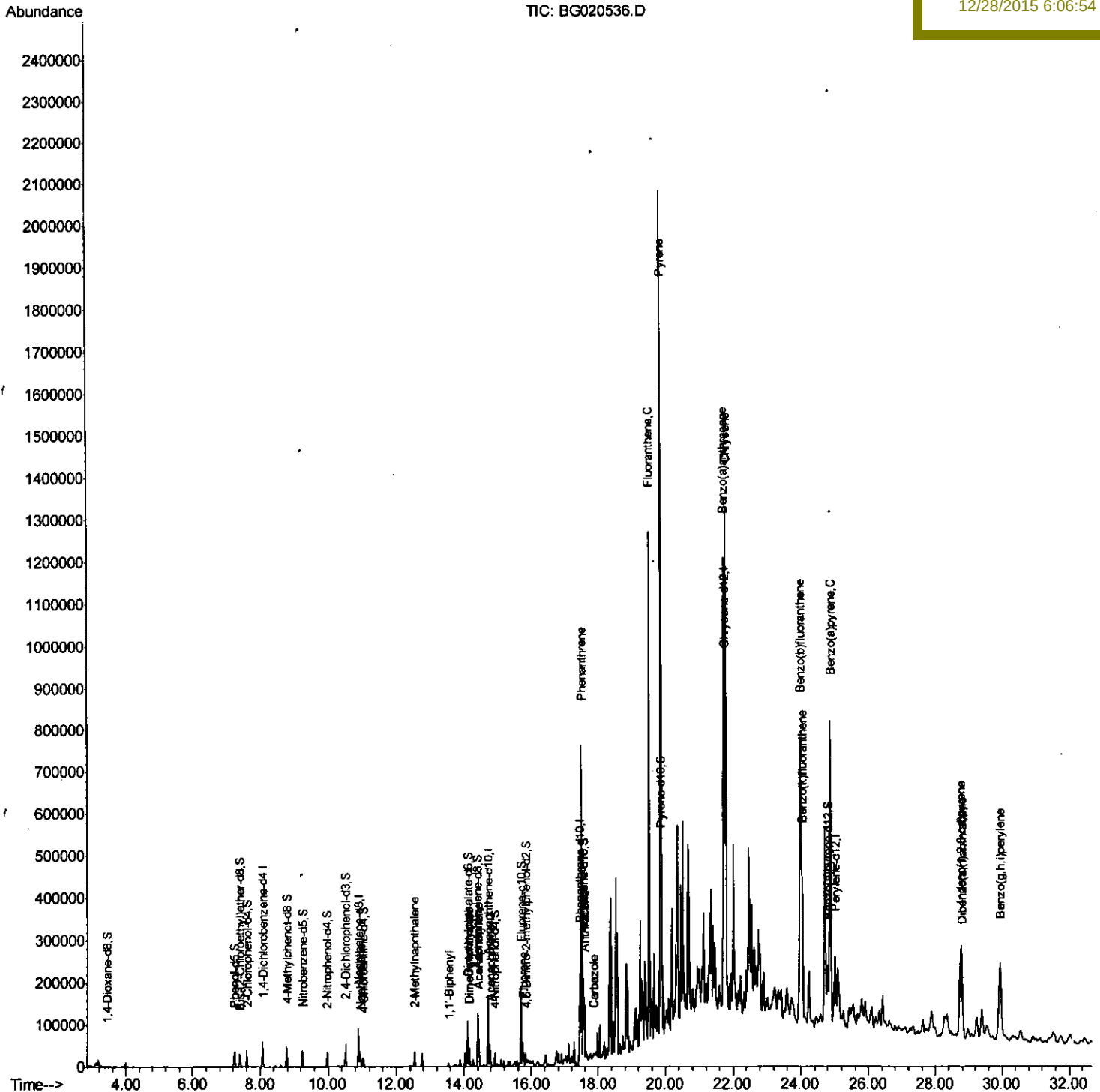
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
Data File : BG020536.D
Acq On : 26 Dec 2015 12:13
Operator : UM/SJ
Sample : G4802-15
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 28 06:50:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9D90

Manual Integrations

Sohil
12/28/2015 6:06:54 PM



Quantitation Report (Qedit)

