

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\

Quantitation Report (QT Reviewed)

Data File : BG026885.D

Acq On : 6 May 2017 16:47

Operator : SJ/MA

Sample : I2842-03

Misc :

ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampled :

BDC42

Manual Integrations
APPROVED

mohammad
5/8/2017 5:58:38 PM

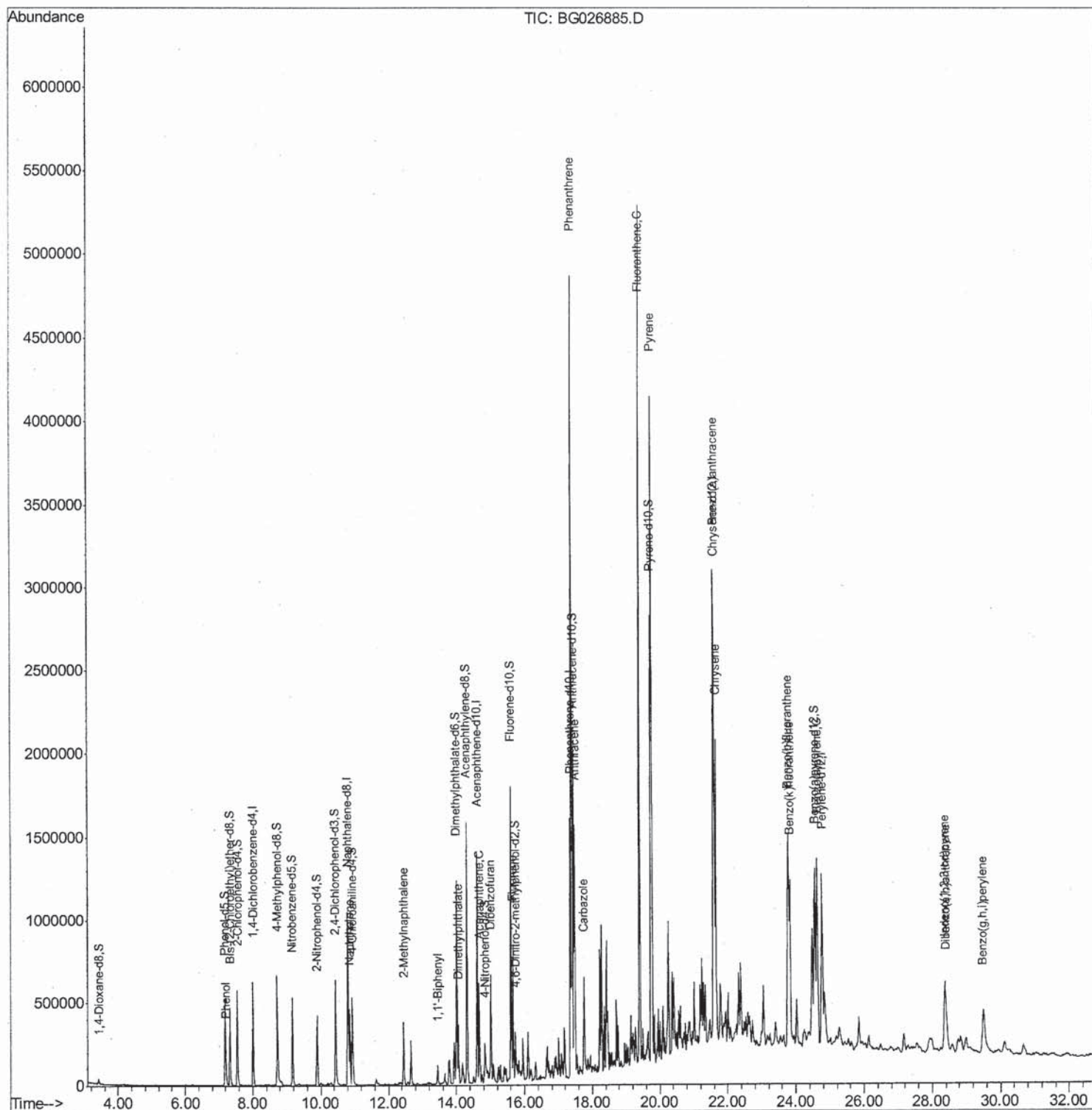
Quant Time: May 08 02:07:53 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 08 01:28:58 2017

