Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:30:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integratio
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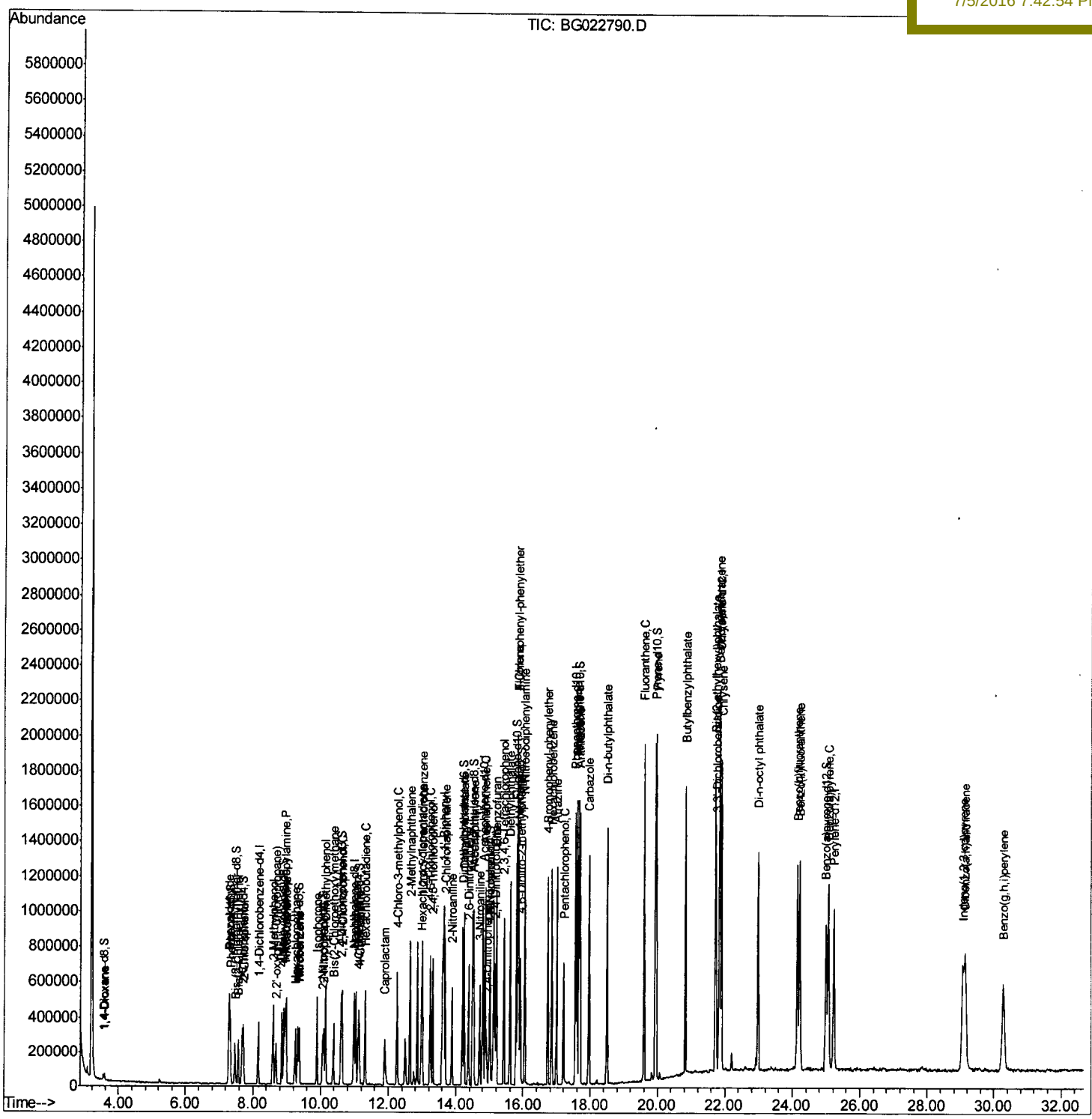

