

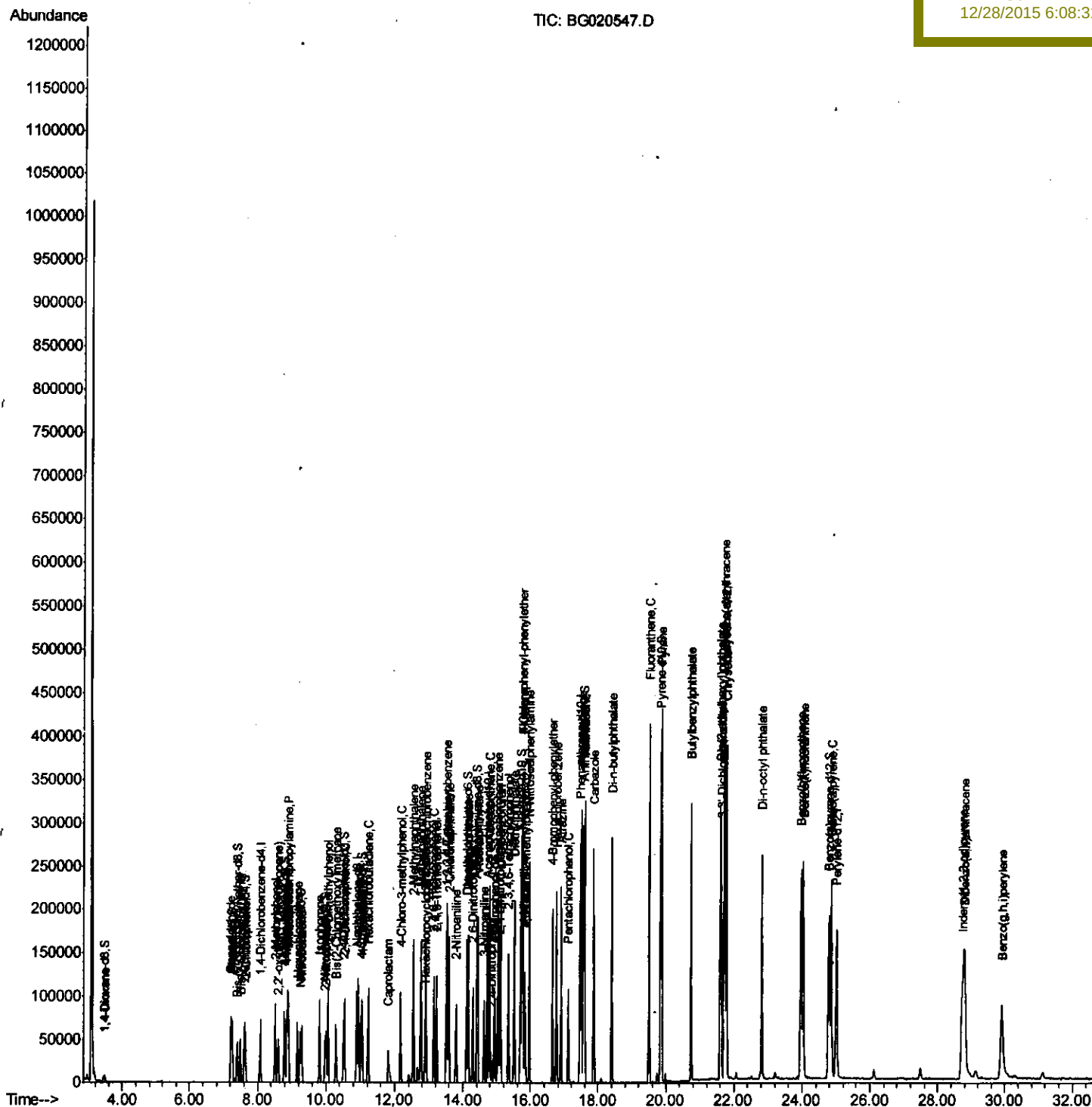
```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\  
Data File : BG020547.D  
Acq On    : 27 Dec 2015    9:23  
Operator  : UM/SJ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02031

Quant Time: Dec 28 02:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:18:16 2015
Response via : Initial Calibration

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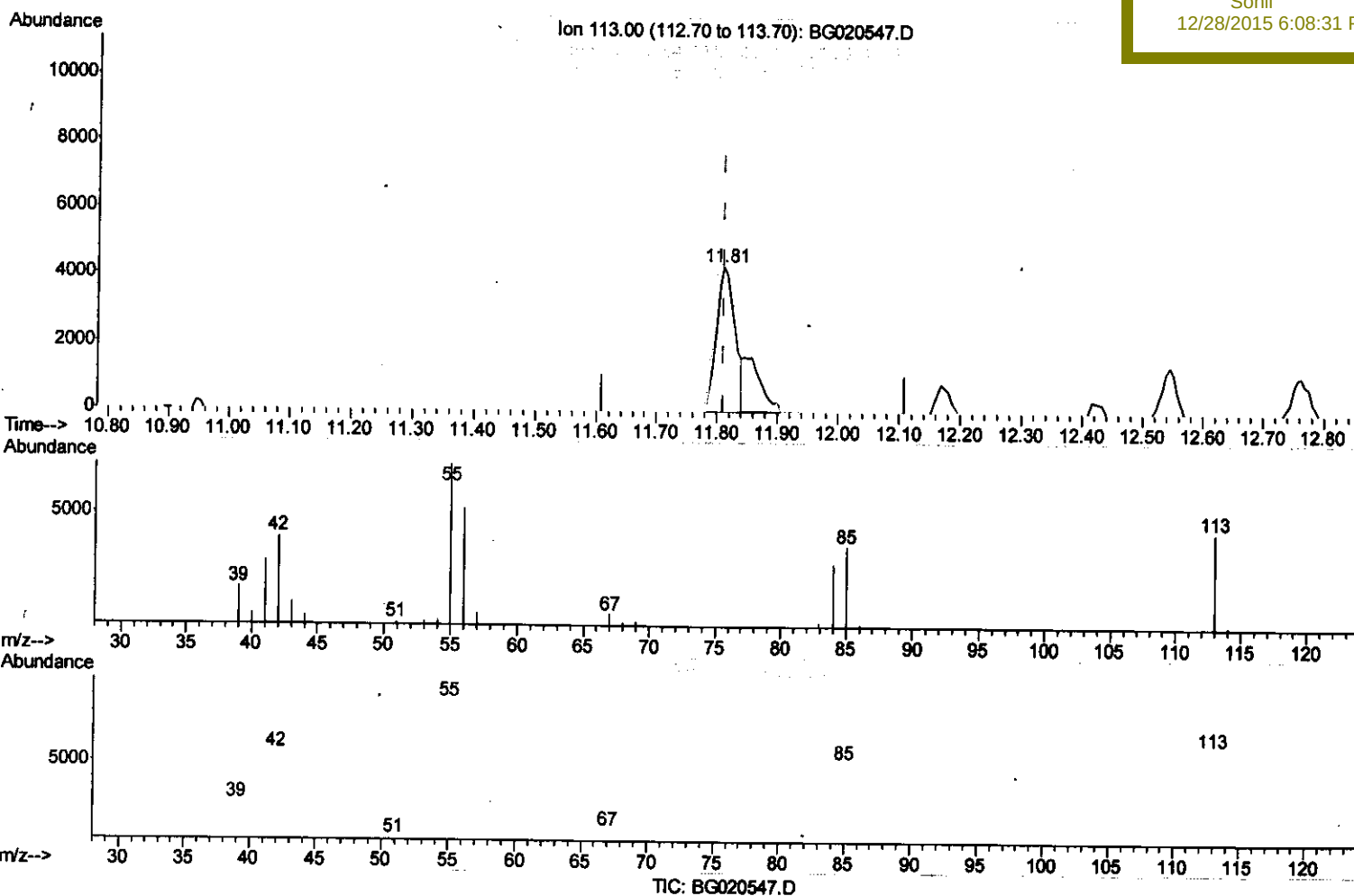
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020547.D
Acq On : 27 Dec 2015 9:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02031

Quant Time: Dec 28 02:35:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:18:16 2015
Response via : Initial Calibration

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(32) Caprolactam

11.810min (0.000) 17.31ng/ul

response 8994

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	166.54
56.00	129.10	121.54
0.00	0.00	0.00

Quantitation Report (Qedit)

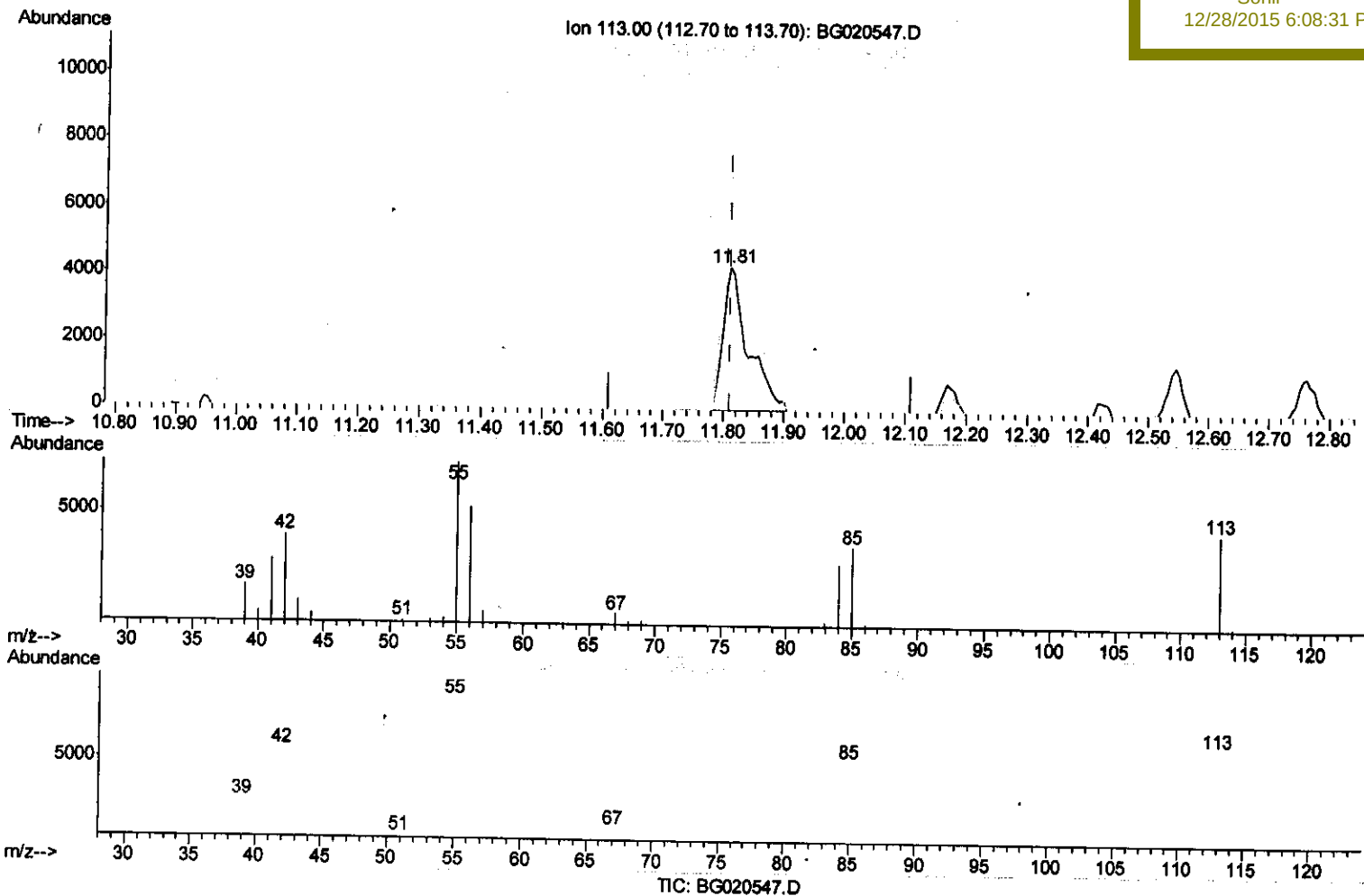
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02031

Manual Integrations
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Quant Time: Dec 28 02:35:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration



(32) Caprolactam

11.810min (0.000) 23.68ng/ul m U.M
 response 12303
 11/2/16

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	166.54
56.00	129.10	121.54
0.00	0.00	0.00

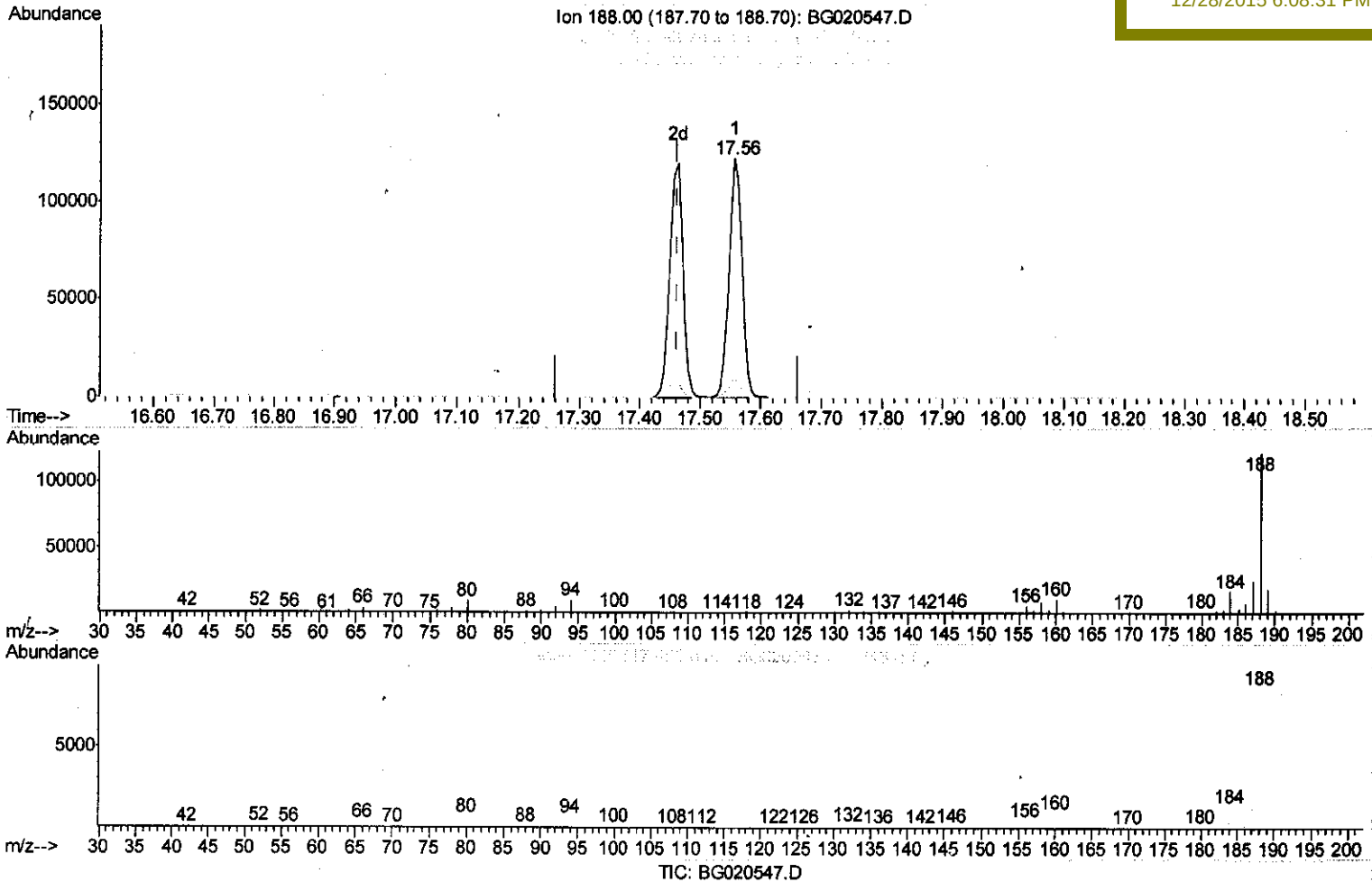
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020547.D
Acq On : 27 Dec 2015 9:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:35:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:18:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.556min (+0.094) 20.00ng/ul

response 181793

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.71
80.00	8.90	7.46
0.00	0.00	0.00

Quantitation Report (Qedit)

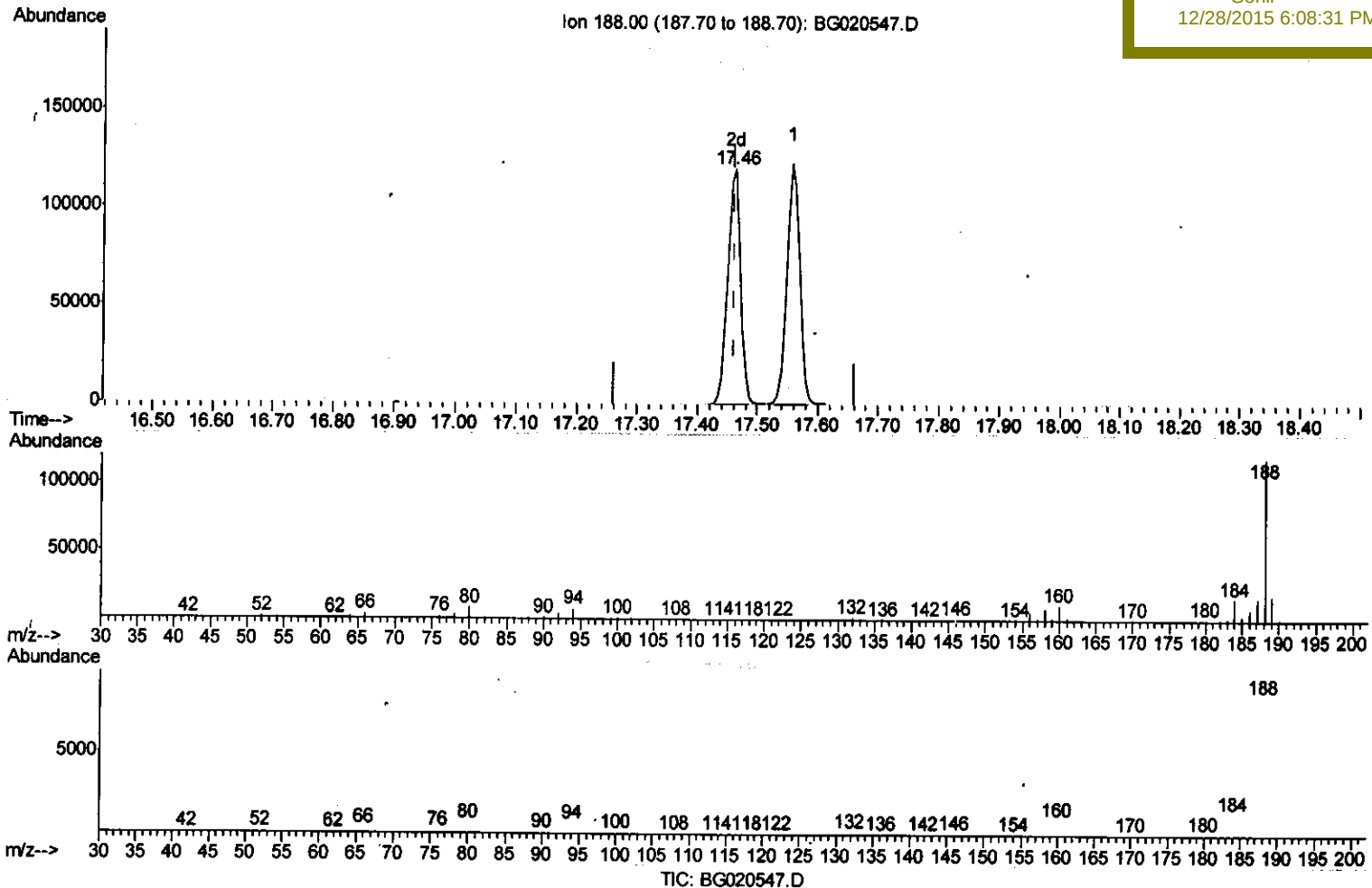
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:35:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampled :
 SSTD02031

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.462min (0.000) 20.00ng/ul m

U.M

response 181325

11216

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.43
80.00	8.90	6.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

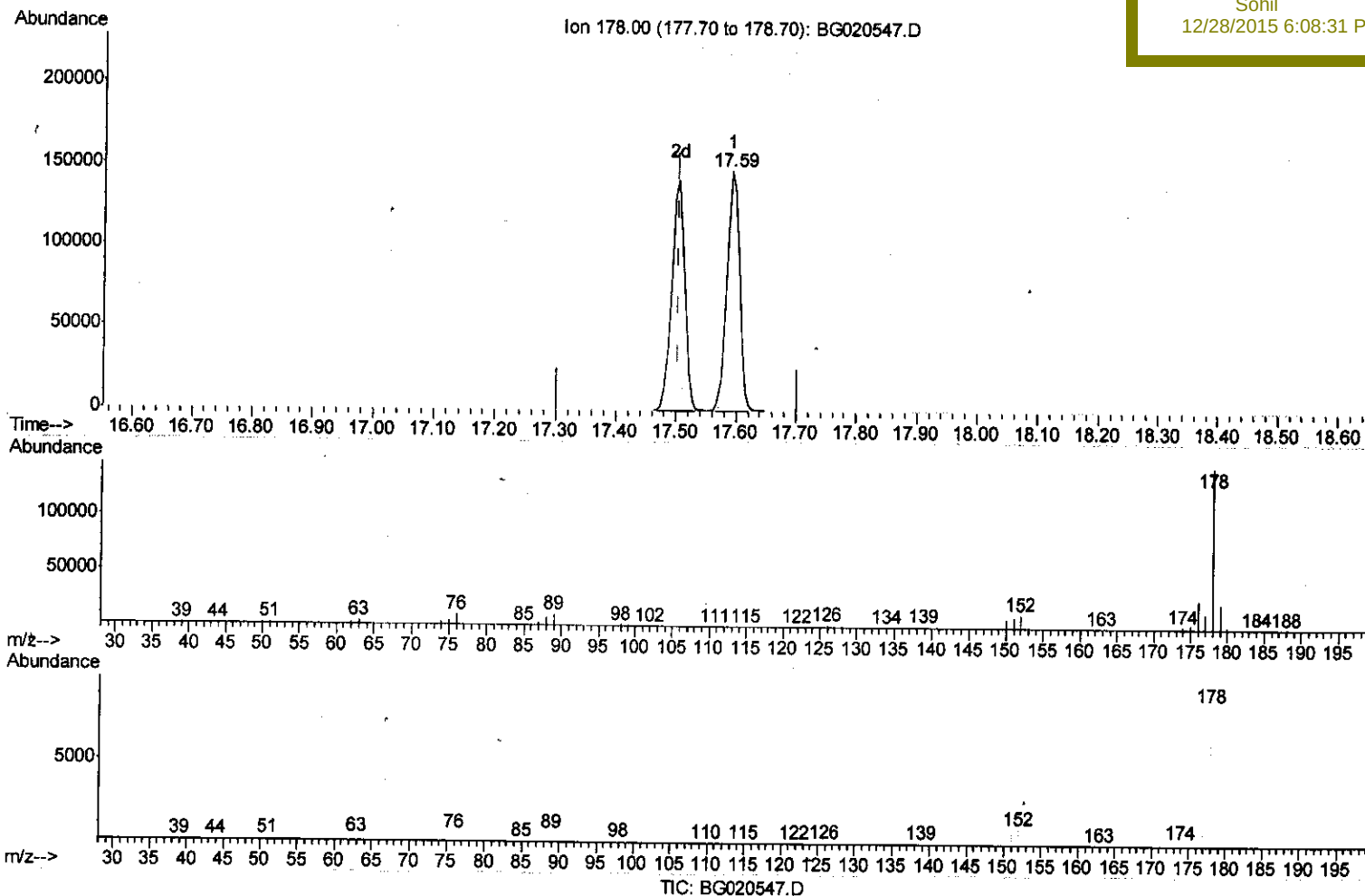
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02031