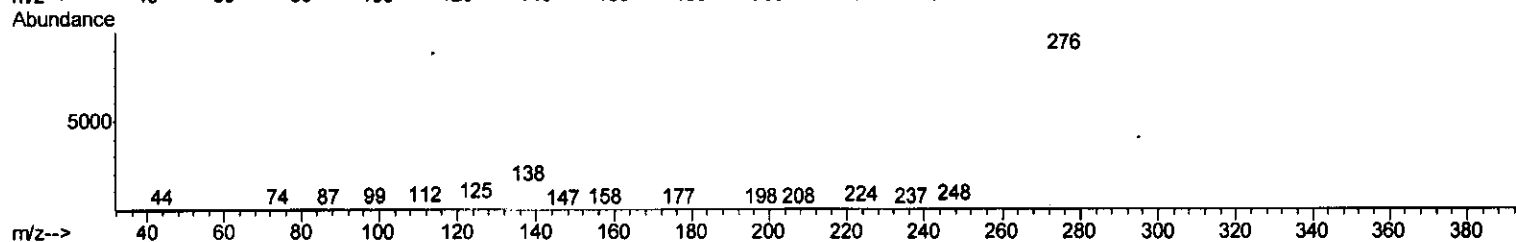
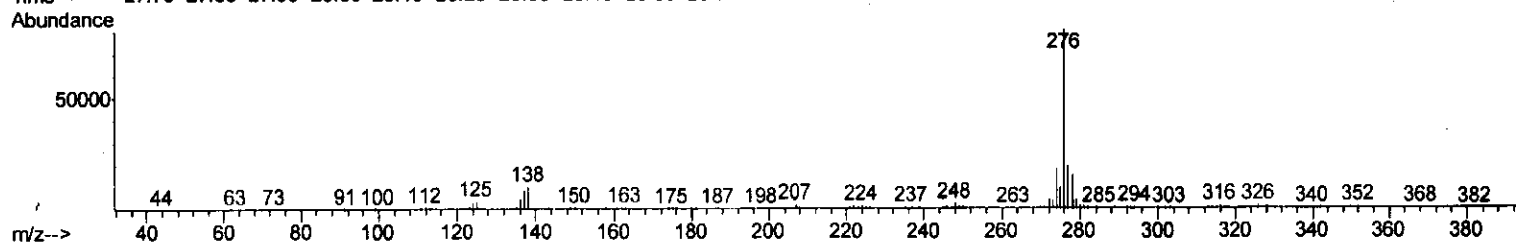
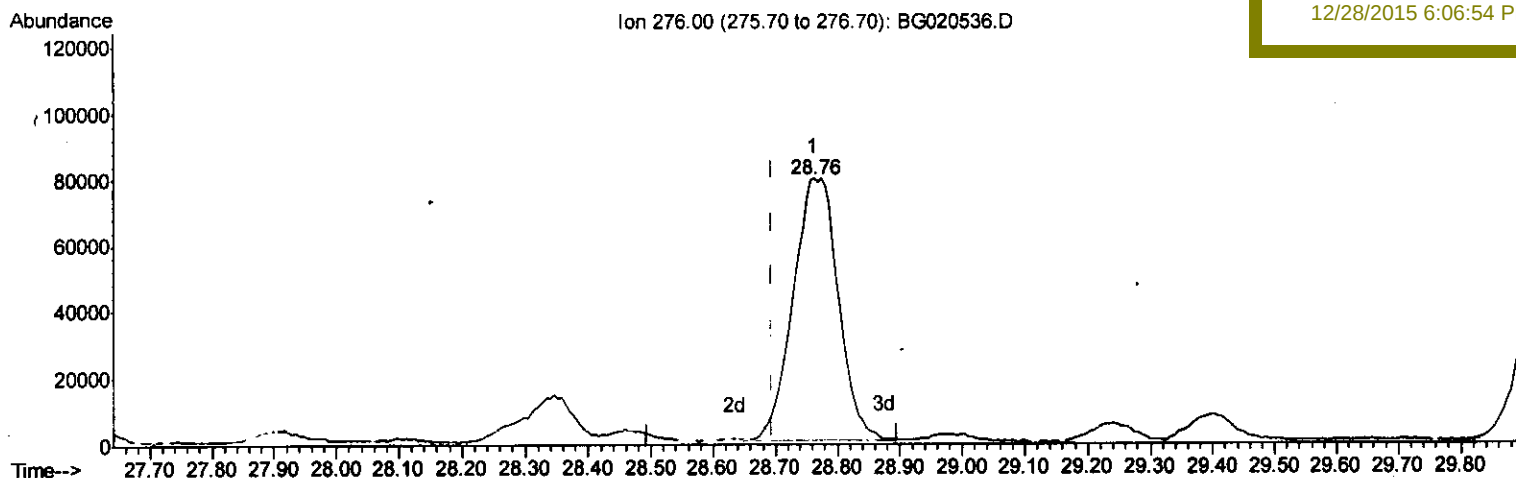
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Quant Time: Dec 28 06:17:35 2015
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Manual Integrations
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TIC: BG020536.D

