Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017905.D
Acq On : 16 Jul 2015 4:50
Operator : TP/UM
Sample : MDL-03-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jul 16 06:52:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

Manual Integrations APPROVED
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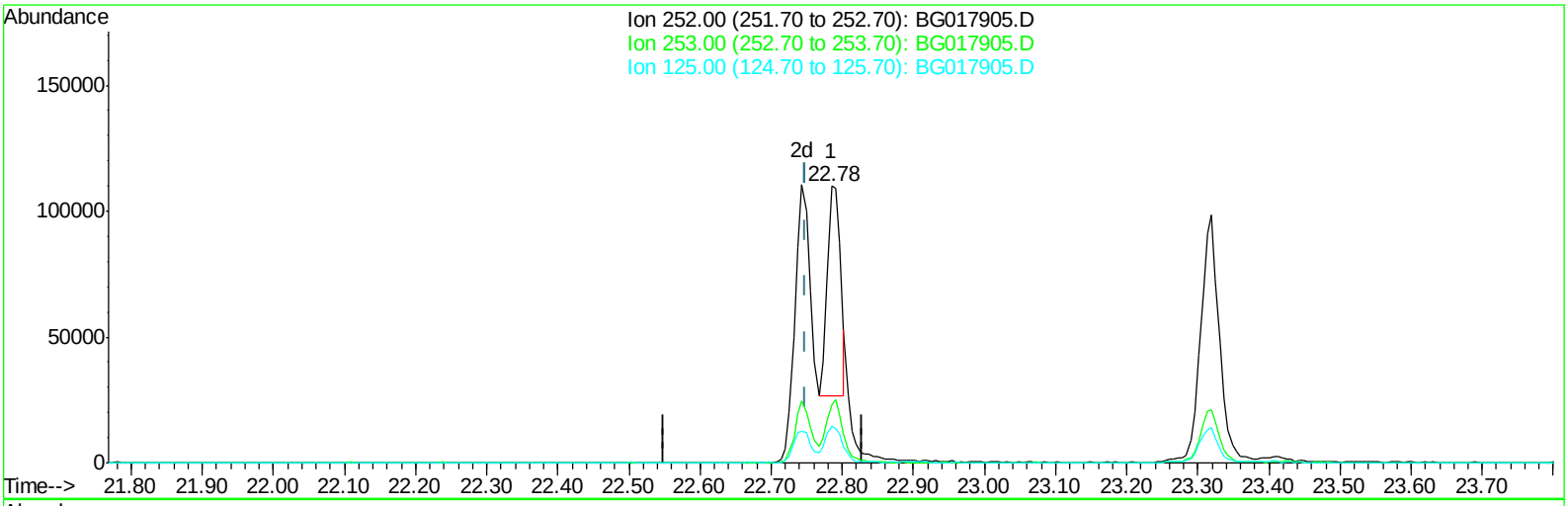

