

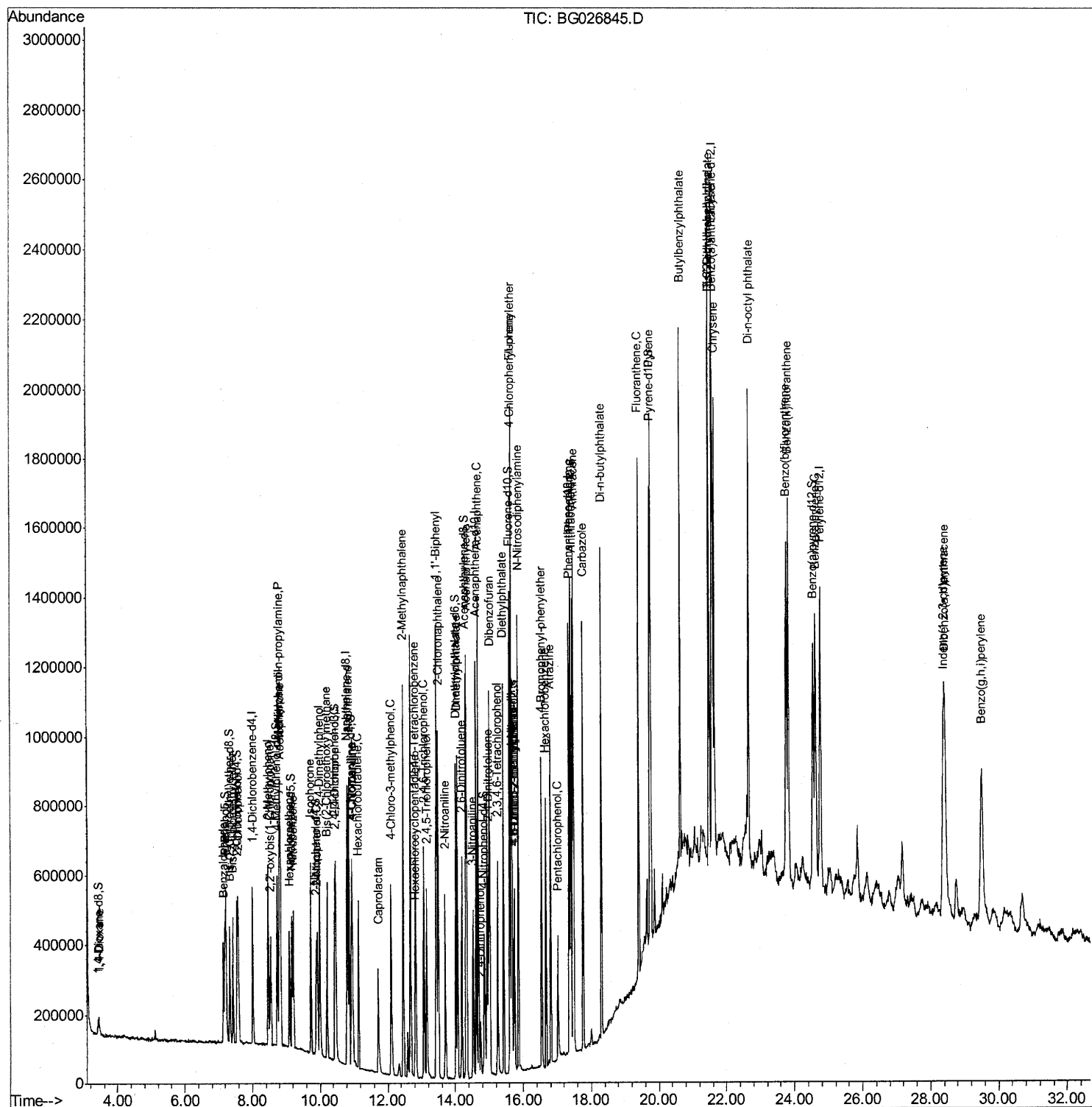
Quantitation Report (QT Reviewed)

ALS Vial : 2 Sample Multiplier: 1

Manual Integrations APPROVED

mohammad
5/3/2017 12:13:45 PM

Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampled :

SSTD02071

Manual Integrations
APPROVED

mohammad
5/3/2017 12:13:45 PM

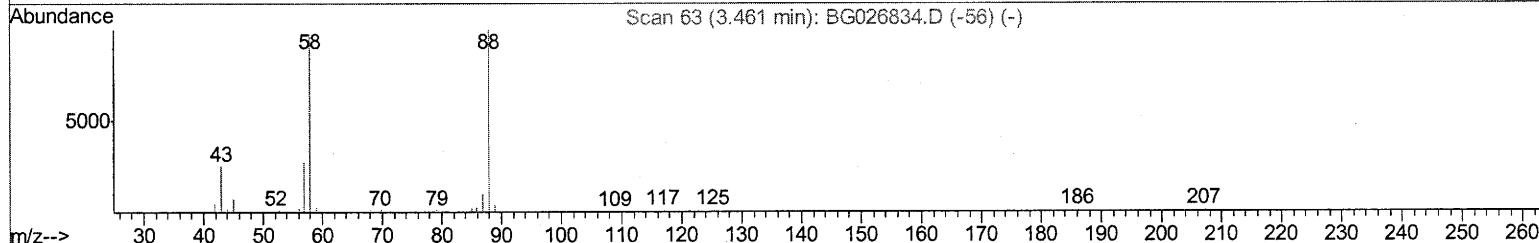
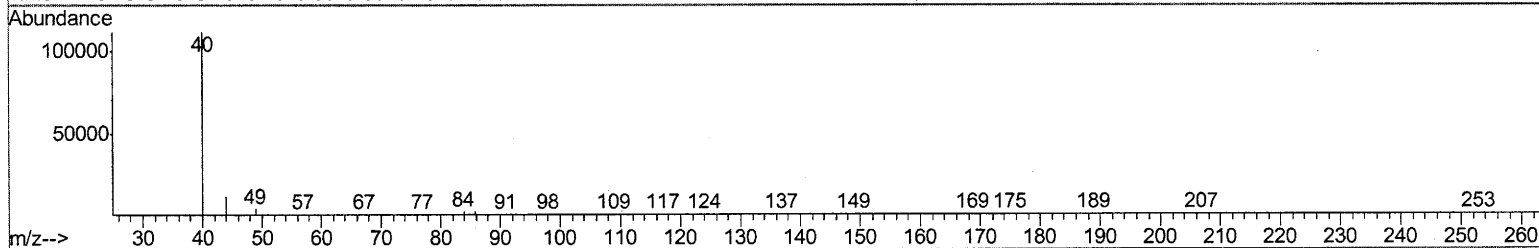
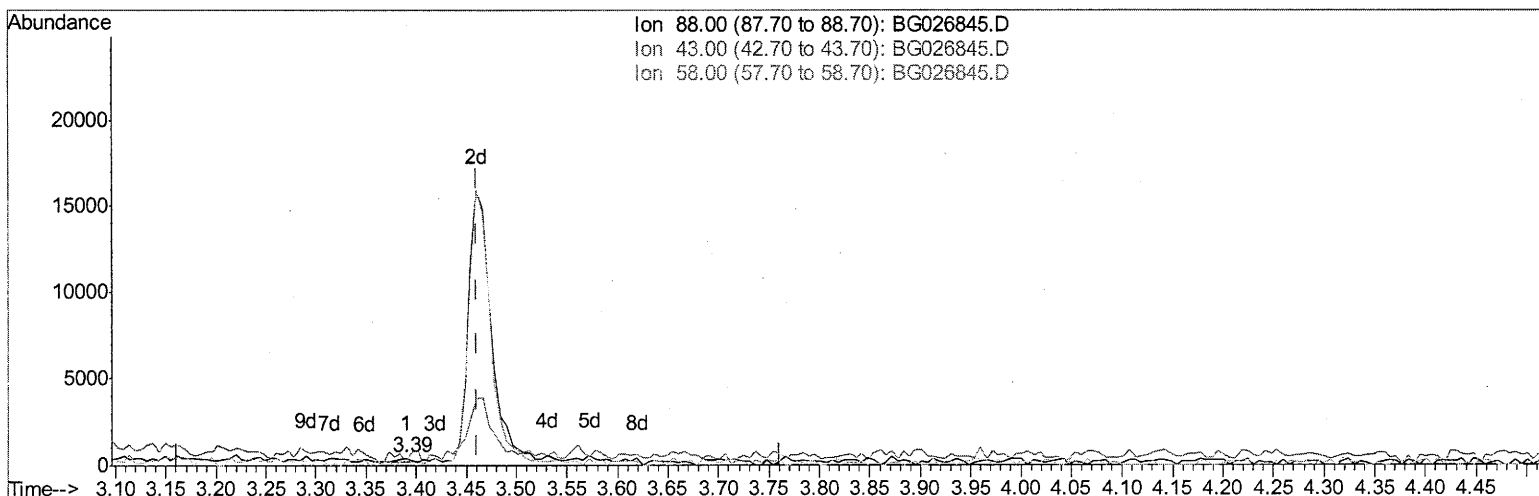
Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration



TIC: BG026845.D

(2) 1,4-Dioxane

3.390min (-0.071) 0.07ng/uL

response 238

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	53.13
58.00	86.70	81.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampleID :

SSTD02071

Manual Integrations
APPROVED

mohammad

5/3/2017 12:13:45 PM

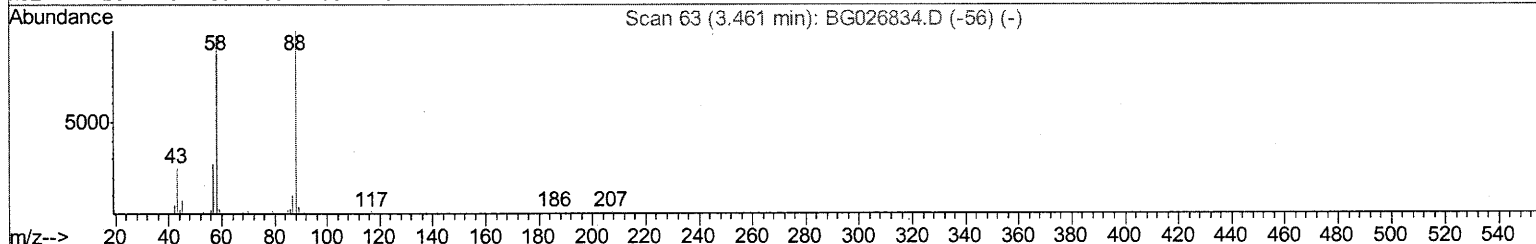
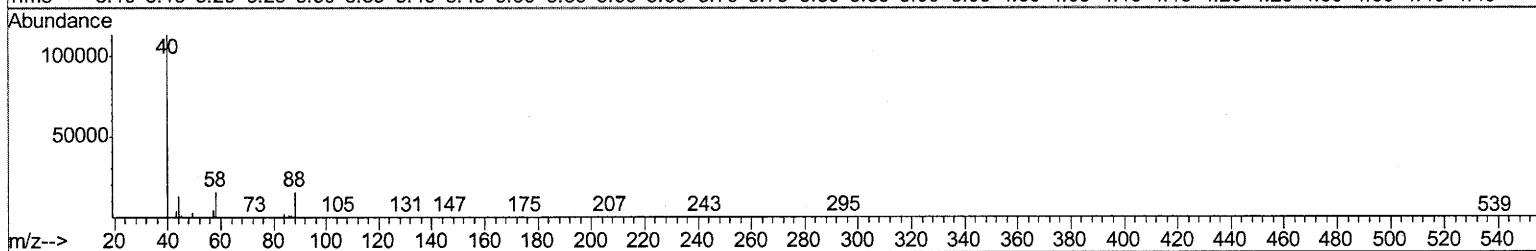
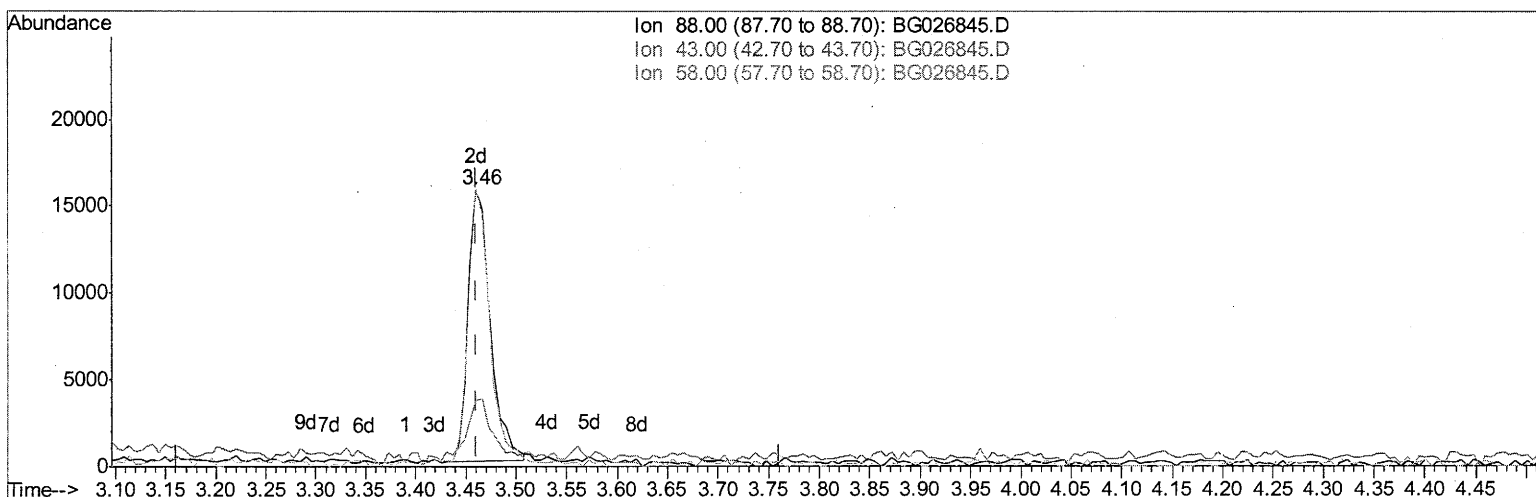
Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration



(2) 1,4-Dioxane

3.461min (-0.000) 7.11ng/uL m

SJ 5/5/17

response 24026

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	24.16#
58.00	86.70	100.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Instrument :

