Data Path : Z:\HPCHEM1\BNA G\DATA\BG030717\
Data File : BG026093.D
Acq On : 7 Mar 2017 12:51
Operator : SJ/MA
Sample : SSTD08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 13:37:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 12:37:31 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08007

Manual Integrations APPROVED
mohammad
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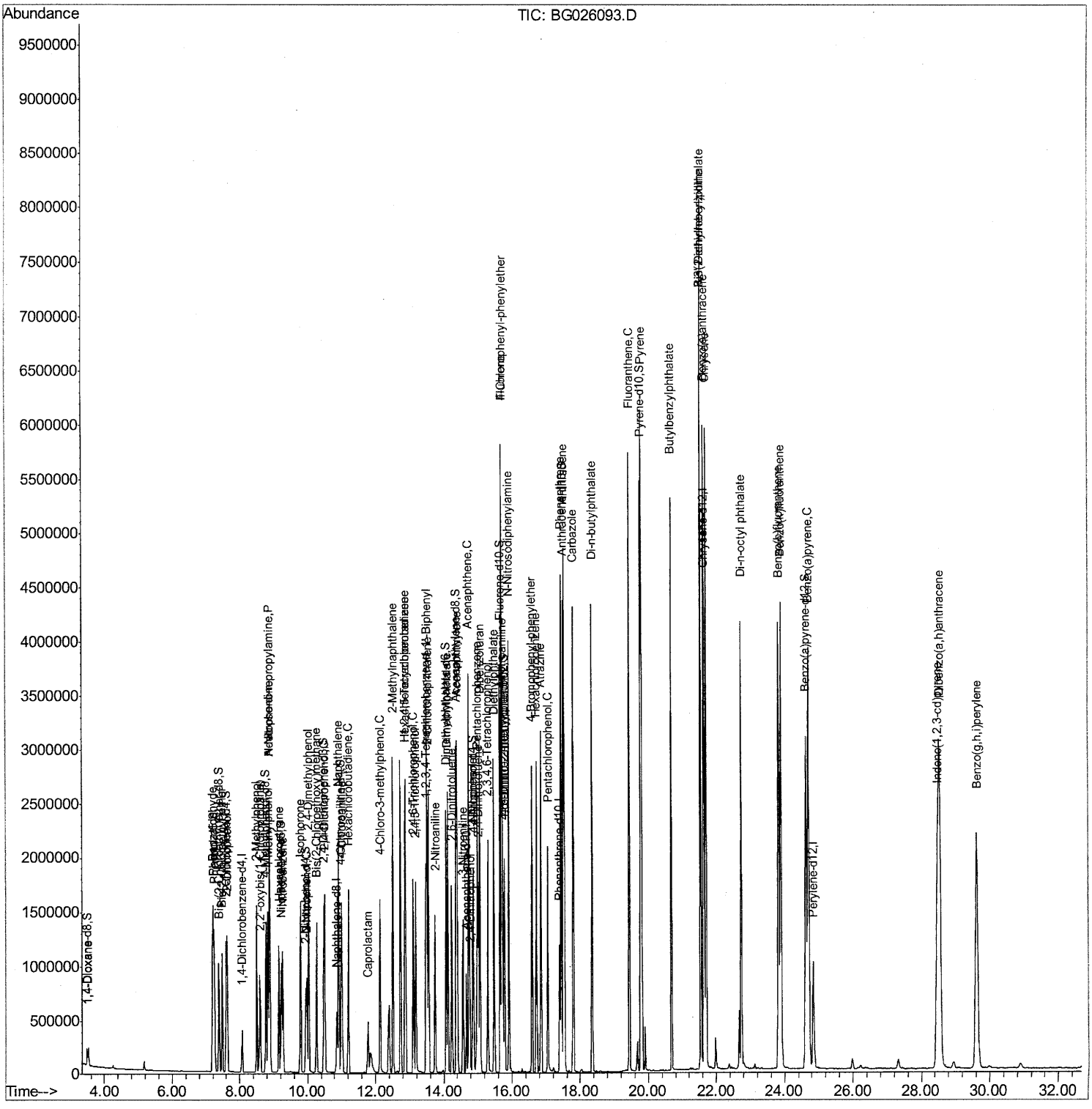