(92) Indeno(1,2,3-cd)pyrene

28.763min (+0.068) 32.10ng/ul m

response 396594

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.63
277.00	21.70	23.78
0.00	0.00	0.00

UM
 12/26/15

Quantitation Report (Qedit)

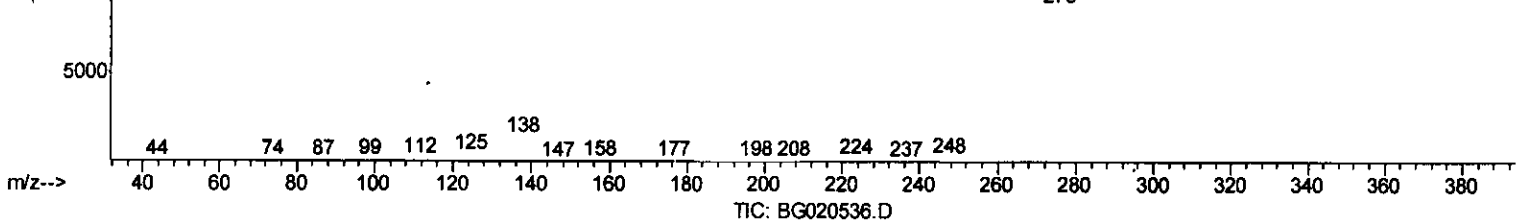
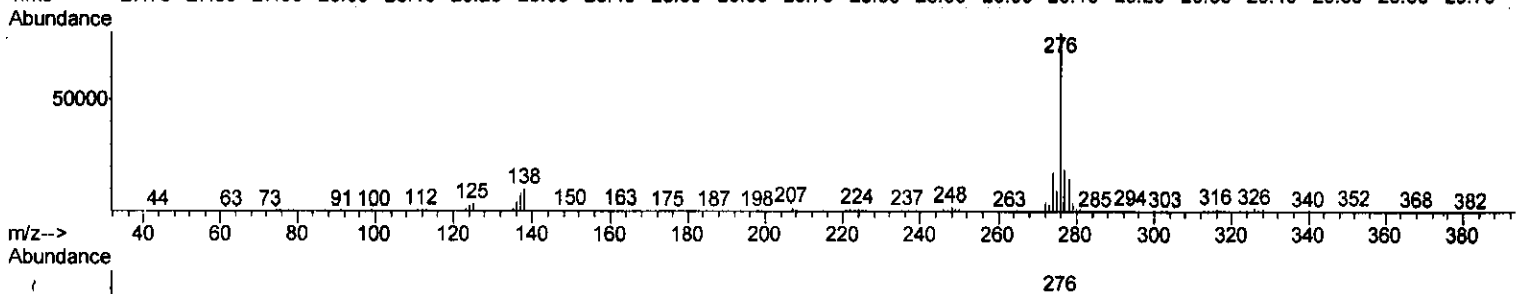
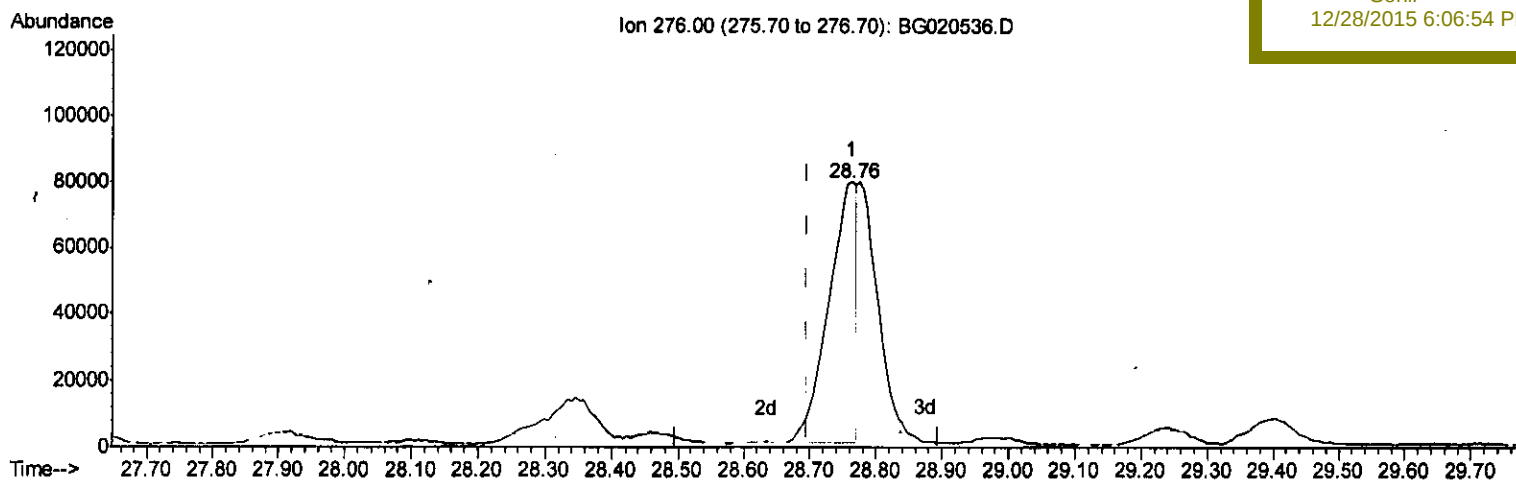
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 G9D90

