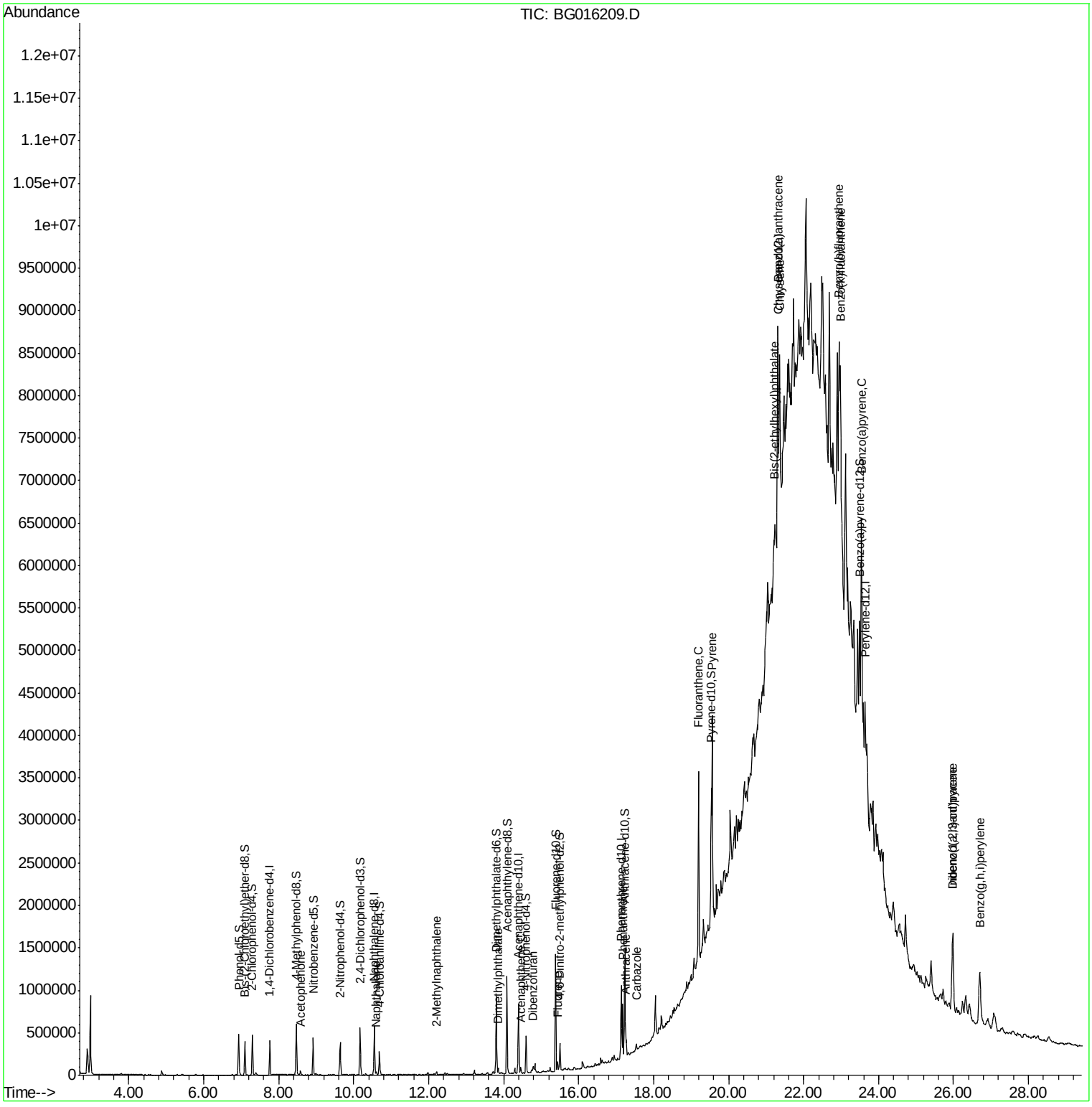
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016209.D
Acq On : 31 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 01 07:19:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