Quantitation Report (Qedit)

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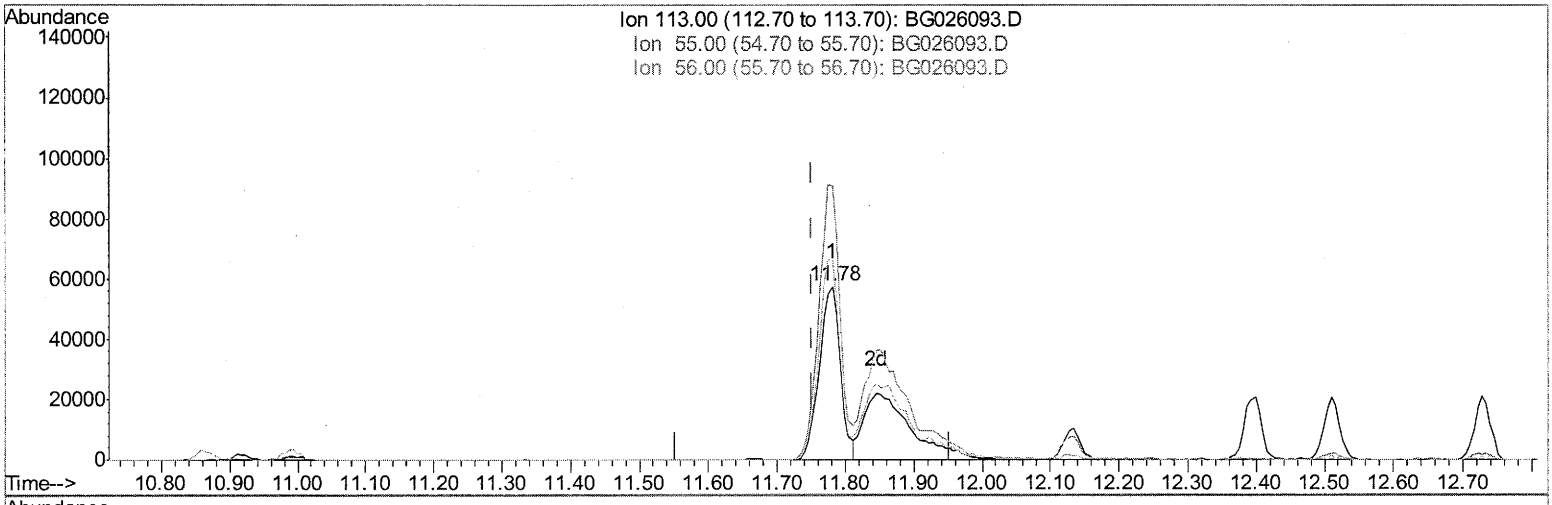