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
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Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
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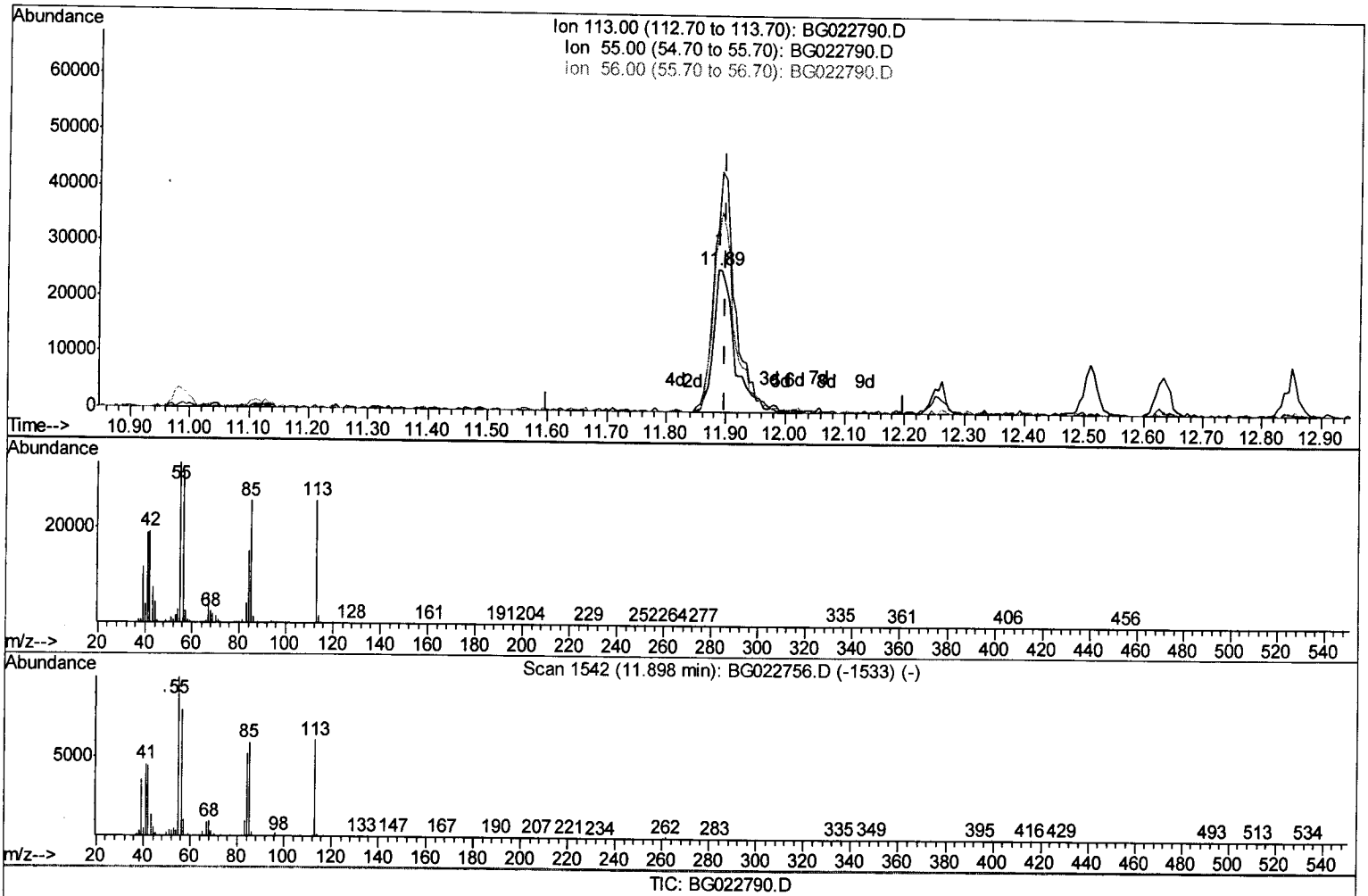

TIC: BG022790.D

(32) Caprolactam

11.887min (-0.011) 22.28ng/ul m VM 07/09/16

response 64145

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	129.60
56.00	83.00	122.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integratio
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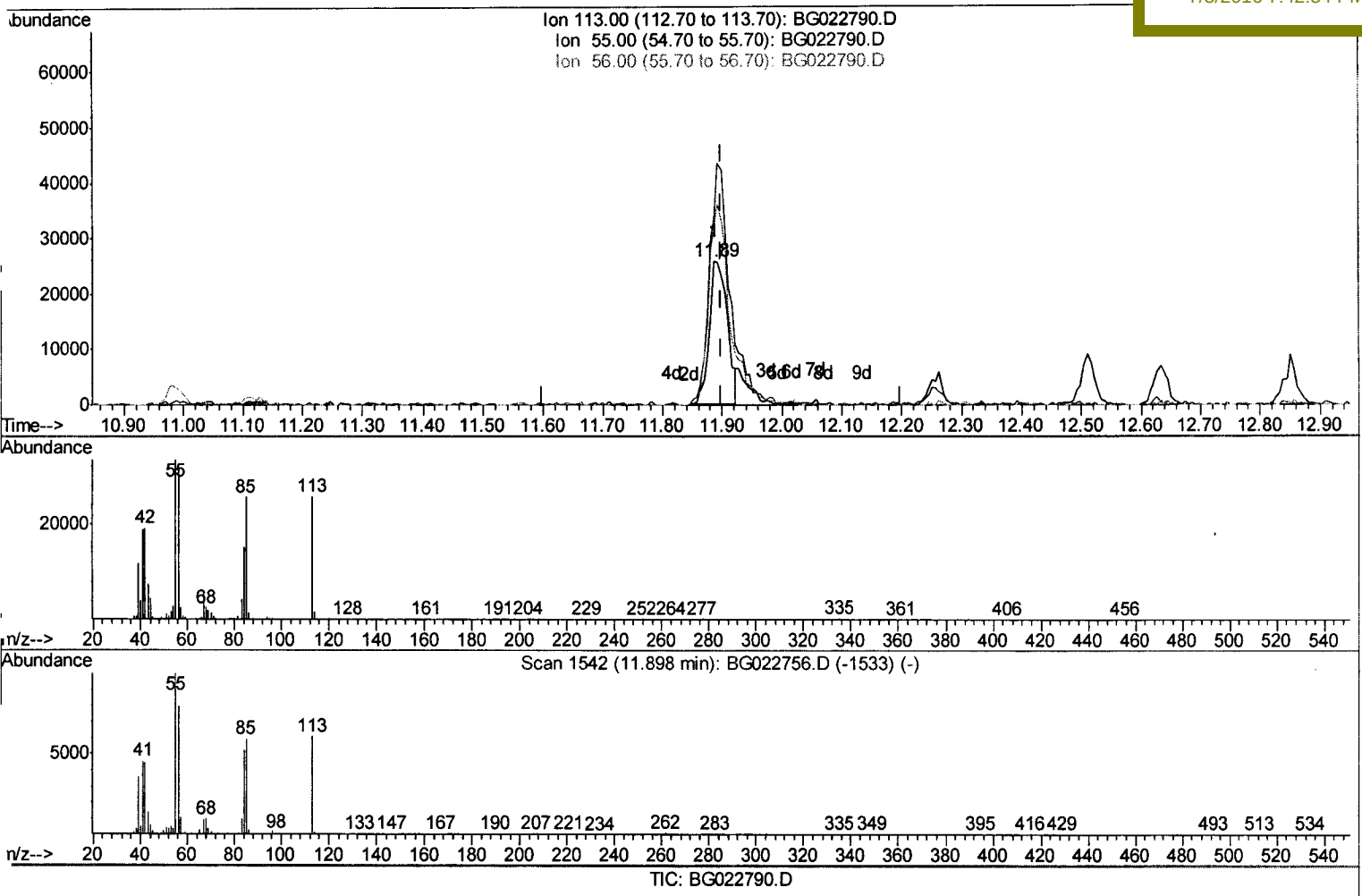