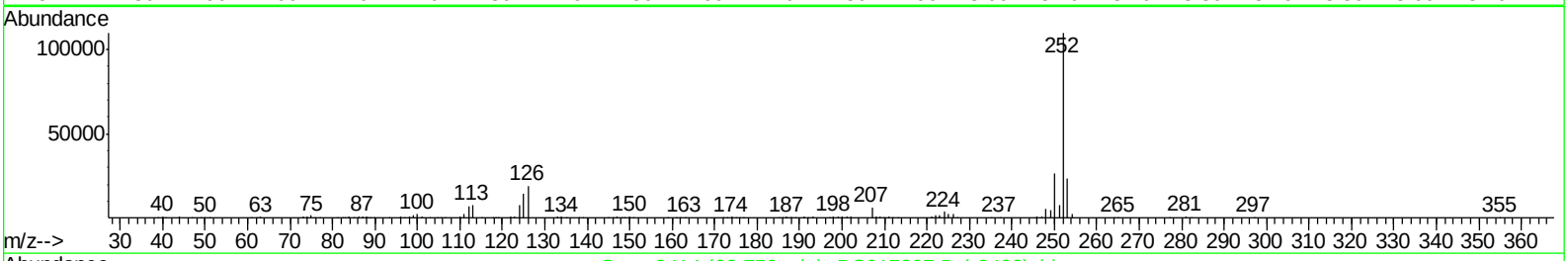

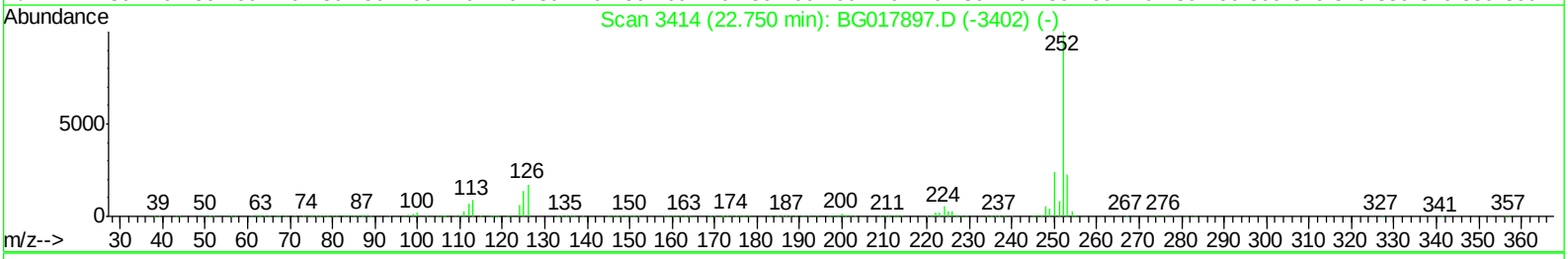

TIC: BG017905.D

(87) Benzo(b)fluoranthene

22.785min (+0.035) 3.93ng/ul

response 109368

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.04
125.00	14.40	13.15
0.00	0.00	0.00

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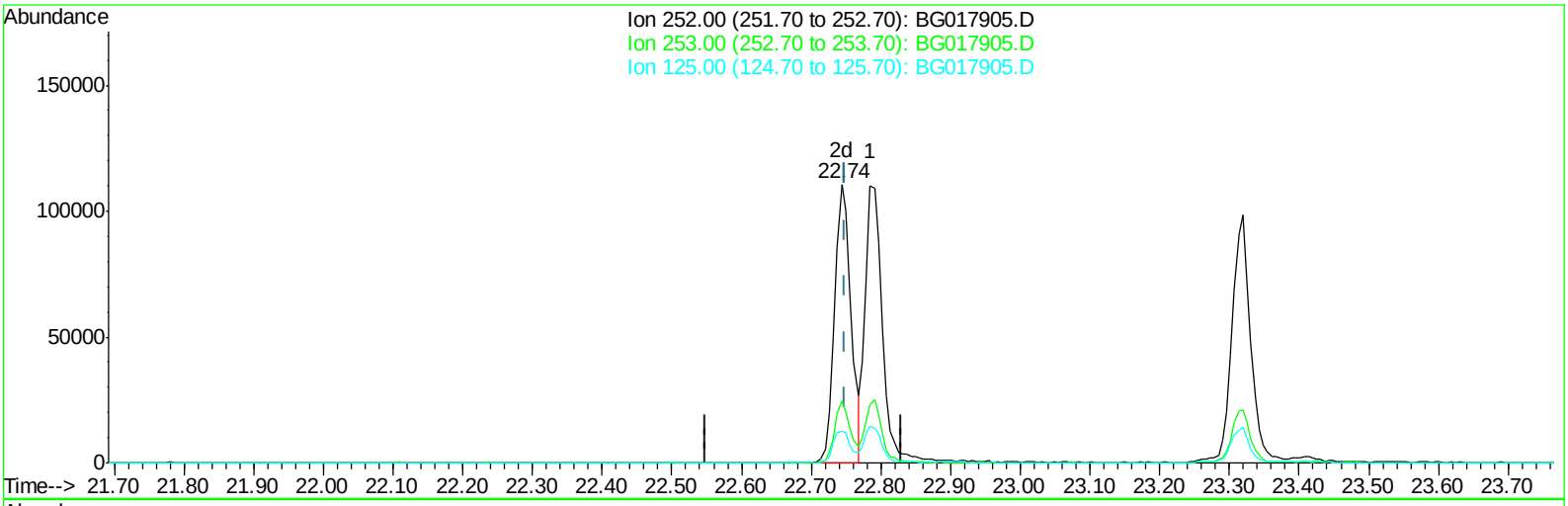