Response via : Initial Calibration



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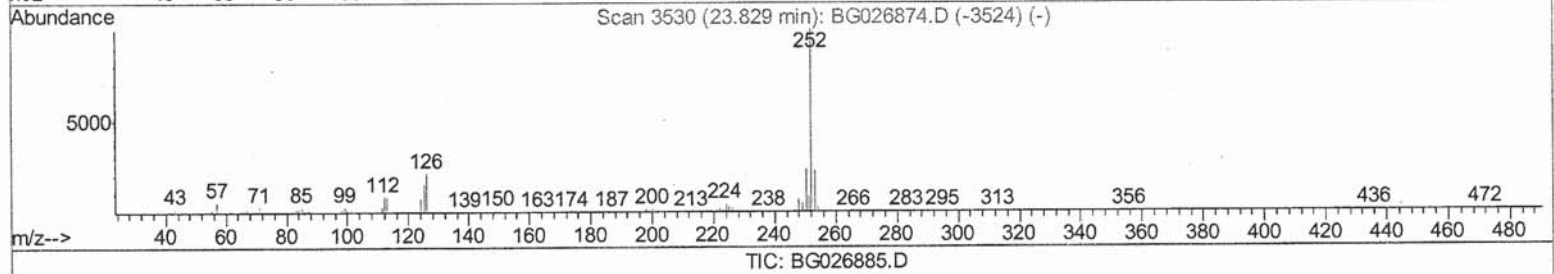
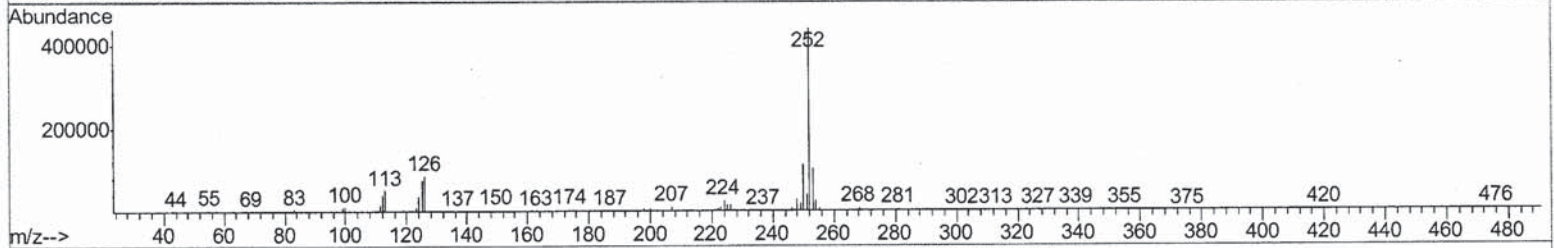
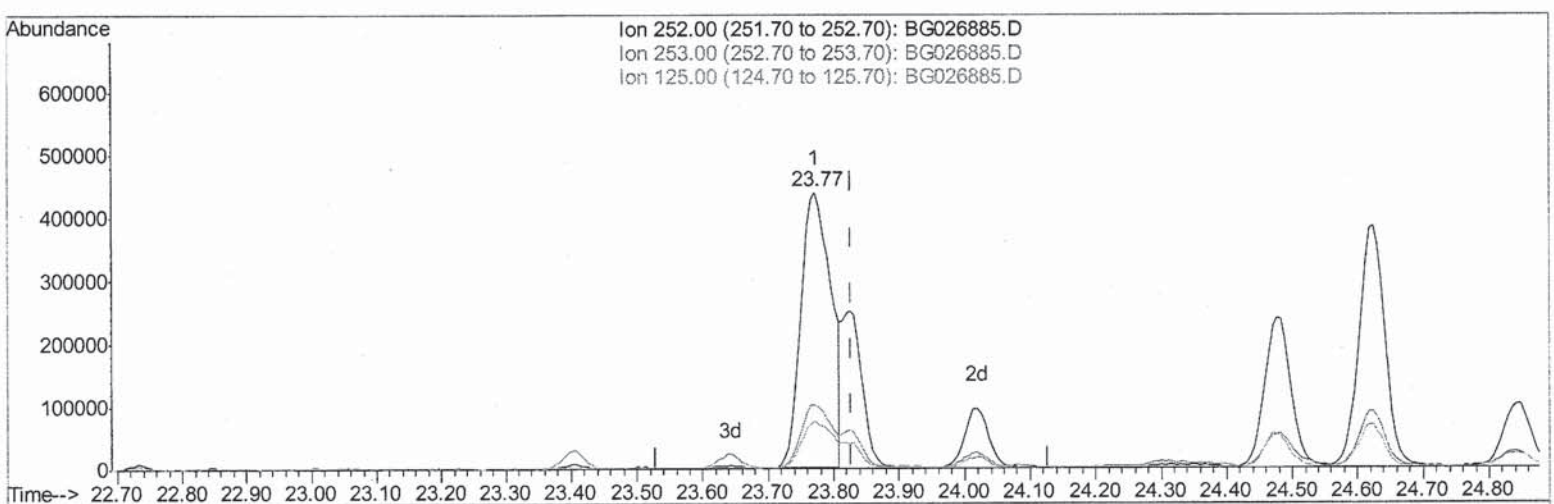
Quant Time: May 08 01:30:06 2017