TIC: BG022790.D

(32) Caprolactam

11.887min (-0.011) 18.62ng/ul

response 53628

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	129.60
56.00	83.00	122.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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Instrument :
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LabSampleId :
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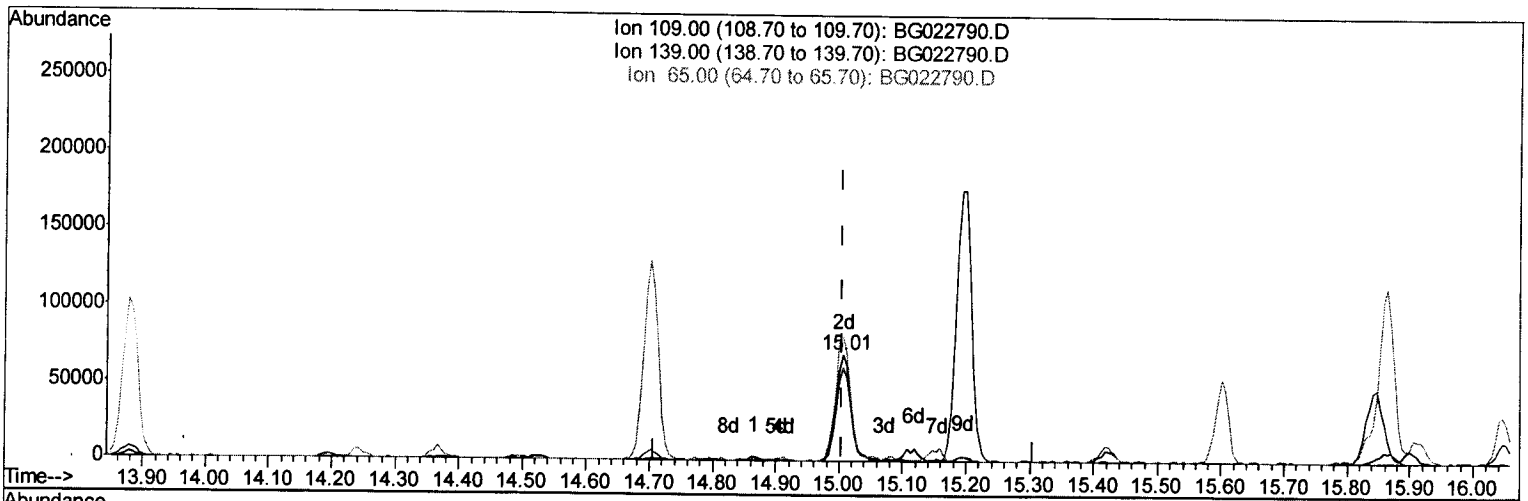

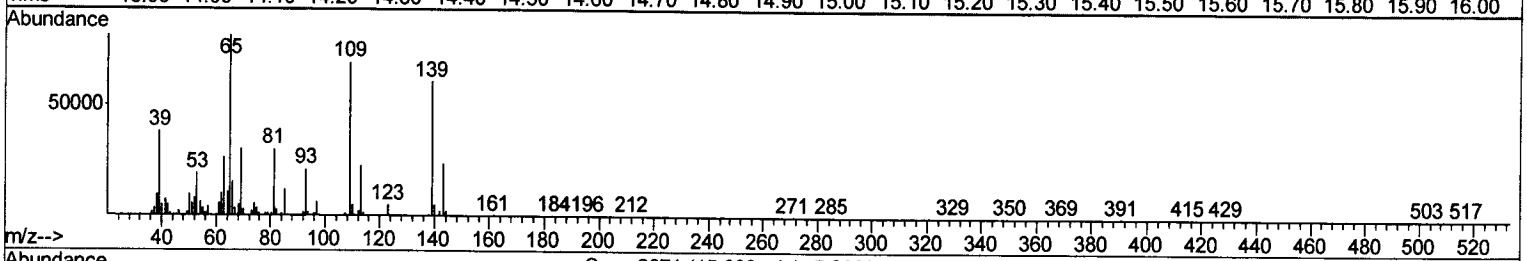

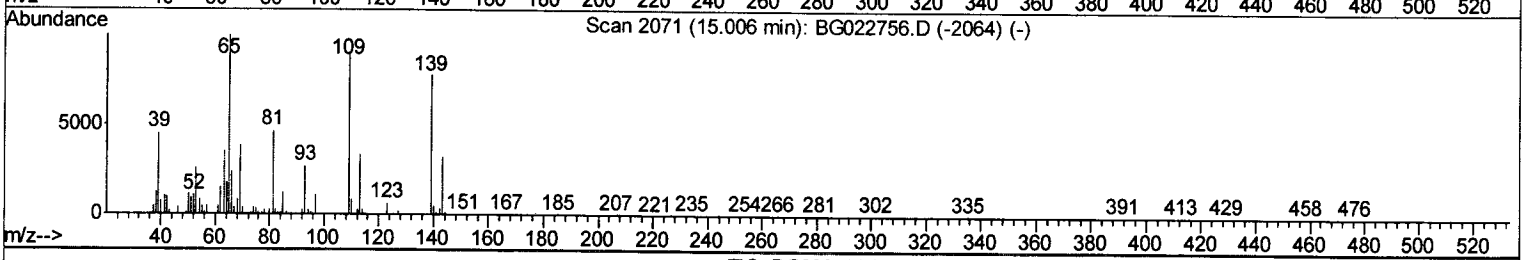

TIC: BG022790.D

(52) 4-Nitrophenol

15.007min (+0.001) 20.51ng/ul m U.M 07/09/16

response 116337

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	87.71#
65.00	132.50	117.68
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02014