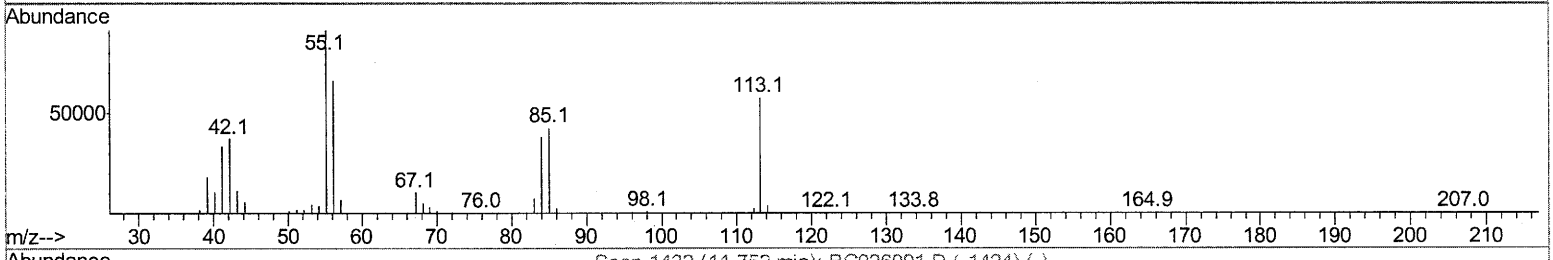

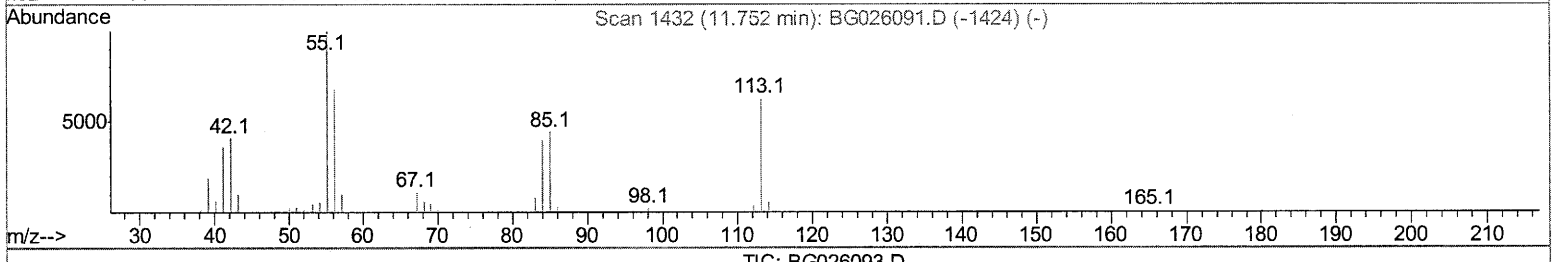

TIC: BG026093.D

(32) Caprolactam

11.781min (+0.029) 39.64ng/ul

response 122146

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	158.28#
56.00	101.50	114.81
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED
mohammad
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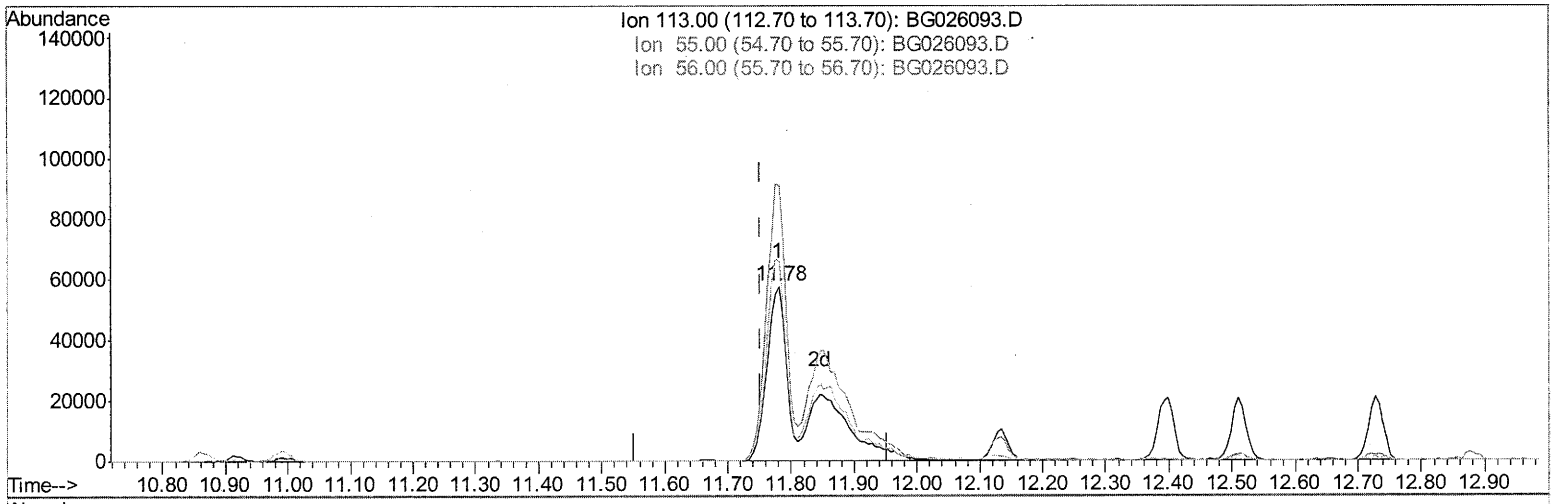