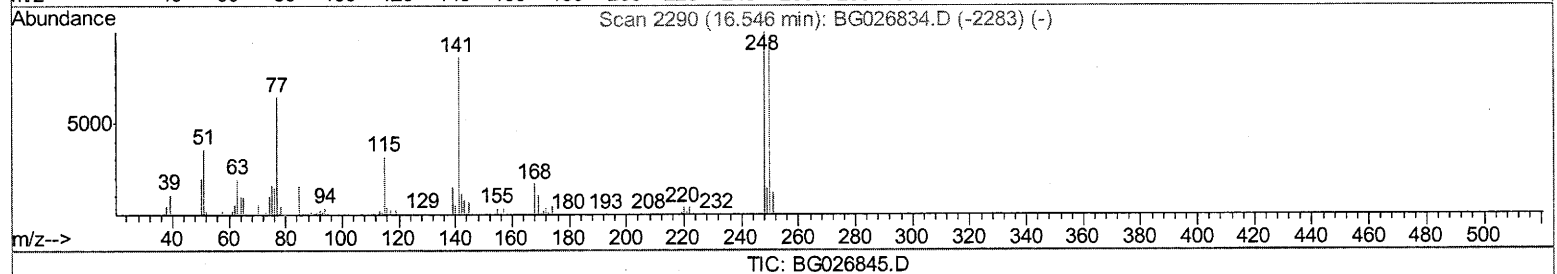
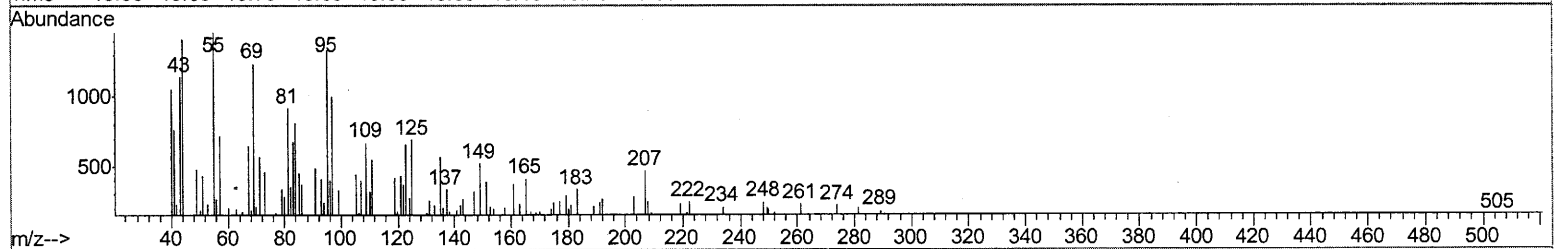
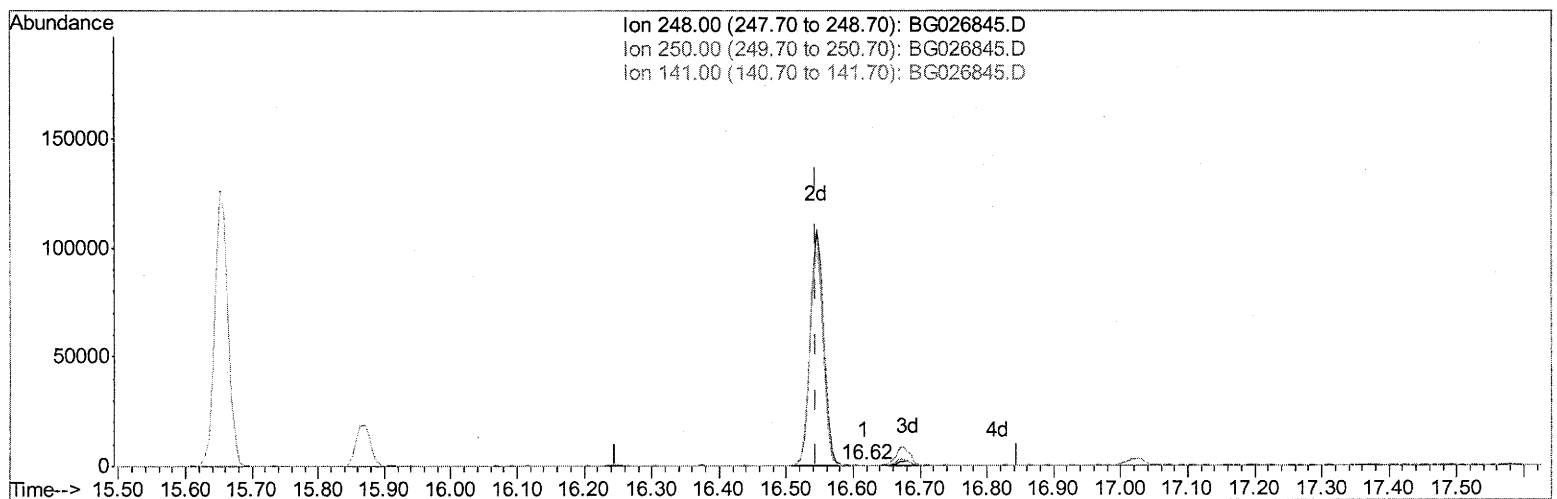
BNA_G

LabSampleId :

SSTD02071

Manual Integrations
APPROVED

mohammad
5/3/2017 12:13:45 PM



(65) 4-Bromophenyl-phenylether

16.616min (+0.070) 0.02ng/ul \$

response 149

Ion	Exp%	Act%
248.00	100	100
250.00	89.90	81.33
141.00	67.30	77.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Instrument :