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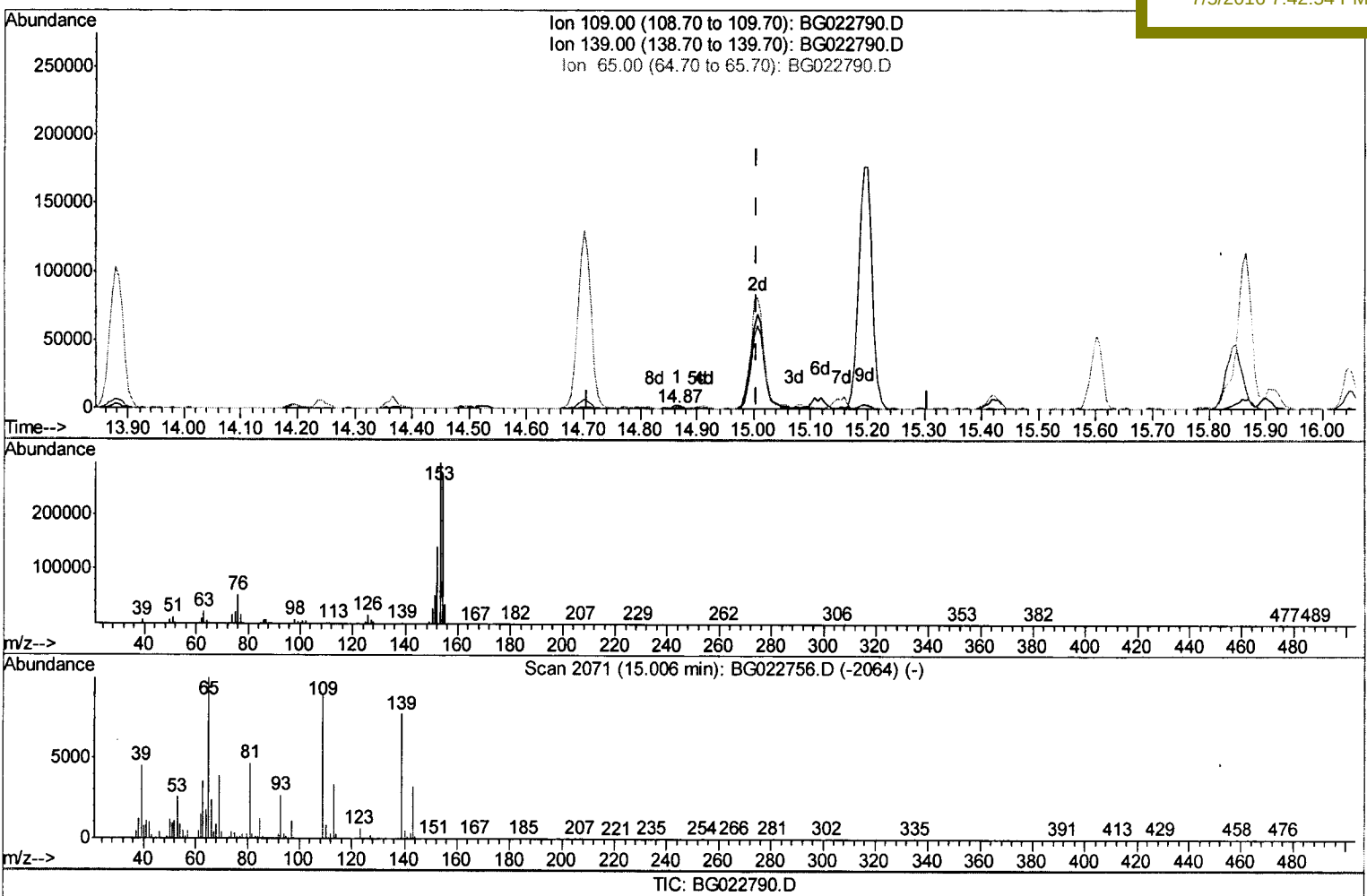

TIC: BG022790.D

(52) 4-Nitrophenol

14.866min (-0.140) 0.24ng/ul

response 1385

Ion	Exp%	Act%
109.00	100	100
139.00	170.10	191.83
65.00	132.50	152.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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Instrument :
BNA_G
LabSampleId :
SSTD02014