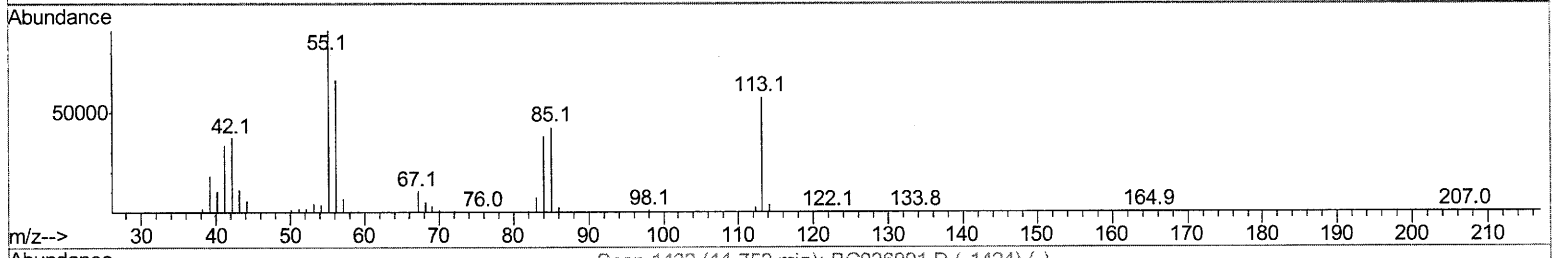

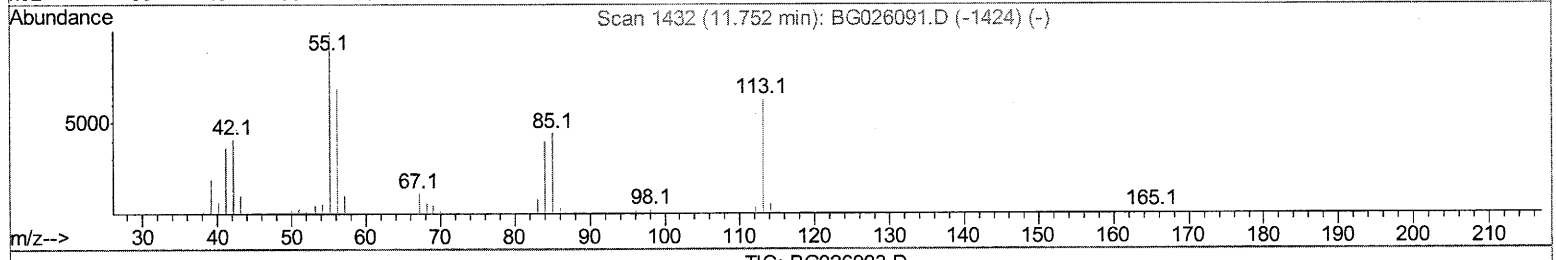

TIC: BG026093.D

(32) Caprolactam

11.781min (+0.029) 73.71ng/ul m SJ 3/8/17

response 227141

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	158.28#
56.00	101.50	114.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SJ/MA
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Instrument :
BNA_G
ClientSampleId :
SSTD08007