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Quant Title : SVOA CALIBRATION

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(86) Benzo(k)fluoranthene

23.772min (-0.057) 28.15ng/ul

response 1388782

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.08
125.00	5.10	17.09#
0.00	0.00	0.00

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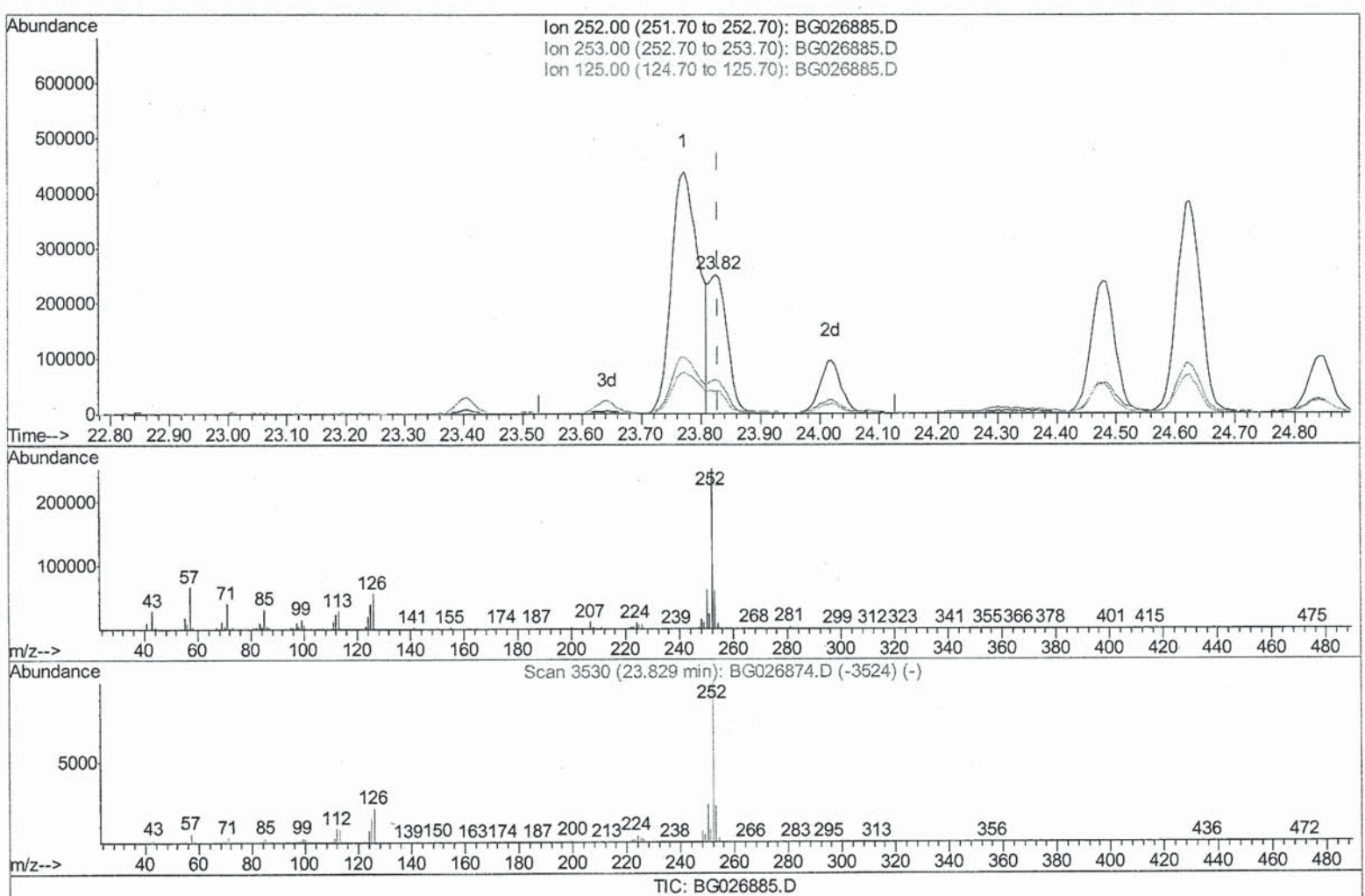
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(86) Benzo(k)fluoranthene