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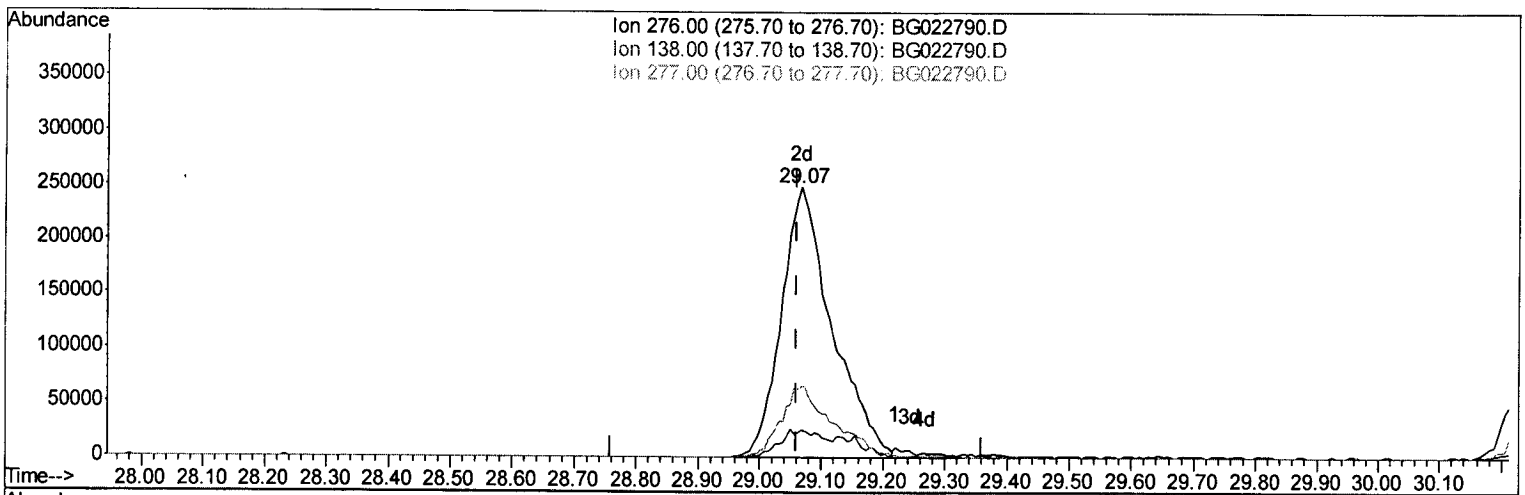

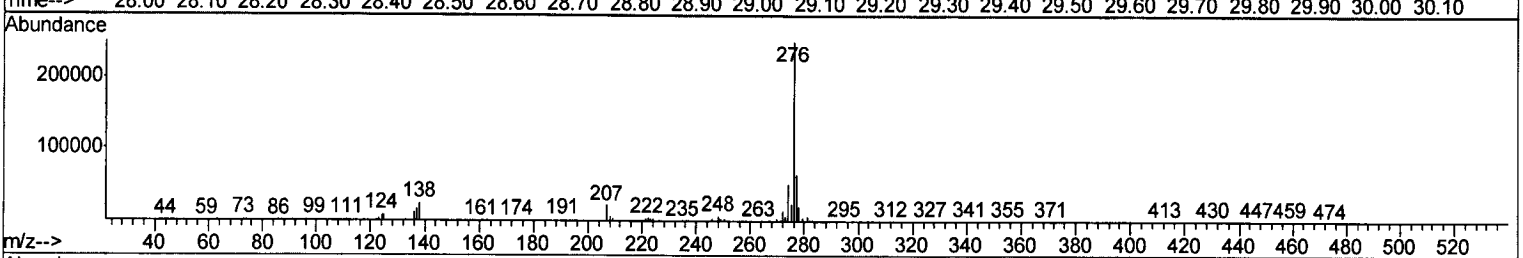

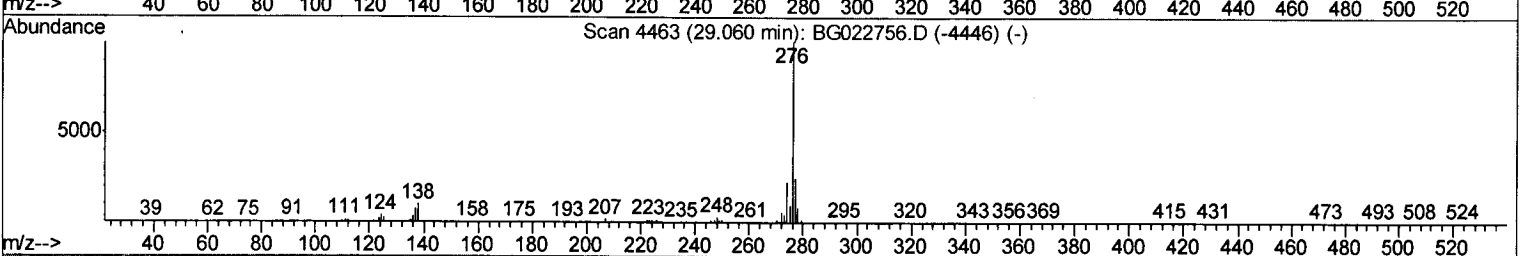

TIC: BG022790.D

(89) Indeno(1,2,3-cd)pyrene

29.067min (+0.007) 20.96ng/ul m U.M 07/08/16

response 1414849

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	9.84#
277.00	22.00	25.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:26:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02014