Manual Integrations APPROVED
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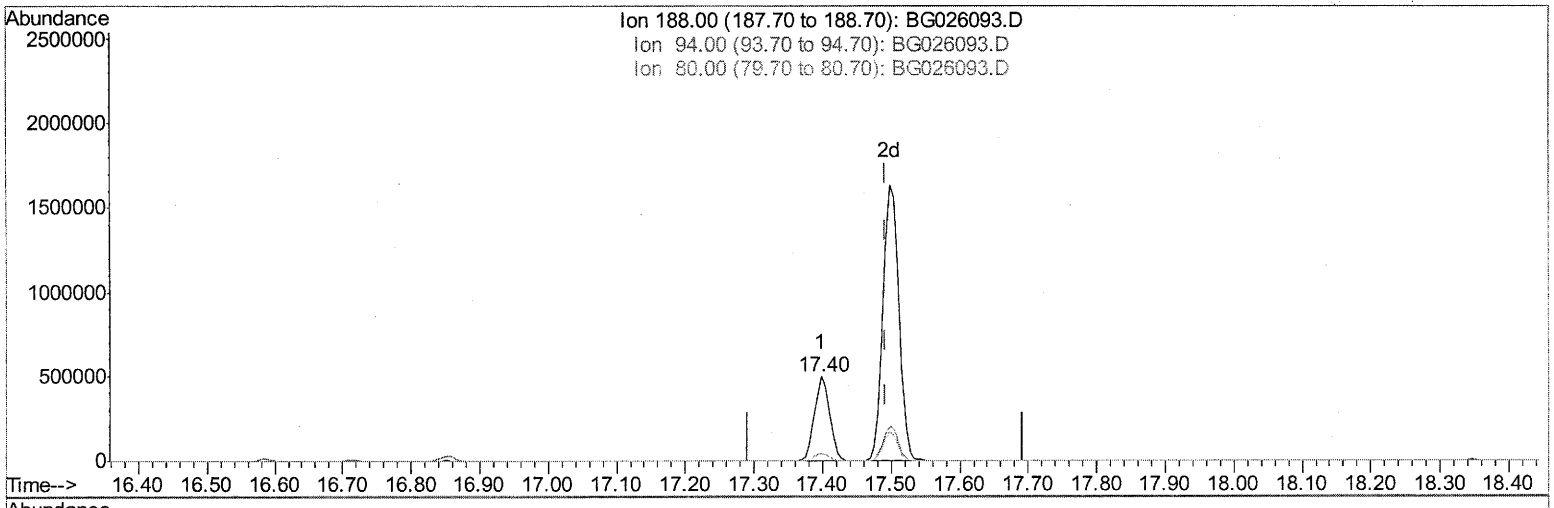
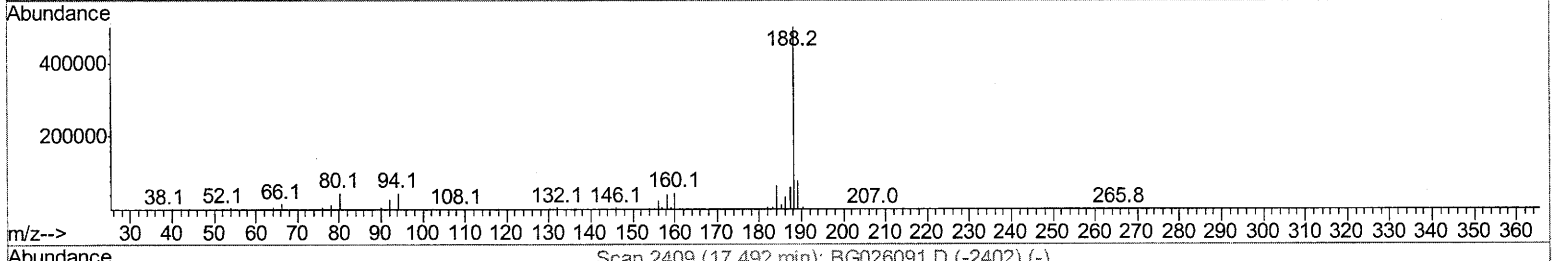
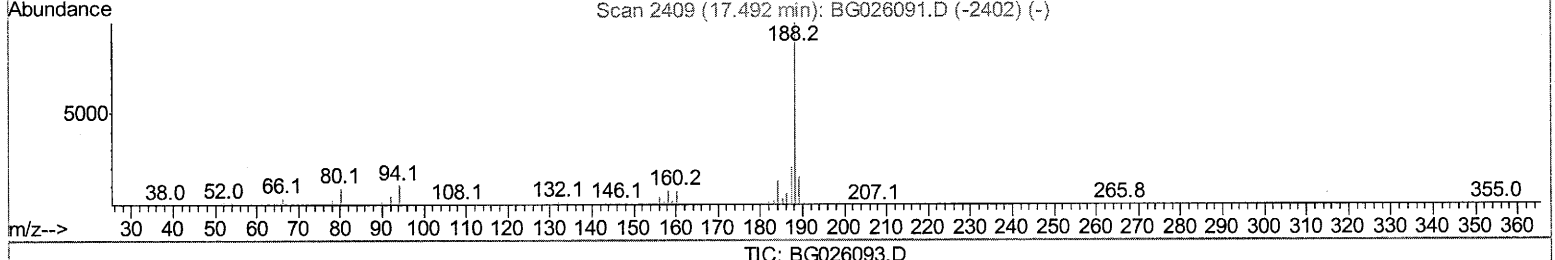
3/8/2017 1:47:48 PM