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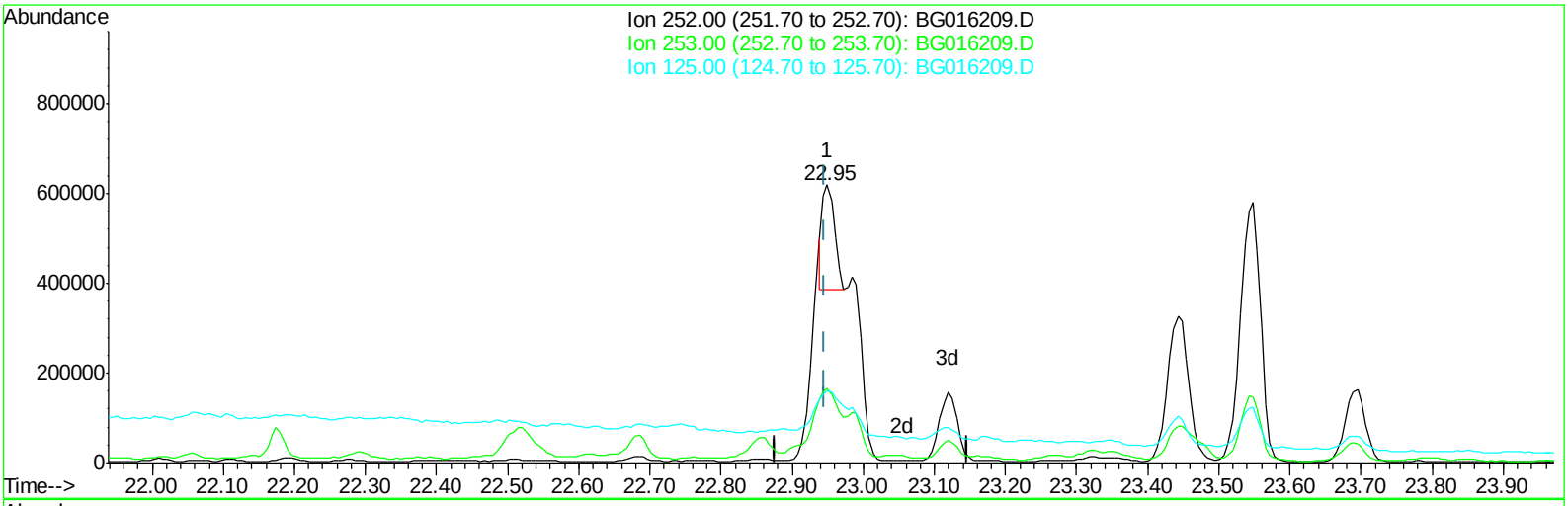