Manual Integrations
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Quant Time: Dec 28 02:38:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration



(70) Phenanthrene

17.592min (+0.088) 21.71ng/ul

response 219060

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.64
176.00	19.10	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

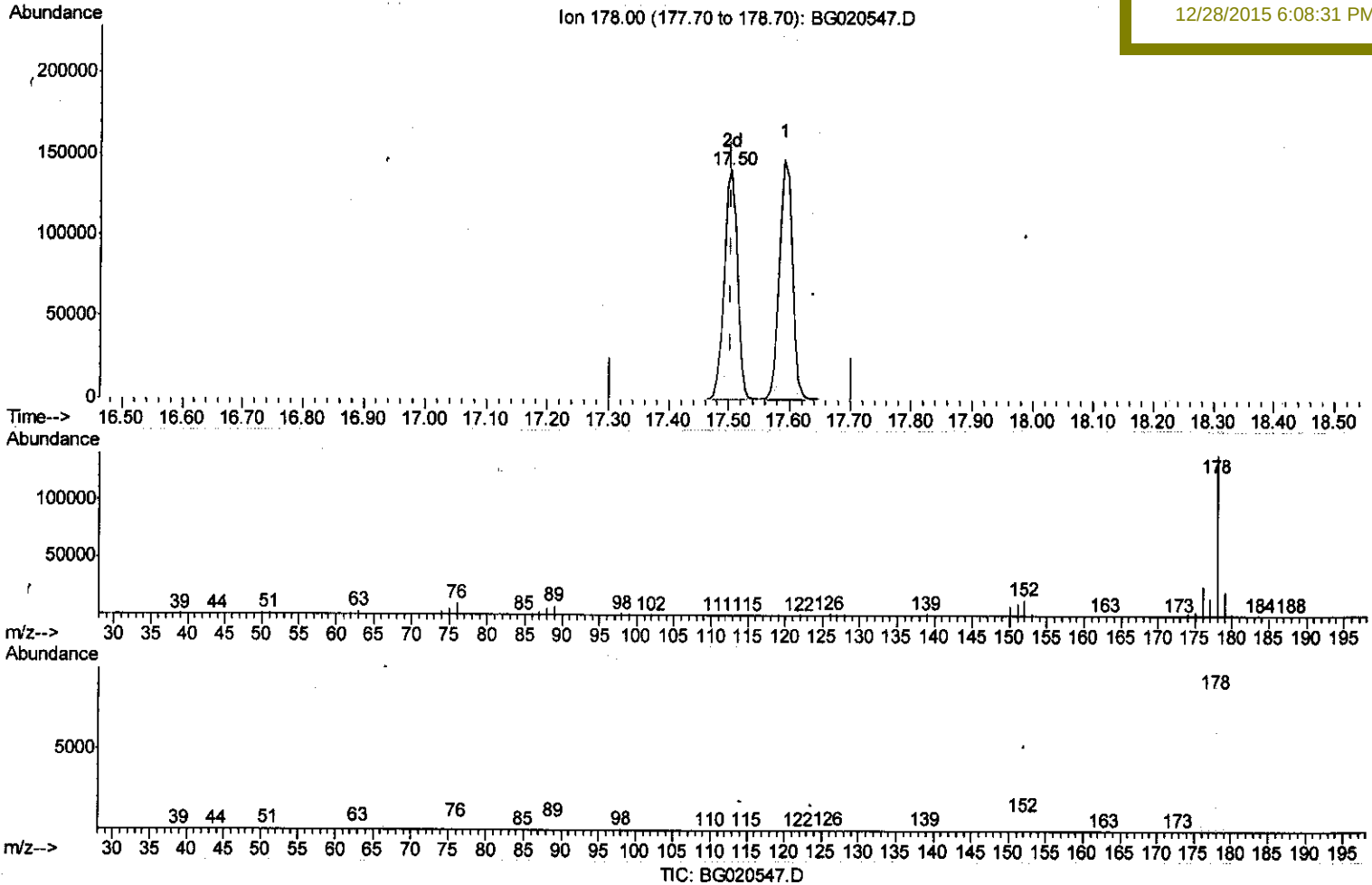
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:38:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampleId :
 SSTD02031

Manual Integrations
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(70) Phenanthrene

17.504min (0.000) 21.13ng/ul m U.M
 response 213200 11/2/16

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	14.90
176.00	19.10	18.88
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:38:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampleId :
 SSTD02031

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	91287	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	65981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	181325m	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	217770	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	202422	20.00	ng/ul	0.00