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:06:54 PM



(92) Indeno(1,2,3-cd)pyrene

28.763min (+0.068) 18.34ng/ul

response 226603

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.63
277.00	21.70	23.78
0.00	0.00	0.00

Quantitation Report (Qedit)

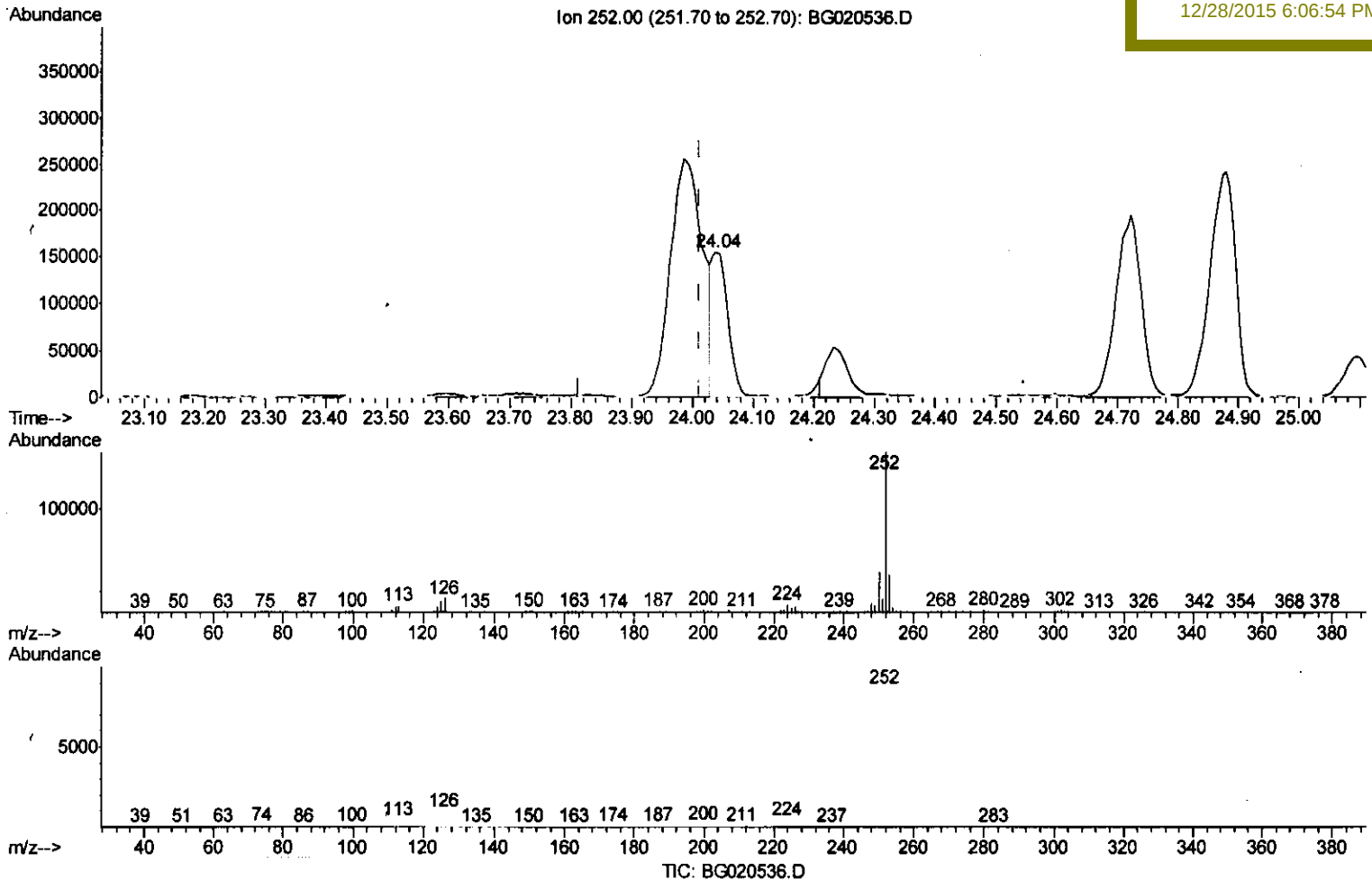
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122515\
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 Acq On : 26 Dec 2015 12:13
 Operator : UM/SJ
 Sample : G4802-15
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