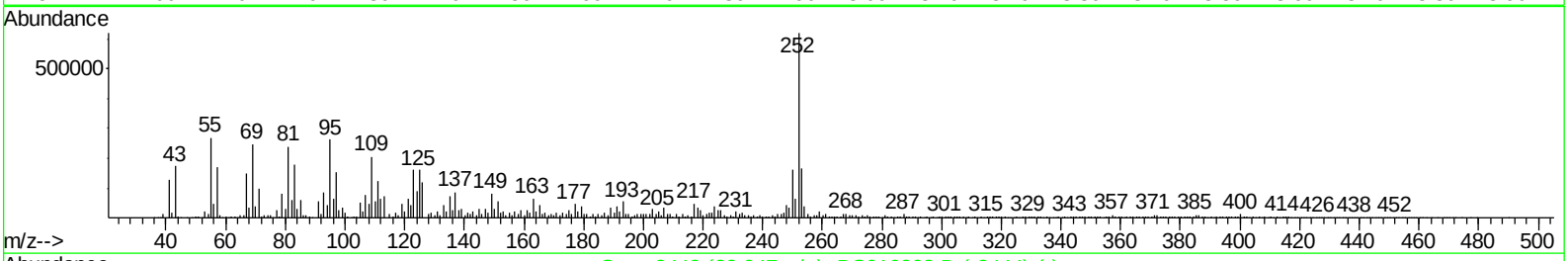

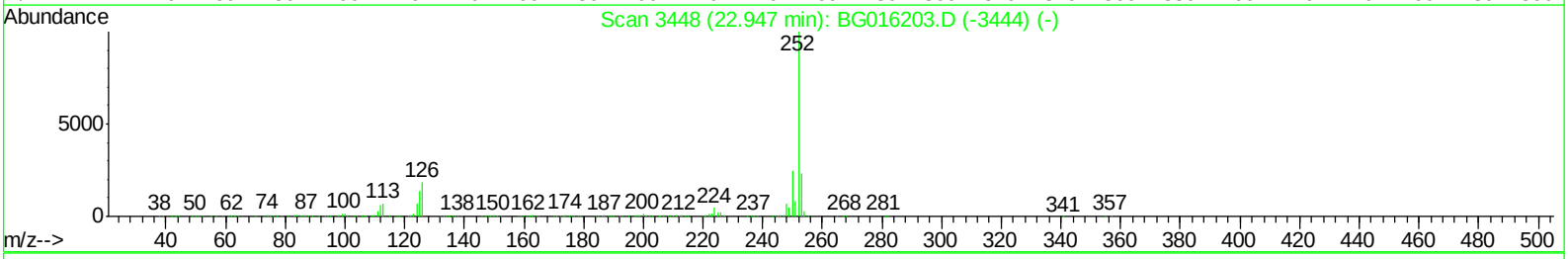

TIC: BG016209.D

(86) Benzo(k)fluoranthene

22.949min (+0.002) 10.17ng/ul

response 280917

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.79
125.00	14.70	25.96#
0.00	0.00	0.00

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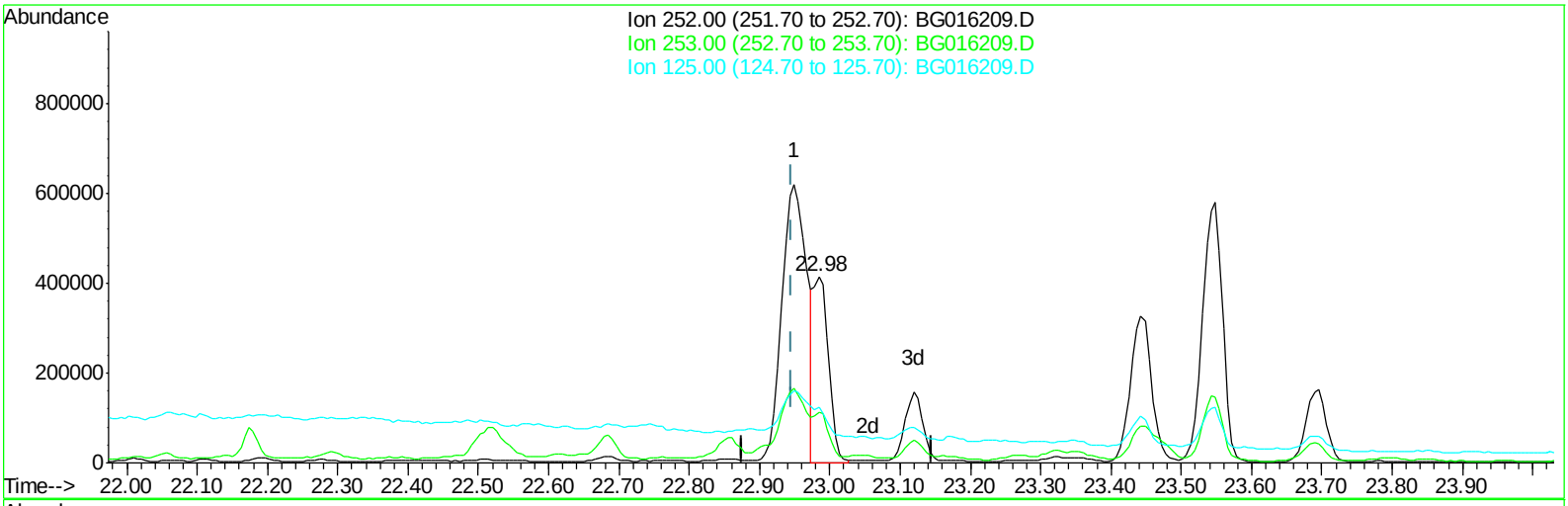