TIC: BG026093.D

(70) Anthracene-d10 (S)

17.398min (-0.094) 22.04ng/ul

response 763808

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	8.95
80.00	9.10	9.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Instrument :
BNA_G
ClientSampleId :
SSTD08007

Manual Integrations APPROVED
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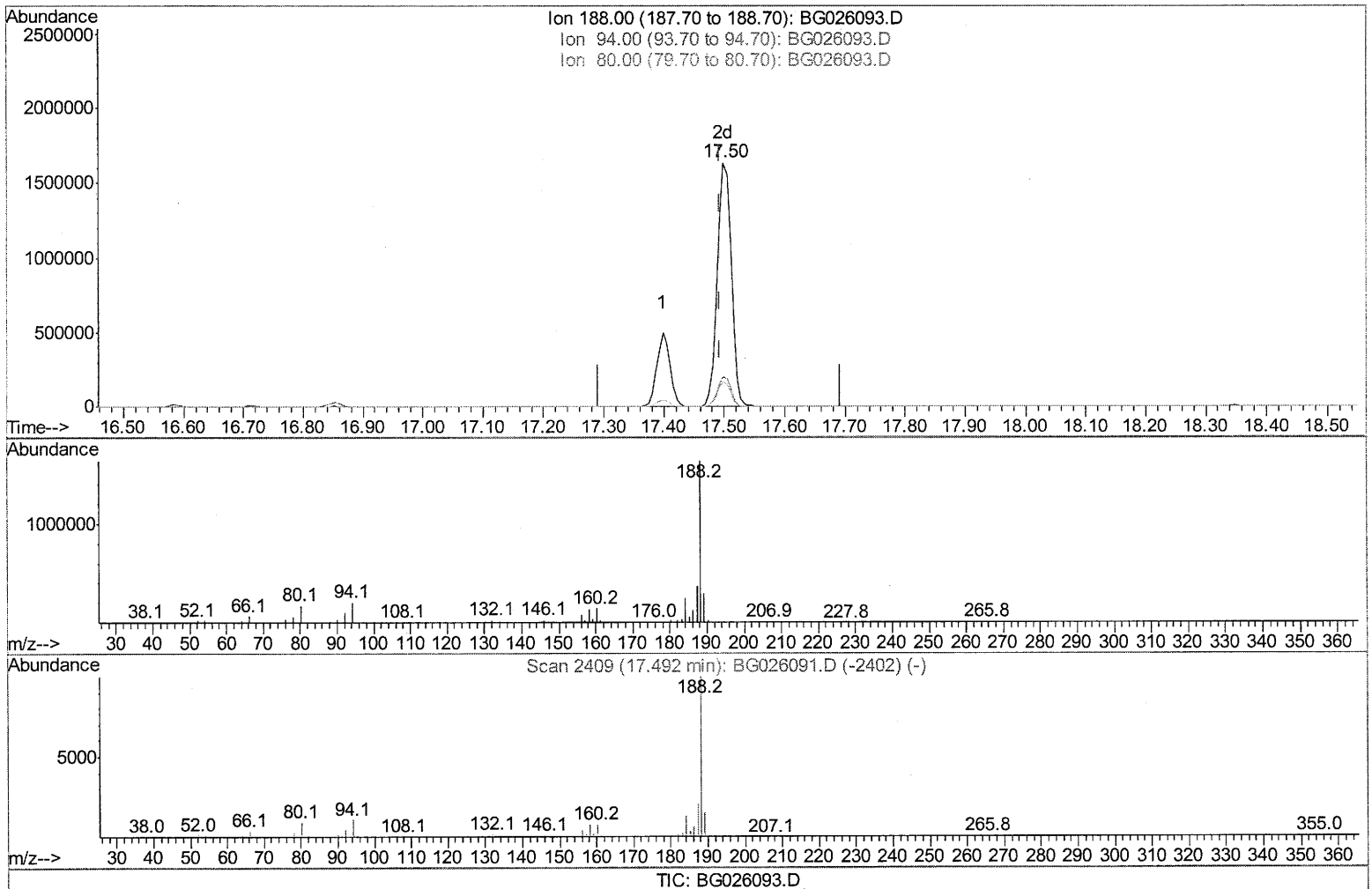