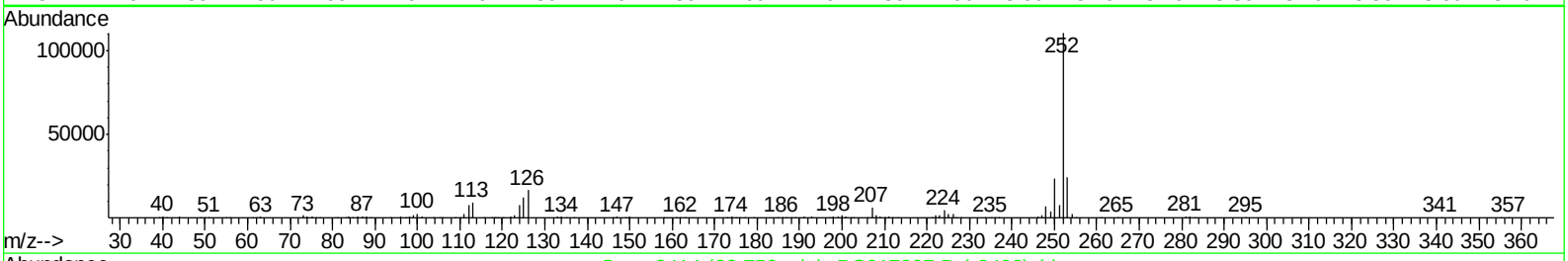

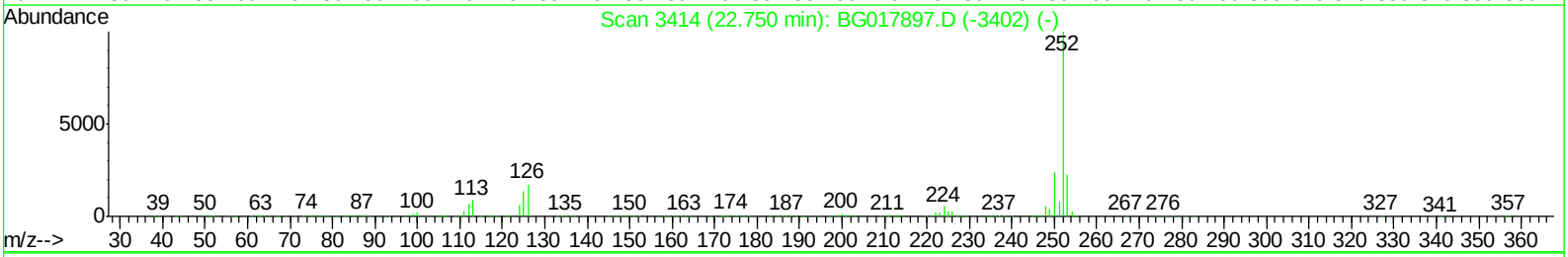

TIC: BG017905.D

(87) Benzo(b)fluoranthene

22.743min (-0.006) 6.44ng/ul m

response 179440

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.21
125.00	14.40	11.36#
0.00	0.00	0.00