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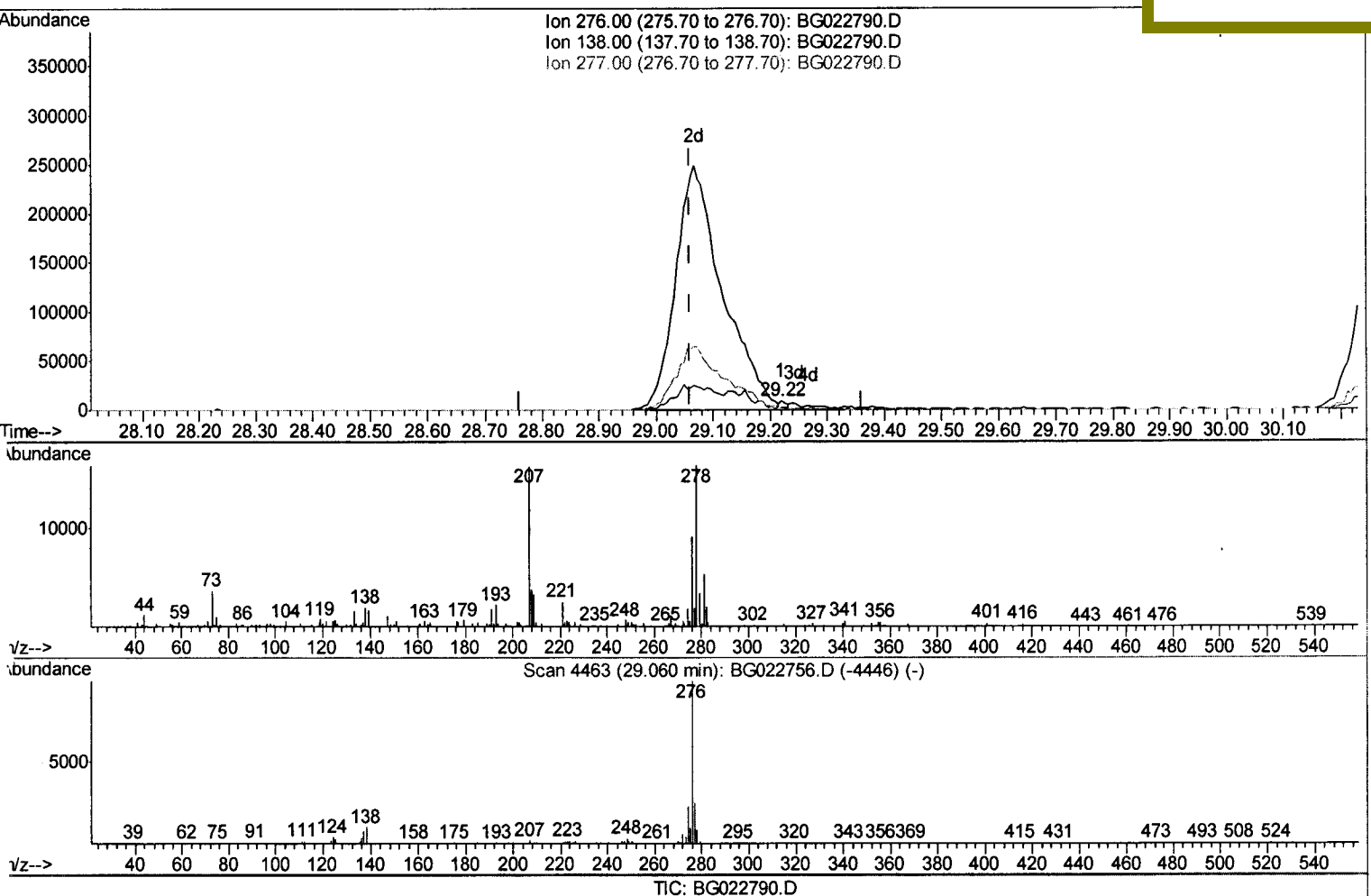

TIC: BG022790.D

(89) Indeno(1,2,3-cd)pyrene

29.220min (+0.159) 0.07ng/ul

response 5014

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	22.73
277.00	22.00	22.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG070216\
Data File : BG022790.D
Acq On : 2 Jul 2016 12:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:29:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02014

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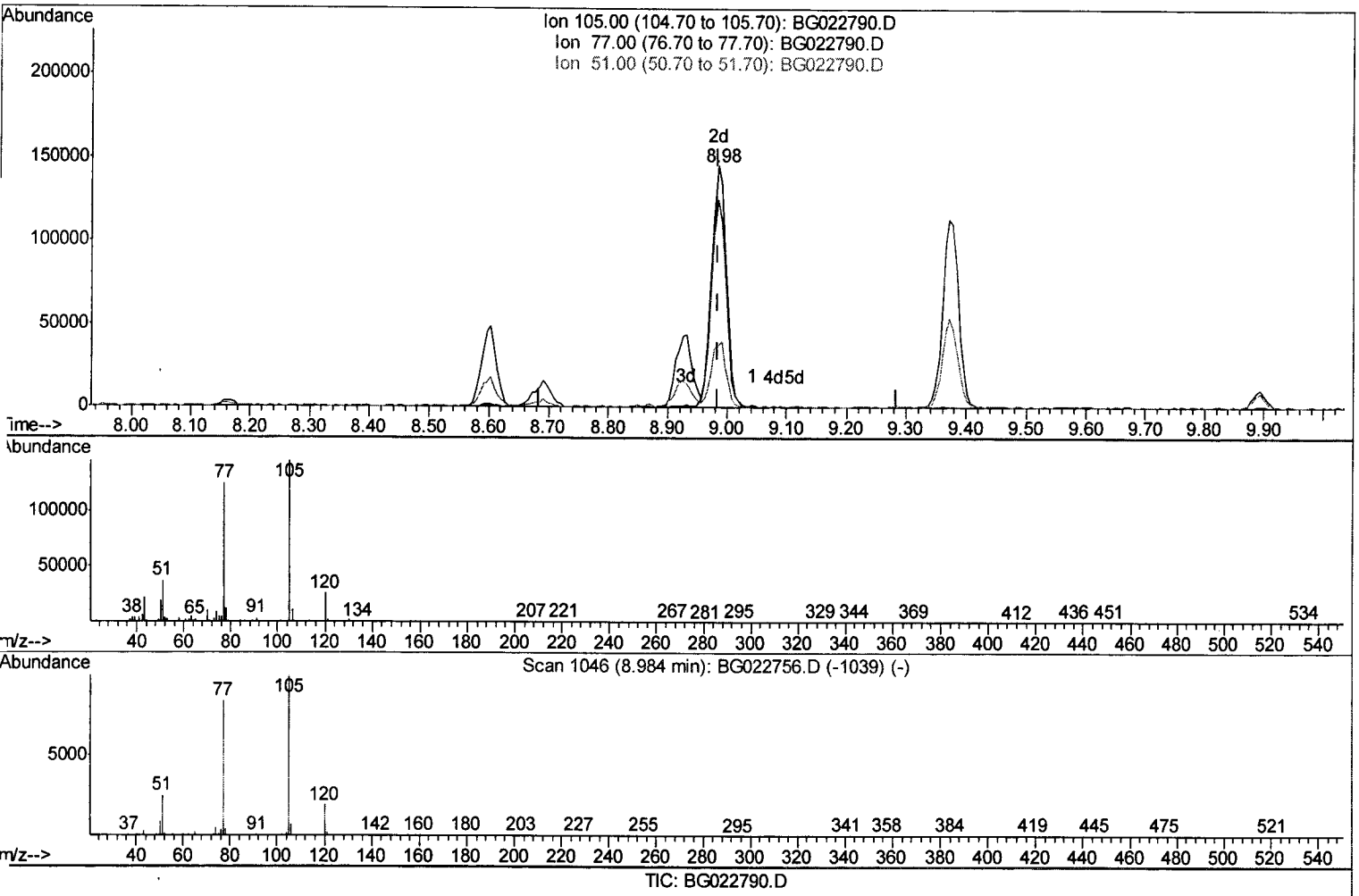