TIC: BG026093.D

(70) Anthracene-d10 (S)

17.498min (+0.006) 76.07ng/ul m SJ 3/8/17

response 2636185

Ion	Exp%	Act%
188.00	100	100
94.00	10.10	12.44#
80.00	9.10	10.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 7 Mar 2017 12:51
Operator : SJ/MA
Sample : SSTD08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations APPROVED
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Quant Time: Mar 07 13:37:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	121415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	524159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	349306	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	763808	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	924303	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	958103	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	89780	33.03	ng/uL	0.00
5) Phenol-d5	7.22	99	772461	67.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	463893	66.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	654126	75.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	617821	65.27	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	327959	97.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	324280	88.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	644784	83.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	786593	79.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	1856811	72.53	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	2281285	77.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	409948	83.80	ng/ul	0.01
57) Fluorene-d10	15.65	176	1716124	75.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	347470	89.17	ng/ul	0.01
70) Anthracene-d10	17.50	188	2636185m	76.07	ng/ul	0.00
78) Pyrene-d10	19.77	212	3010821	68.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	3429429	80.58	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	93090	32.53	ng/uL#	76
4) Benzaldehyde	7.20	77	461012	65.91	ng/ul	93
6) Phenol	7.25	94	793392	66.38	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	622760	70.07	ng/ul	89
10) 2-Chlorophenol	7.63	128	624441	73.89	ng/ul#	91
11) 2-Methylphenol	8.50	108	610656	66.60	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.60	45	718701	57.49	ng/ul#	92
14) Acetophenone	8.88	105	931902	65.14	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.87	70	453154	63.28	ng/ul	93
16) 4-Methylphenol	8.83	108	655180	63.88	ng/ul	99
17) Hexachloroethane	9.15	117	241122	79.28	ng/ul	97
20) Nitrobenzene	9.27	77	661002	83.15	ng/ul	94
21) Isophorone	9.79	82	1291988	72.41	ng/ul	96
23) 2-Nitrophenol	9.98	139	336902	85.71	ng/ul#	89
24) 2,4-Dimethylphenol	10.03	107	662498	74.60	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.27	93	807035	73.55	ng/ul	98
27) 2,4-Dichlorophenol	10.51	162	615643	80.78	ng/ul	98
28) Naphthalene	10.92	128	1986037	76.93	ng/ul	96
30) 4-Chloroaniline	11.02	127	744040	77.71	ng/ul	98
31) Hexachlorobutadiene	11.21	225	394189	90.40	ng/ul	98
32) Caprolactam	11.78	113	227141m	73.71	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	629471	71.26	ng/ul	89
34) 2-Methylnaphthalene	12.51	142	1513429	74.60	ng/ul	99