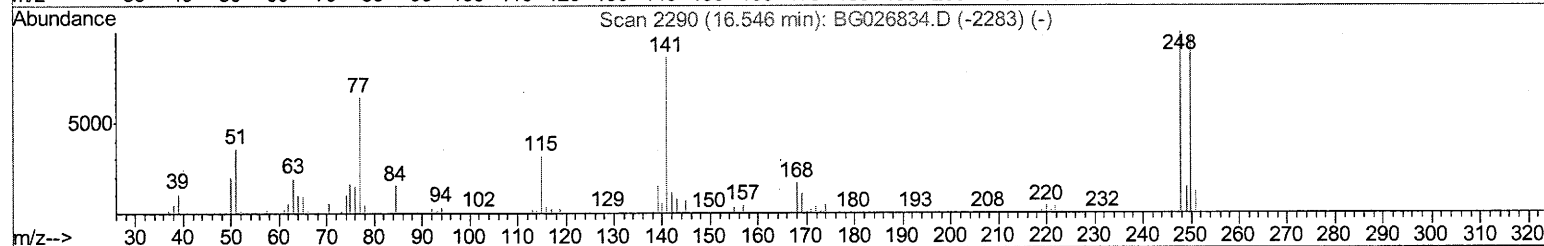
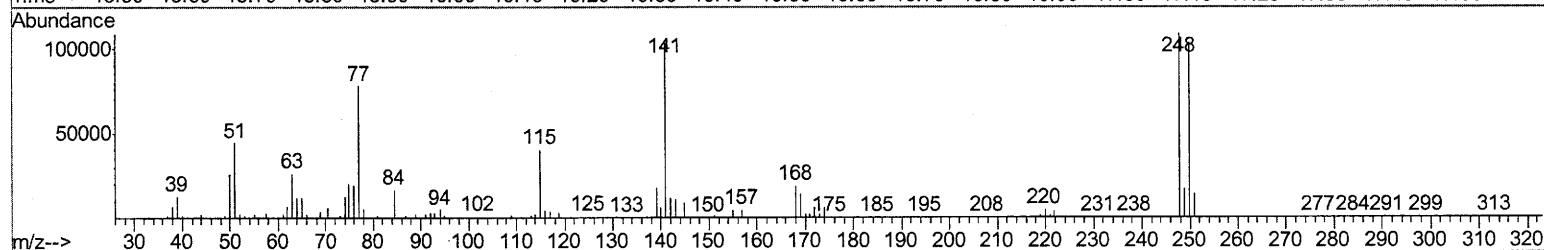
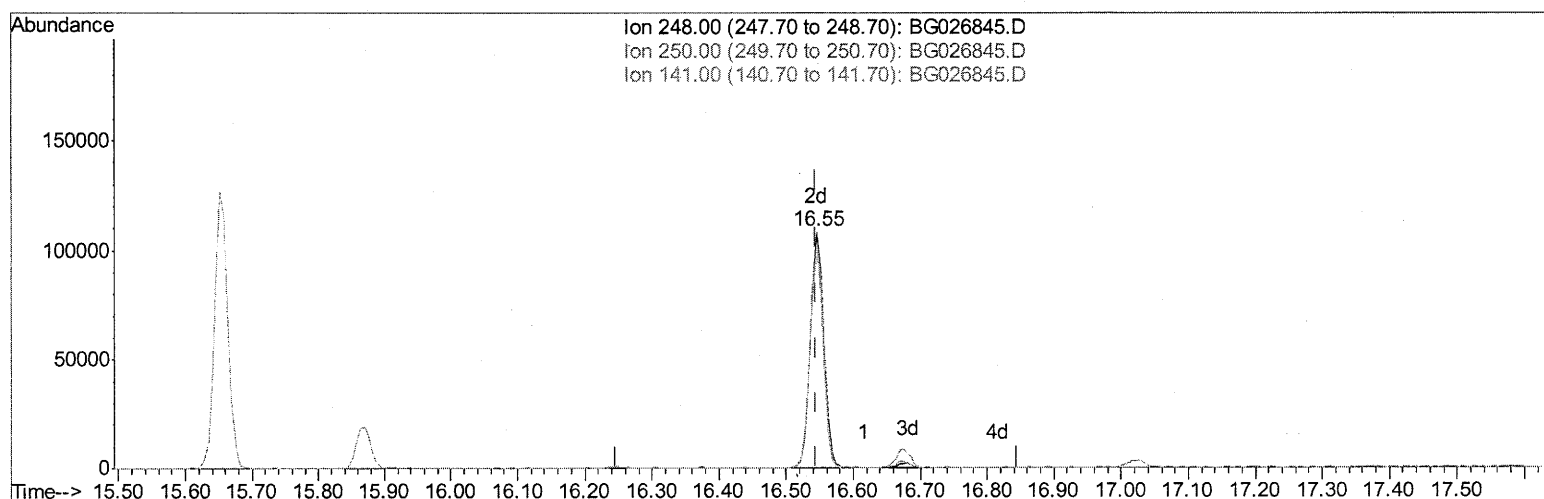
BNA_G

LabSampleId :

SSTD02071

Manual Integrations
APPROVED

mohammad
5/3/2017 12:13:45 PM



TIC: BG026845.D

(65) 4-Bromophenyl-phenylether

16.545min (-0.000) 19.98ng/ul m

SJ 5/5/17

response 148637

Ion	Exp%	Act%
248.00	100	100
250.00	89.90	95.06
141.00	67.30	94.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Instrument :