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 QLast Update : Mon Dec 28 06:13:05 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 G9D90

Manual Integrations
 APPROVED

Sohil
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(89) Benzo(k)fluoranthene

24.040min (+0.027) 27.99ng/ul m

response 290393

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.40
125.00	7.20	7.14
0.00	0.00	0.00

U.M
 12/26/15

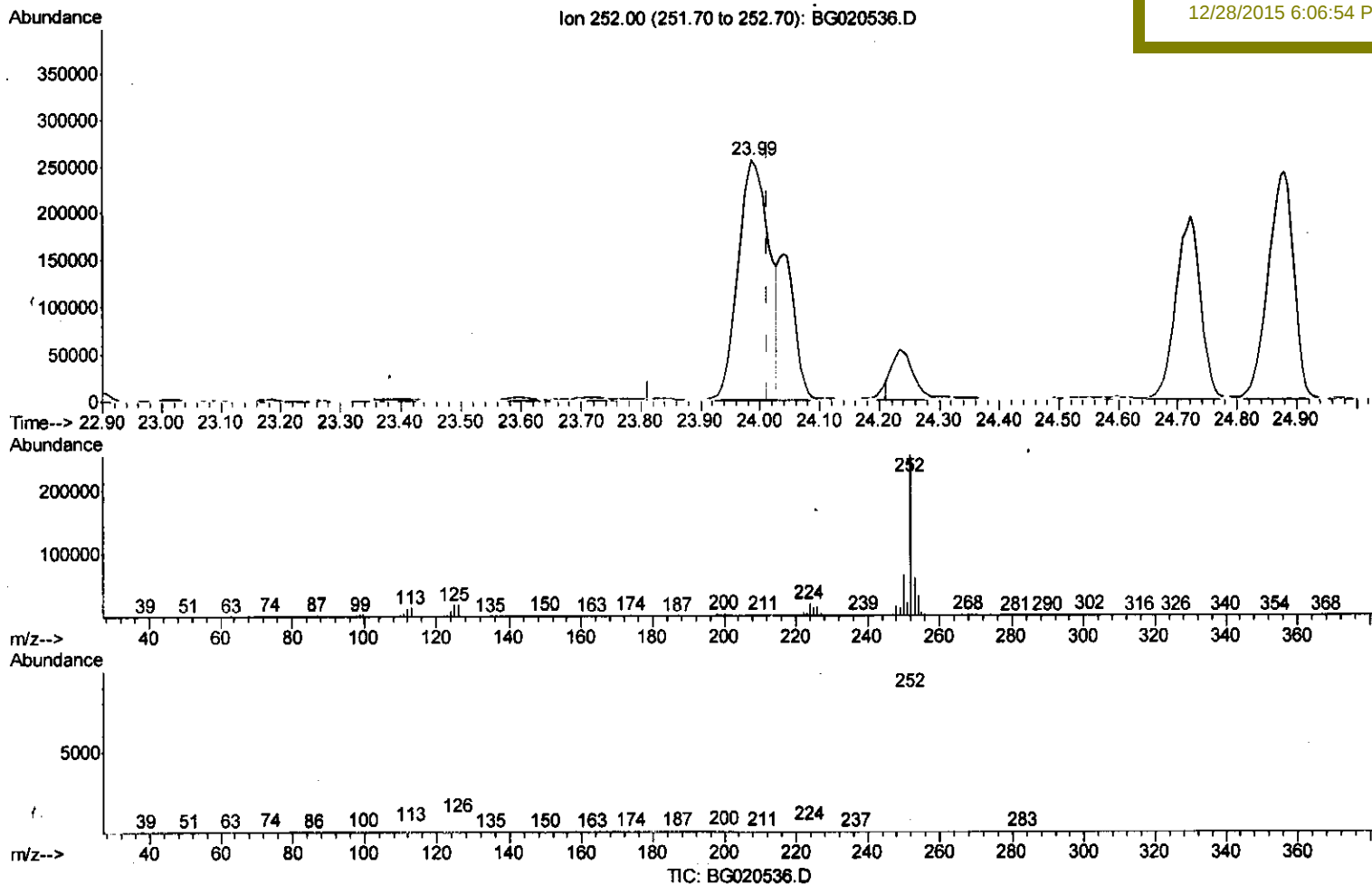
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Manual Integrations
APPROVED