23.825min (-0.004) 11.24ng/ul m

SJ 5/12/17

response 554590

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.19
125.00	5.10	15.94#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	193976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	935401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	494855	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	911896	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	838233	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	878824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	16665	3.87	ng/uL	0.00
5) Phenol-d5	7.19	99	399266	23.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	232680	22.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	321022	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	325516	22.66	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	166991	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	178293	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	280364	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	356717	19.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	854710	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1130158	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	117095	16.31	ng/ul	0.00
57) Fluorene-d10	15.61	176	729713	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	70151	12.67	ng/ul	0.00
70) Anthracene-d10	17.46	188	980030	22.14	ng/ul	0.00
76) Pyrene-d10	19.74	212	978589	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	940390	22.63	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.21	94	35768	2.04	ng/ul#	76
28) Naphthalene	10.86	128	405453	8.33	ng/ul	98
34) 2-Methylnaphthalene	12.46	142	190131	5.26	ng/ul	90
40) 1,1'-Biphenyl	13.45	154	54529	1.31	ng/ul#	96
44) Dimethylphthalate	14.07	163	242321	6.21	ng/ul	97
49) Acenaphthene	14.68	153	248928	7.02	ng/ul	98
53) Dibenzofuran	15.02	168	385824	8.18	ng/ul	93
58) Fluorene	15.66	166	357181	9.27	ng/ul	96
69) Phenanthrene	17.40	178	2866013	55.79	ng/ul	94
71) Anthracene	17.49	178	955267	18.13	ng/ul	99
72) Carbazole	17.76	167	377821	8.48	ng/ul	99
74) Fluoranthene	19.41	202	2774872	58.18	ng/ul#	72
77) Pyrene	19.76	202	2317904	41.22	ng/ul#	69
80) Benzo(a)anthracene	21.59	228	1352427	27.59	ng/ul	98
82) Chrysene	21.65	228	1126151	24.73	ng/ul	97
85) Benzo(b)fluoranthene	23.77	252	1388782	27.66	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	554590m	11.24	ng/ul	57 5/12/17
88) Benzo(a)pyrene	24.62	252	1052908	21.30	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.37	276	640892	10.94	ng/ul#	77
90) Dibenzo(a,h)anthracene	28.40	278	166262	3.35	ng/ul#	87
91) Benzo(g,h,i)perylene	29.50	276	514710	10.59	ng/ul#	82

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