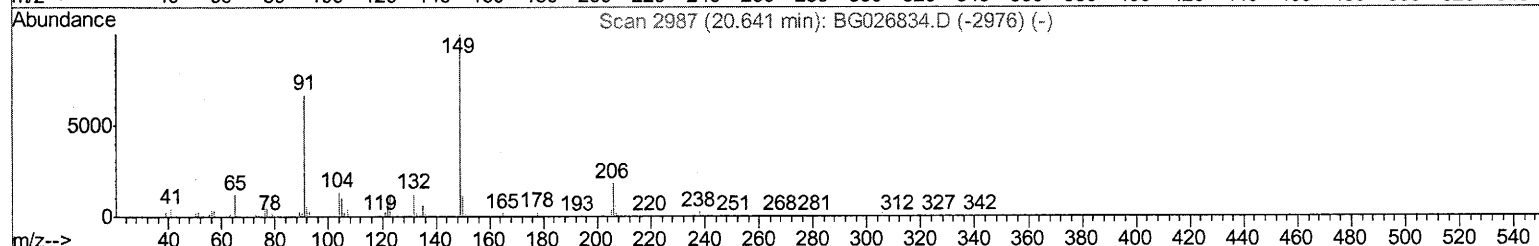
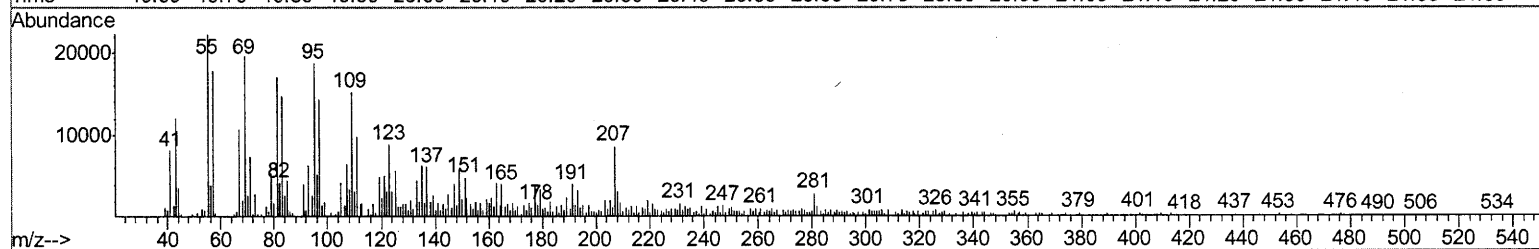
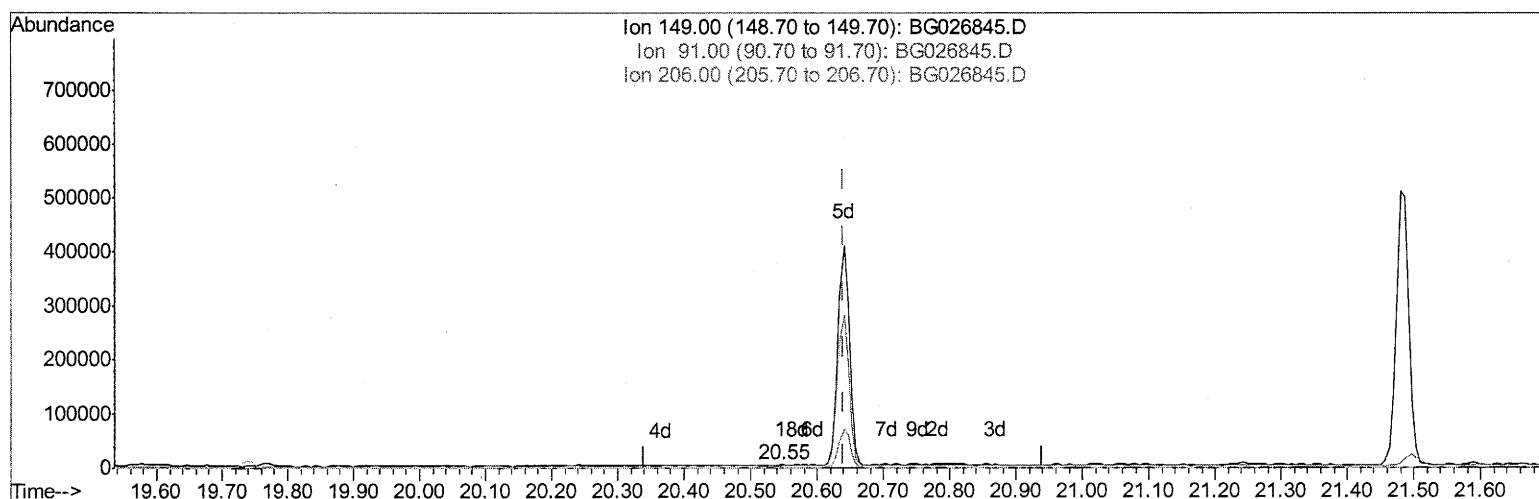
BNA_G

LabSampleId :

SSTD02071

Manual Integrations
APPROVED

mohammad
5/3/2017 12:13:45 PM



TIC: BG026845.D

(78) Butylbenzylphthalate

20.546min (-0.094) 0.04ng/ul

response 726

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	68.43
206.00	25.10	21.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (Qedit)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampled :

SSTD02071

Manual Integrations
APPROVED

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5/3/2017 12:13:45 PM

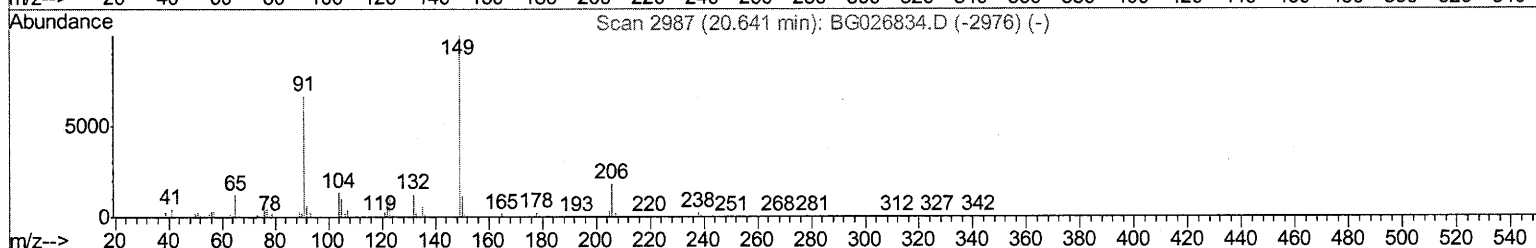
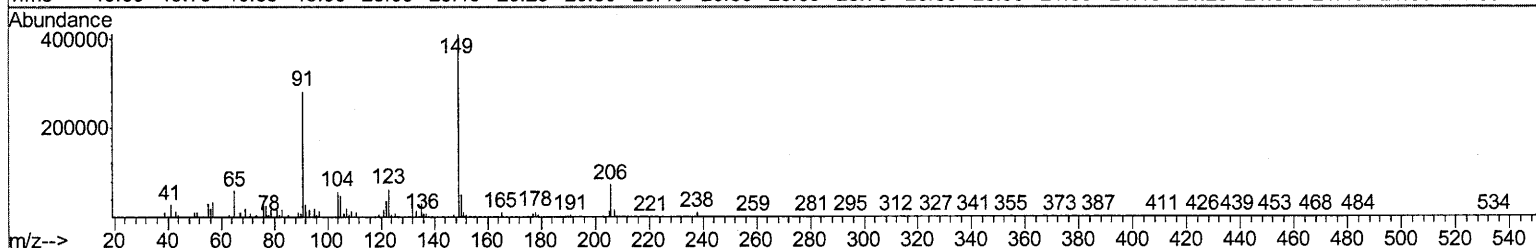
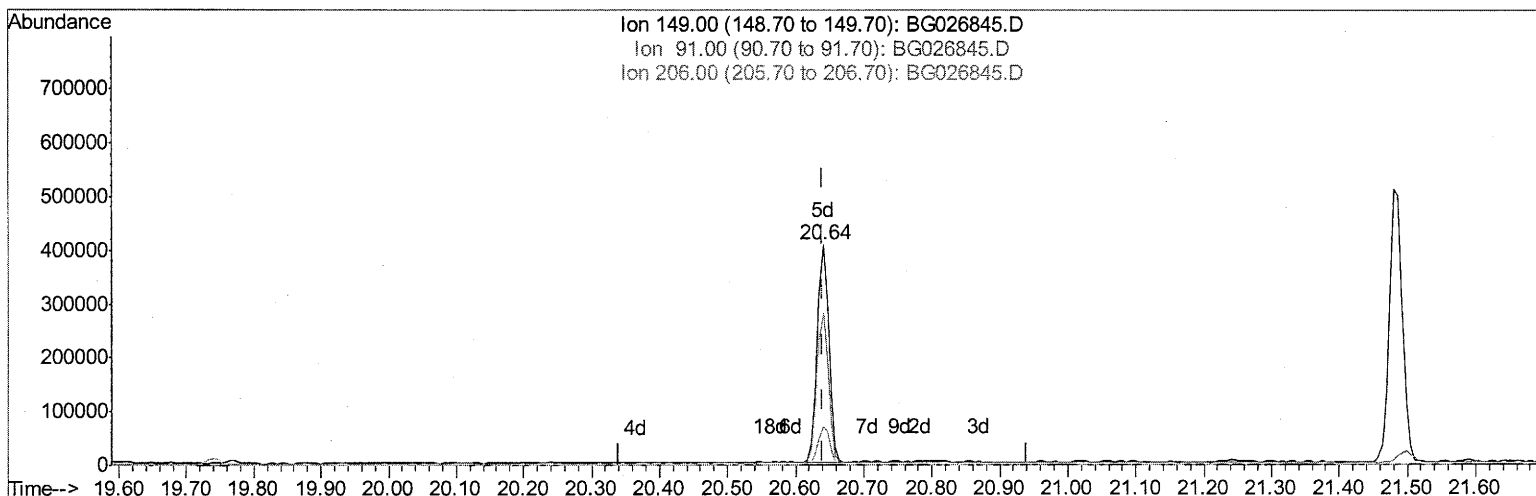
Quant Time: May 03 01:00:22 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration



TIC: BG026845.D

(78) Butylbenzylphthalate

20.640min (-0.000) 23.19ng/ul m

SJ 5/5/17

response 475308

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	68.81
206.00	25.10	17.74#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (QT Reviewed)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampleId :

SSTD02071

Manual Integrations
APPROVEDmohammad
5/3/2017 12:13:45 PM

Quant Time: May 03 01:44:14 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	133422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	703430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	402801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	745352	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	657784	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	676705	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	23184	7.83	ng/uL	0.00
5) Phenol-d5	7.19	99	269873	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	163090	23.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	213800	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	224741	22.74	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	116123	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	126230	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	214133	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	302746	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	634372	19.57	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	835716	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	100864	17.26	ng/ul	0.01
57) Fluorene-d10	15.61	176	547056	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	75202	16.62	ng/ul	0.00
70) Anthracene-d10	17.46	188	739691	20.45	ng/ul	0.00
76) Pyrene-d10	19.74	212	678130	19.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	652055	20.38	ng/ul	0.01