U.M
 11/2/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3385	8.50	ng/uL	0.00
5) Phenol-d5	7.23	99	39228	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	23715	22.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31041	22.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	33157	22.37	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	15937	22.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	18866	23.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	35503	22.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	42785	23.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	115667	21.27	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	135770	21.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	19562	21.58	ng/ul	0.00
58) Fluorene-d10	15.71	176	108010	21.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	21673	18.04	ng/ul	0.00
71) Anthracene-d10	17.56	188	181857	21.41	ng/ul	0.00
79) Pyrene-d10	19.84	212	215040	22.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	228863	22.36	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	4122	9.03 ng/uL	94
4) Benzaldehyde	7.21	77	27131	25.40 ng/ul	95
6) Phenol	7.26	94	41542	22.64 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.49	93	29922	22.37 ng/ul#	92
10) 2-Chlorophenol	7.64	128	31906	22.61 ng/ul	97
11) 2-Methylphenol	8.52	108	31849	22.37 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.61	45	39814	22.97 ng/ul	98
14) Acetophenone	8.90	105	52750	22.21 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	26946	22.44 ng/ul#	95
16) 4-Methylphenol	8.85	108	35926	23.25 ng/ul	90
17) Hexachloroethane	9.16	117	12702	21.32 ng/ul	95
20) Nitrobenzene	9.29	77	40732	22.82 ng/ul	94
21) Isophorone	9.81	82	74542	22.12 ng/ul	98
23) 2-Nitrophenol	10.01	139	20070	23.35 ng/ul	92
24) 2,4-Dimethylphenol	10.06	107	41268	22.61 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	42235	22.55 ng/ul	95
27) 2,4-Dichlorophenol	10.54	162	36695	22.73 ng/ul	91
28) Naphthalene	10.95	128	106881	22.02 ng/ul	98
30) 4-Chloroaniline	11.05	127	43904	24.21 ng/ul	97
31) Hexachlorobutadiene	11.22	225	28485	21.11 ng/ul	92
32) Caprolactam	11.81	113	12303m	23.68 ng/ul	93
33) 4-Chloro-3-methylphenol	12.17	107	39604	23.40 ng/ul	93
34) 2-Methylnaphthalene	12.54	142	79643	22.18 ng/ul	97

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\
 Data File : BG020547.D