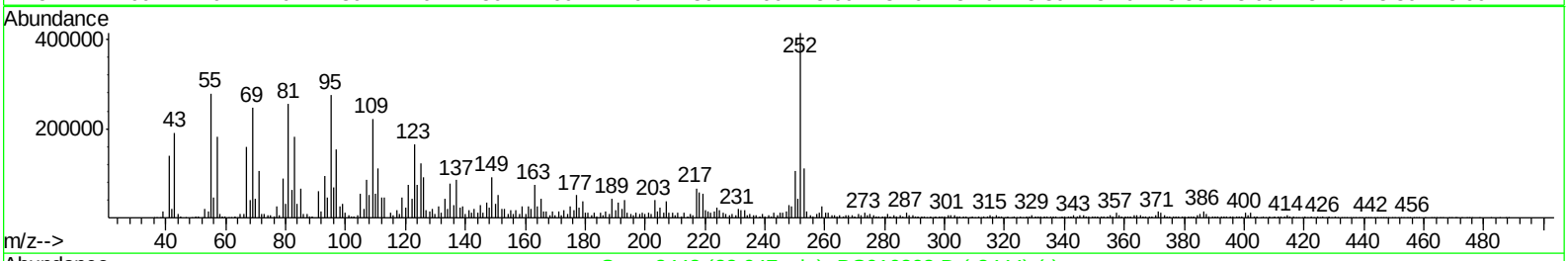

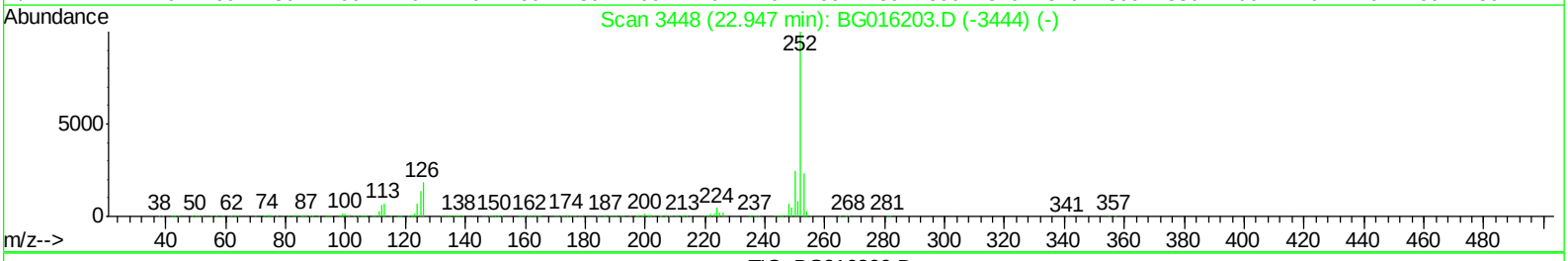

TIC: BG016209.D

(86) Benzo(k)fluoranthene

22.984min (+0.038) 21.98ng/ul m

response 606860

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	26.98
125.00	14.70	29.82#
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	7.77	152	103898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	457848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	255968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	452666	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	492575	20.00	ng/ul	0.01
83) Perylene-d12	23.64	264	479853	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.93	96	132	0.06	ng/uL	-0.31
5) Phenol-d5	6.94	99	279723	29.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	163916	29.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	219379	29.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	220546	29.72	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	117940	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	128842	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	197876	28.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	162115	17.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	550719	32.55	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	731631	30.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	115818	27.16	ng/ul	0.00
57) Fluorene-d10	15.39	176	491571	29.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	68066	22.01	ng/ul	0.00
70) Anthracene-d10	17.24	188	651126	31.30	ng/ul	0.00
76) Pyrene-d10	19.54	212	623654	27.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	606757	28.02	ng/ul	0.05
Target Compounds						Qvalue
14) Acetophenone	8.58	105	23990	2.14	ng/ul	99
28) Naphthalene	10.60	128	26788	1.09	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	19550	1.12	ng/ul	98
44) Dimethylphthalate	13.85	163	37401	1.97	ng/ul#	97
49) Acenaphthene	14.46	153	29365	1.65	ng/ul	90
53) Dibenzofuran	14.79	168	33622	1.45	ng/ul	100
58) Fluorene	15.44	166	37634	1.85	ng/ul	97
69) Phenanthrene	17.18	178	337405	13.13	ng/ul	99
71) Anthracene	17.27	178	117352	4.47	ng/ul	99
72) Carbazole	17.54	167	39993	1.58	ng/ul#	91
74) Fluoranthene	19.20	202	1135059	39.74	ng/ul	99
77) Pyrene	19.56	202	1263506	41.32	ng/ul	95
80) Benzo(a)anthracene	21.31	228	831690	29.17	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.23	149	89338	4.61	ng/ul	97
82) Chrysene	21.36	228	742619	28.04	ng/ul	95
85) Benzo(b)fluoranthene	22.95	252	1513509	52.81	ng/ul#	82
86) Benzo(k)fluoranthene	22.98	252	606860m	21.98	ng/ul	
88) Benzo(a)pyrene	23.55	252	1139839	41.72	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.98	276	805781	25.23	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.98	278	191971	7.22	ng/ul#	74
91) Benzo(g,h,i)perylene	26.70	276	669669	25.65	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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