TIC: BG022790.D

(14) Acetophenone

8.984min (+0.001) 20.18ng/ul m U,M 07/09/16

response 252000

Ion	Exp%	Act%
105.00	100	100
77.00	70.10	85.99#
51.00	18.30	25.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 00:29:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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Instrument :
BNA_G
LabSampleId :
SSTD02014

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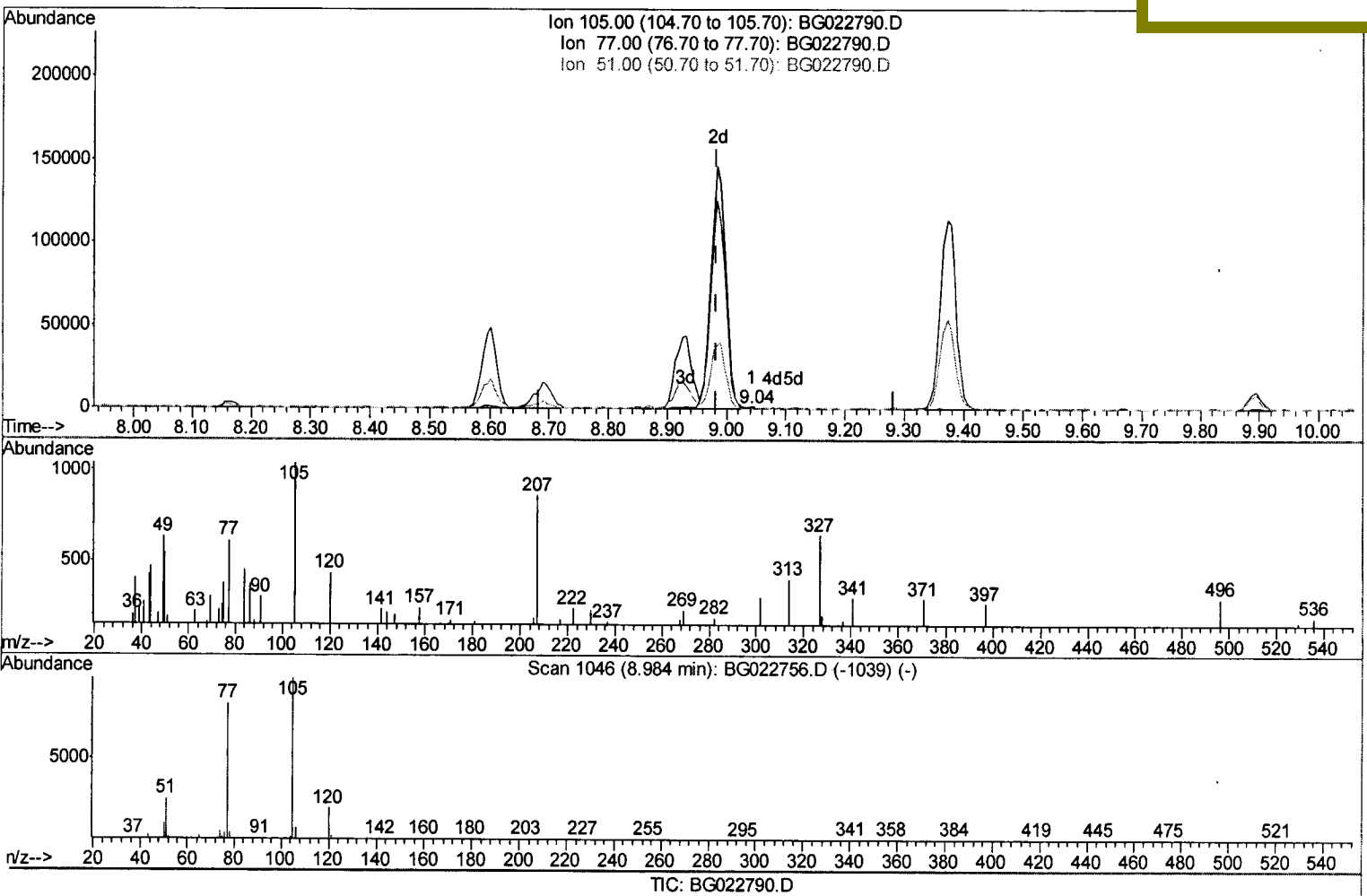