 Acq On : 27 Dec 2015 9:23
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:38:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 02:18:16 2015
 Response via : Initial Calibration

Instrument :
 BNA G
 LabSampleId :
 SSTD02031

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	75209	22.05	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	56205	21.04	ng/ul	98
38) Hexachlorocyclopentadiene	12.89	237	11699	8.03	ng/ul	97
39) 2,4,6-Trichlorophenol	13.15	196	35152	22.17	ng/ul	95
40) 2,4,5-Trichlorophenol	13.23	196	36800	21.21	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	108722	21.35	ng/ul	95
42) 2-Chloronaphthalene	13.59	162	89225	21.72	ng/ul	98
43) 2-Nitroaniline	13.80	65	27304	23.70	ng/ul	93
45) Dimethylphthalate	14.16	163	119657	21.64	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	25244	22.44	ng/ul	94
48) Acenaphthylene	14.44	152	144218	21.78	ng/ul	99
49) 3-Nitroaniline	14.62	138	26097	25.15	ng/ul	92
50) Acenaphthene	14.78	153	96068	21.46	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	10065	13.99	ng/ul#	87
53) 4-Nitrophenol	14.93	109	17952	21.89	ng/ul	92
54) Dibenzofuran	15.11	168	145620	21.86	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	38362	22.82	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.34	232	35718	20.91	ng/ul	97