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Instrument : BNA_G
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Quant Time: Jul 16 07:18:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	91571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	416930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	251251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	516550	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	533535	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	504721	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11826	4.62	ng/uL	0.00
5) Phenol-d5	6.76	99	212351	26.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	128632	23.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	183656	29.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	176066	29.08	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	92008	28.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	83324	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	157194	31.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	261454	36.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	550808	31.44	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	694751	30.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	94057	28.45	ng/ul	0.00
57) Fluorene-d10	15.24	176	500219	30.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	48985	20.27	ng/ul	0.00
70) Anthracene-d10	17.10	188	750116	32.04	ng/ul	0.00
78) Pyrene-d10	19.40	212	820277	32.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	760733	30.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2992	1.09	ng/uL#	91
4) Benzaldehyde	6.74	77	31709	6.86	ng/ul	94
6) Phenol	6.79	94	46280	5.34	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.02	93	39088	5.53	ng/ul	88
10) 2-Chlorophenol	7.15	128	38458	6.21	ng/ul#	85
11) 2-Methylphenol	8.03	108	33155	5.27	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.13	45	45712	4.45	ng/ul#	92
14) Acetophenone	8.40	105	56428	5.60	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.39	70	30377	4.89	ng/ul#	88
16) 4-Methylphenol	8.35	108	38718	5.64	ng/ul	94
17) Hexachloroethane	8.65	117	15133	5.12	ng/ul#	86
20) Nitrobenzene	8.78	77	42880	5.00	ng/ul#	85
21) Isophorone	9.30	82	80947	5.04	ng/ul#	93
23) 2-Nitrophenol	9.49	139	19587	6.75	ng/ul#	75
24) 2,4-Dimethylphenol	9.55	107	39770	5.36	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	48465	5.37	ng/ul	95
27) 2,4-Dichlorophenol	10.01	162	33688	6.67	ng/ul	90
28) Naphthalene	10.42	128	128269	5.95	ng/ul	99
30) 4-Chloroaniline	10.53	127	48499	6.47	ng/ul	96
31) Hexachlorobutadiene	10.70	225	20655	6.49	ng/ul	94
32) Caprolactam	11.31	113	13812	3.73	ng/ul#	65
33) 4-Chloro-3-methylphenol	11.66	107	35304	5.69	ng/ul#	88
34) 2-Methylnaphthalene	12.04	142	90730	6.20	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	42299	6.40 ng/ul#	92
37) Hexachlorocyclopentadiene	12.40	237	17591	5.12 ng/ul#	89
38) 2,4,6-Trichlorophenol	12.66	196	20149	5.62 ng/ul	87
39) 2,4,5-Trichlorophenol	12.73	196	21658	5.54 ng/ul	92
40) 1,1'-Biphenyl	13.07	154	118223	6.08 ng/ul#	93
41) 2-Chloronaphthalene	13.11	162	90182	6.04 ng/ul#	93
42) 2-Nitroaniline	13.32	65	18723	4.28 ng/ul#	85
44) Dimethylphthalate	13.71	163	120580	6.55 ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	19056	5.68 ng/ul	95
47) Acenaphthylene	13.96	152	152122	6.04 ng/ul	96
48) 3-Nitroaniline	14.15	138	20702	5.42 ng/ul	95
49) Acenaphthene	14.31	153	99792	5.89 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	2452	1.74 ng/ul#	86
52) 4-Nitrophenol	14.46	109	14181	5.06 ng/ul#	83
53) Dibenzofuran	14.64	168	140705	6.31 ng/ul	93
54) 2,4-Dinitrotoluene	14.61	165	27273	5.67 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.88	232	18400	6.09 ng/ul#	79
56) Diethylphthalate	15.08	149	119055	6.29 ng/ul	97
58) Fluorene	15.29	166	118862	6.14 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.30	204	58141	6.46 ng/ul	88
60) 4-Nitroaniline	15.32	138	25326	5.56 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.38	198	11176	4.15 ng/ul#	85
64) N-Nitrosodiphenylamine	15.51	169	96011	6.10 ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	32179	6.49 ng/ul#	89
66) Hexachlorobenzene	16.30	284	36588	6.80 ng/ul#	93
67) Atrazine	16.47	200	34272	6.35 ng/ul	90
68) Pentachlorophenol	16.65	266	11031	4.14 ng/ul#	84
69) Phenanthrene	17.04	178	181371	6.36 ng/ul	99
71) Anthracene	17.13	178	192187	6.58 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	38567	5.87 ng/uL	97
73) Pentachlorobenzene	14.56	250	45830	7.27 ng/uL	97
74) Carbazole	17.40	167	168879	6.63 ng/ul	97
75) Di-n-butylphthalate	17.98	149	198776	6.22 ng/ul#	98
76) Fluoranthene	19.07	202	198091	6.84 ng/ul#	94
79) Pyrene	19.43	202	222764	6.78 ng/ul	96
80) Butylbenzylphthalate	20.35	149	76990	5.80 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	44713	5.59 ng/ul	98
82) Benzo(a)anthracene	21.18	228	198052	6.72 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	104352	5.67 ng/ul	96
84) Chrysene	21.23	228	190565	6.74 ng/ul	98
86) Di-n-octyl phthalate	22.00	149	158739	5.37 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	179440m	6.44 ng/ul	
88) Benzo(k)fluoranthene	22.78	252	185133	6.45 ng/ul	96
90) Benzo(a)pyrene	23.32	252	184781	6.61 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	189004	6.32 ng/ul	92
92) Dibenzo(a,h)anthracene	25.67	278	159084	6.25 ng/ul	97
93) Benzo(g,h,i)perylene	26.33	276	160478	6.41 ng/ul	97

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

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