TIC: BG022790.D

(14) Acetophenone

9.043min (+0.060) 0.06ng/ul

response 753

Ion	Exp%	Act%
105.00	100	100
77.00	70.10	58.65
51.00	18.30	18.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 03 00:30:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	261989	20.04 ng/ul#	97
37) Hexachlorocyclopentadiene	12.97	237	141326	17.90 ng/ul	96
38) 2,4,6-Trichlorophenol	13.23	196	181518	20.13 ng/ul	95
39) 2,4,5-Trichlorophenol	13.31	196	198020	20.87 ng/ul	99
40) 1,1'-Biphenyl	13.63	154	520675	19.58 ng/ul	97
41) 2-Chloronaphthalene	13.68	162	430365	19.99 ng/ul	98
42) 2-Nitroaniline	13.88	65	172627	20.73 ng/ul#	65
44) Dimethylphthalate	14.24	163	596498	20.56 ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	125398	19.97 ng/ul#	78
47) Acenaphthylene	14.53	152	683182	20.84 ng/ul	98
48) 3-Nitroaniline	14.70	138	109333	22.28 ng/ul#	54
49) Acenaphthene	14.87	153	454772	20.42 ng/ul	95
50) 2,4-Dinitrophenol	14.91	184	61186	17.53 ng/ul	90
52) 4-Nitrophenol	15.01	109	116337m	20.51 ng/ul	
53) Dibenzofuran	15.19	168	719970	20.92 ng/ul	93
54) 2,4-Dinitrotoluene	15.15	165	194137	21.38 ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.42	232	206673	21.40 ng/ul	90
56) Diethylphthalate	15.60	149	614701	20.85 ng/ul#	96
58) Fluorene	15.85	166	587909	21.27 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.84	204	338432	20.44 ng/ul	98
60) 4-Nitroaniline	15.86	138	124638	21.14 ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.92	198	122005	19.16 ng/ul#	92
64) N-Nitrosodiphenylamine	16.05	169	537214	19.53 ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	244023	19.53 ng/ul	97
66) Hexachlorobenzene	16.85	284	271102	20.49 ng/ul	91
67) Atrazine	16.99	200	248780	21.69 ng/ul	95
68) Pentachlorophenol	17.19	266	147500	19.39 ng/ul#	87
69) Phenanthrene	17.59	178	982640	20.56 ng/ul	96
71) Anthracene	17.69	178	1021640	20.81 ng/ul	98
72) Carbazole	17.96	167	829657	22.83 ng/ul	99
73) Di-n-butylphthalate	18.50	149	1011377	21.68 ng/ul#	96
74) Fluoranthene	19.60	202	1195346	24.01 ng/ul#	87
77) Pyrene	19.96	202	1206060	20.74 ng/ul#	85
78) Butylbenzylphthalate	20.84	149	467416	20.73 ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.74	252	455641	23.16 ng/ul#	96
80) Benzo(a)anthracene	21.83	228	1287110	21.12 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	642528	22.08 ng/ul#	97
82) Chrysene	21.90	228	1151804	20.77 ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1100253	23.21 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1325468	19.72 ng/ul#	92
86) Benzo(k)fluoranthene	24.21	252	1279944	20.27 ng/ul#	86
88) Benzo(a)pyrene	25.06	252	1267349	19.85 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.07	276	1414849m	20.96 ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	1159802	20.78 ng/ul#	88
91) Benzo(g,h,i)perylene	30.27	276	1188581	22.46 ng/ul#	78

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	94641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	426871	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	349705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	934254	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1038819	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1075451	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	17201	10.16	ng/uL	0.00
5) Phenol-d5	7.31	99	198629	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	115440	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	127356	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	148348	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	67078	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	80942	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	172551	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	161411	22.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	585907	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	685952	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	93844	21.04	ng/ul	0.00
57) Fluorene-d10	15.79	176	576049	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	108485	18.05	ng/ul	0.00
70) Anthracene-d10	17.65	188	882204	20.32	ng/ul	0.00
76) Pyrene-d10	19.93	212	1044747	21.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1027897	20.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	20832	10.50	ng/uL	97
4) Benzaldehyde	7.29	77	137650	21.75	ng/ul#	81
6) Phenol	7.33	94	204693	20.07	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.57	93	140676	20.18	ng/ul	89
10) 2-Chlorophenol	7.72	128	131868	19.50	ng/ul#	77
11) 2-Methylphenol	8.60	108	148416	19.38	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.69	45	155074	19.78	ng/ul#	85
14) Acetophenone	8.98	105	252000m	20.18	ng/ul	
15) N-Nitroso-di-n-propylamine	8.96	70	145929	19.44	ng/ul#	87
16) 4-Methylphenol	8.93	108	162373	19.07	ng/ul	93
17) Hexachloroethane	9.25	117	60309	20.94	ng/ul#	73
20) Nitrobenzene	9.37	77	209861	20.05	ng/ul#	82
21) Isophorone	9.90	82	377084	20.20	ng/ul#	90
23) 2-Nitrophenol	10.09	139	82886	19.02	ng/ul#	34
24) 2,4-Dimethylphenol	10.14	107	201954	19.36	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.38	93	217656	19.76	ng/ul#	94
27) 2,4-Dichlorophenol	10.62	162	172938	20.04	ng/ul	95
28) Naphthalene	11.03	128	432345	19.81	ng/ul	99
30) 4-Chloroaniline	11.14	127	162635	21.90	ng/ul	96
31) Hexachlorobutadiene	11.31	225	134292	20.20	ng/ul	92
32) Caprolactam	11.89	113	64145m	22.28	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	221311	20.27	ng/ul#	85
34) 2-Methylnaphthalene	12.63	142	374515	20.74	ng/ul	97

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