SJ 3/8/17

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	753565	88.45	ng/ul	98
37) Hexachlorocyclopentadiene	12.86	237	438216	88.00	ng/ul	100
38) 2,4,6-Trichlorophenol	13.11	196	476170	85.45	ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	514809	83.23	ng/ul	98
40) 1,1'-Biphenyl	13.51	154	1888738	75.66	ng/ul	96
41) 2-Chloronaphthalene	13.56	162	1432944	79.15	ng/ul	94
42) 2-Nitroaniline	13.75	65	415671	82.84	ng/ul	97
44) Dimethylphthalate	14.12	163	1781617	72.05	ng/ul#	96
45) 2,6-Dinitrotoluene	14.24	165	429053	99.79	ng/ul	93
47) Acenaphthylene	14.40	152	2254636	74.93	ng/ul#	93
48) 3-Nitroaniline	14.57	138	425551	87.49	ng/ul	94
49) Acenaphthene	14.73	153	1638558	76.53	ng/ul	99
50) 2,4-Dinitrophenol	14.77	184	211730	86.70	ng/ul#	86
52) 4-Nitrophenol	14.87	109	232745	79.86	ng/ul#	63
53) Dibenzofuran	15.07	168	2215242	73.30	ng/ul	96
54) 2,4-Dinitrotoluene	15.02	165	630743	100.28	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.29	232	477128	82.93	ng/ul#	89
56) Diethylphthalate	15.48	149	1846583	71.93	ng/ul	94
58) Fluorene	15.71	166	1855293	73.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.70	204	903192	77.08	ng/ul	89
60) 4-Nitroaniline	15.73	138	499074	86.73	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.79	198	368312	88.16	ng/ul#	87
64) N-Nitrosodiphenylamine	15.91	169	1650308	74.79	ng/ul	93
65) 4-Bromophenyl-phenylether	16.59	248	630343	83.04	ng/ul#	88
66) Hexachlorobenzene	16.72	284	679869	84.68	ng/ul#	91
67) Atrazine	16.85	200	658854	82.71	ng/ul	97
68) Pentachlorophenol	17.05	266	414900	81.85	ng/ul	99
69) Phenanthrene	17.45	178	2980553	72.51	ng/ul	92
71) Anthracene	17.53	178	2997574	72.66	ng/ul#	89
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	708896	84.84	ng/uL	98
73) Pentachlorobenzene	14.99	250	725897	82.81	ng/uL	98
74) Carbazole	17.80	167	2940749	79.18	ng/ul#	92
75) Di-n-butylphthalate	18.35	149	3164861	74.57	ng/ul#	95
76) Fluoranthene	19.44	202	3509697	82.20	ng/ul#	91
79) Pyrene	19.81	202	3468849	62.27	ng/ul#	92
80) Butylbenzylphthalate	20.68	149	1563097	75.82	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.54	252	1359003	81.66	ng/ul	99
82) Benzo(a)anthracene	21.63	228	3694557	71.06	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.53	149	2251888	73.27	ng/ul#	89
84) Chrysene	21.69	228	3545134	71.50	ng/ul#	86
86) Di-n-octyl phthalate	22.73	149	3877308	69.57	ng/ul#	96
87) Benzo(b)fluoranthene	23.83	252	4158254	74.67	ng/ul	93
88) Benzo(k)fluoranthene	23.90	252	3928797	73.27	ng/ul#	92
90) Benzo(a)pyrene	24.70	252	4085692	76.63	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	28.48	276	5172389	82.18	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.54	278	4217224	81.05	ng/ul	96
93) Benzo(g,h,i)perylene	29.63	276	4282954	82.07	ng/ul	99

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