Sohil
12/28/2015 6:06:54 PM



(89) Benzo(k)fluoranthene

23.987min (-0.026) 89.03ng/ul

response 923694

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.05
125.00	7.20	7.44
0.00	0.00	0.00

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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	79932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	57892	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	142649	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	179820	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	178820	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1047	3.14	ng/uL	0.00
5) Phenol-d5	7.24	99	23326	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	15078	17.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	19830	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	21089	16.99	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	10628	16.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12654	17.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	22962	16.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	15505	9.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	75244	15.77	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	96812	17.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7787	9.79	ng/ul	0.00
58) Fluorene-d10	15.70	176	75651	17.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8524	9.02	ng/ul	0.01
71) Anthracene-d10	17.56	188	122310	18.31	ng/ul	0.00
79) Pyrene-d10	19.84	212	142733	18.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	164889	18.24	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.94	128	29254	6.88	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	17741	5.64	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	5364	1.20	ng/ul#	92
45) Dimethylphthalate	14.16	163	25747	5.31	ng/ul	99
48) Acenaphthylene	14.44	152	60524	10.42	ng/ul	100
50) Acenaphthene	14.77	153	21568	5.49	ng/ul	99
59) Fluorene	15.76	166	27691	5.85	ng/ul	95
70) Phenanthrene	17.51	178	512366	64.55	ng/ul	99
72) Anthracene	17.59	178	104681	12.90	ng/ul	100
75) Carbazole	17.86	167	7182	1.05	ng/ul#	93
77) Fluoranthene	19.52	202	790680	79.22	ng/ul	99
80) Pyrene	19.88	202	1256510	123.56	ng/ul	98
83) Benzo(a)anthracene	21.72	228	723090	68.47	ng/ul#	89
85) Chrysene	21.79	228	885672	88.05	ng/ul	93
88) Benzo(b)fluoranthene	23.99	252	923694	86.06	ng/ul	96
89) Benzo(k)fluoranthene	24.04	252	290393m→	27.99	ng/ul	
91) Benzo(a)pyrene	24.88	252	710368	68.86	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.76	276	396594m→	32.10	ng/ul	
93) Dibenzo(a,h)anthracene	28.80	278	122976	11.99	ng/ul	96
94) Benzo(g,h,i)perylene	29.95	276	399476	39.36	ng/ul	98

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