57) Diethylphthalate	15.52	149	123256	21.72	ng/ul	99
59) Fluorene	15.76	166	117625	21.79	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	67530	21.62	ng/ul	94
61) 4-Nitroaniline	15.78	138	27616	23.68	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	24763	19.39	ng/ul	96
65) N-Nitrosodiphenylamine	15.96	169	107311	21.17	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	46334	20.56	ng/ul	98
67) Hexachlorobenzene	16.76	284	51524	20.44	ng/ul	93
68) Atrazine	16.90	200	47345	21.09	ng/ul	98
69) Pentachlorophenol	17.11	266	23647	17.33	ng/ul	96
70) Phenanthrene	17.50	178	213200m	21.13	ng/ul	99
72) Anthracene	17.59	178	218654	21.19	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	61444	20.30	ng/uL	99
74) Pentachlorobenzene	15.03	250	58174	20.72	ng/uL	95
75) Carbazole	17.86	167	189586	21.81	ng/ul	100
76) Di-n-butylphthalate	18.40	149	220419	21.27	ng/ul	99
77) Fluoranthene	19.51	202	270220	21.30	ng/ul	100
80) Pyrene	19.87	202	277450	22.53	ng/ul	98
81) Butylbenzylphthalate	20.74	149	100672	22.99	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	96707	22.68	ng/ul	94
83) Benzo(a)anthracene	21.72	228	282426	22.08	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	139178	21.73	ng/ul	99
85) Chrysene	21.79	228	263348	21.62	ng/ul	98
87) Di-n-octyl phthalate	22.82	149	243800	23.27	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	261386	21.51	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	267185	22.75	ng/ul	99
91) Benzo(a)pyrene	24.85	252	260588	22.31	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.75	276	295398	21.12	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	248140	21.38	ng/ul	97
94) Benzo(g,h,i)perylene	29.92	276	217072	18.90	ng/ul	98

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG122615\
Data File : BG020547.D
Acq On : 27 Dec 2015 9:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 02:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
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Instrument :
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LabSampleId :
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Manual Integrations
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Internal Standards R.T. QIon Response Conc Units Dev(Min)

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