Target Compounds

				Qvalue	
2) 1,4-Dioxane	3.46	88	24026m)	7.11	ng/uL
4) Benzaldehyde	7.15	77	110674	19.23	ng/ul# 81
6) Phenol	7.22	94	276191	22.88	ng/ul# 79
8) Bis(2-Chloroethyl)ether	7.43	93	192315	20.64	ng/ul 96
10) 2-Chlorophenol	7.59	128	206998	20.81	ng/ul# 85
11) 2-Methylphenol	8.47	108	216226	22.64	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.54	45	258507	26.58	ng/ul# 93
14) Acetophenone	8.83	105	321939	22.18	ng/ul# 76
15) N-Nitroso-di-n-propylamine	8.81	70	157898	22.05	ng/ul# 73
16) 4-Methylphenol	8.80	108	234929	22.49	ng/ul 100
17) Hexachloroethane	9.09	117	77589	20.74	ng/ul# 74
20) Nitrobenzene	9.21	77	234450	20.66	ng/ul# 80
21) Isophorone	9.73	82	438170	20.12	ng/ul# 92
23) 2-Nitrophenol	9.92	139	128336	19.09	ng/ul# 64
24) 2,4-Dimethylphenol	9.99	107	253841	20.71	ng/ul# 85
25) Bis(2-Chloroethoxy)methane	10.21	93	290079	19.50	ng/ul# 93
27) 2,4-Dichlorophenol	10.47	162	209549	20.68	ng/ul 98
28) Naphthalene	10.86	128	742211	20.27	ng/ul 98
30) 4-Chloroaniline	10.97	127	286166	22.30	ng/ul 92
31) Hexachlorobutadiene	11.15	225	98327	19.18	ng/ul 91
32) Caprolactam	11.72	113	81742	21.59	ng/ul 79
33) 4-Chloro-3-methylphenol	12.10	107	249607	22.72	ng/ul# 84
34) 2-Methylnaphthalene	12.46	142	563375	20.73	ng/ul 93

SJ 5/5/17

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\

Quantitation Report (QT Reviewed)

Data File : BG026845.D

Acq On : 2 May 2017 16:09

Operator : SJ/MA

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampled :

SSTD02071

Manual Integrations

APPROVED

mohammad

5/3/2017 12:13:45 PM

Quant Time: May 03 01:44:14 2017

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

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	211803	19.94	ng/ul#	94
37) Hexachlorocyclopentadiene	12.81	237	42814	9.15	ng/ul	91
38) 2,4,6-Trichlorophenol	13.07	196	153307	20.98	ng/ul	96
39) 2,4,5-Trichlorophenol	13.16	196	157958	20.92	ng/ul	99
40) 1,1'-Biphenyl	13.46	154	681533	20.13	ng/ul	95
41) 2-Chloronaphthalene	13.51	162	511055	20.08	ng/ul	95
42) 2-Nitroaniline	13.71	65	164069	22.56	ng/ul#	79
44) Dimethylphthalate	14.07	163	614134	19.35	ng/ul	99
45) 2,6-Dinitrotoluene	14.20	165	131593	19.65	ng/ul	87
47) Acenaphthylene	14.35	152	856505	20.65	ng/ul	99
48) 3-Nitroaniline	14.53	138	145486	20.64	ng/ul#	79
49) Acenaphthene	14.69	153	581961	20.17	ng/ul	96
50) 2,4-Dinitrophenol	14.75	184	42508	12.41	ng/ul#	81
52) 4-Nitrophenol	14.86	109	64872	18.93	ng/ul#	48
53) Dibenzofuran	15.02	168	758652	19.75	ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	185805	19.38	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.25	232	113931	19.20	ng/ul#	68
56) Diethylphthalate	15.43	149	653170	19.66	ng/ul	98
58) Fluorene	15.67	166	612330	19.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	263529	19.28	ng/ul	94
60) 4-Nitroaniline	15.69	138	138665	17.85	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.75	198	77434	16.43	ng/ul#	97
64) N-Nitrosodiphenylamine	15.87	169	514999	21.02	ng/ul	96
65) 4-Bromophenyl-phenylether	16.55	248	148637m>	19.98	ng/ul	52 5/5/17
66) Hexachlorobenzene	16.67	284	150451	18.78	ng/ul#	86
67) Atrazine	16.81	200	158025	20.64	ng/ul#	91
68) Pentachlorophenol	17.02	266	70871	19.37	ng/ul	92
69) Phenanthrene	17.40	178	847755	20.19	ng/ul	99
71) Anthracene	17.49	178	873663	20.28	ng/ul	99
72) Carbazole	17.76	167	800044	21.96	ng/ul	98
73) Di-n-butylphthalate	18.31	149	1045063	22.05	ng/ul#	97
74) Fluoranthene	19.41	202	857846	22.01	ng/ul#	80
77) Pyrene	19.77	202	877203	19.88	ng/ul#	77
78) Butylbenzylphthalate	20.64	149	475308m>	23.19	ng/ul	52 5/5/17
79) 3,3'-Dichlorobenzidine	21.50	252	263272	20.82	ng/ul#	92
80) Benzo(a)anthracene	21.59	228	772443	20.08	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	689727	23.58	ng/ul#	98
82) Chrysene	21.65	228	703529	19.69	ng/ul	97
84) Di-n-octyl phthalate	22.67	149	1191747	25.63	ng/ul	100
85) Benzo(b)fluoranthene	23.77	252	775422	20.05	ng/ul#	91
86) Benzo(k)fluoranthene	23.84	252	751213	19.77	ng/ul#	92
88) Benzo(a)pyrene	24.62	252	753952	19.81	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.38	276	900448	19.96	ng/ul#	80
90) Dibenzo(a,h)anthracene	28.44	278	752973	19.69	ng/ul#	86
91) Benzo(g,h,i)perylene	29.51	276	732181	19.57	ng/ul#	79

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