

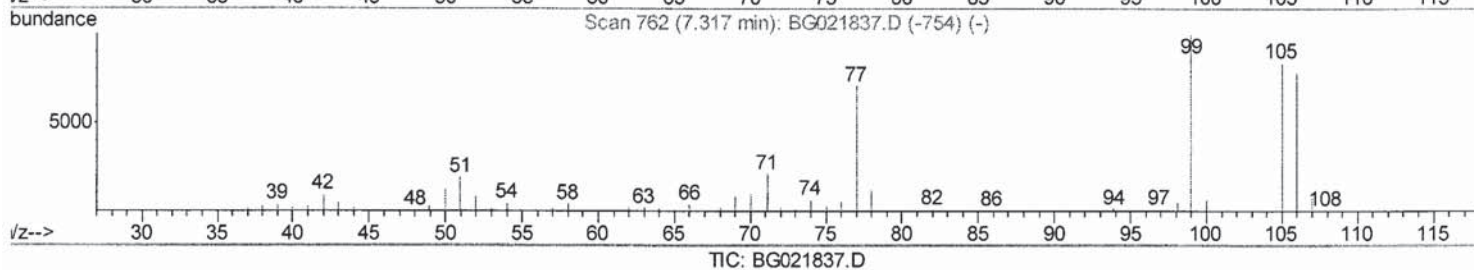
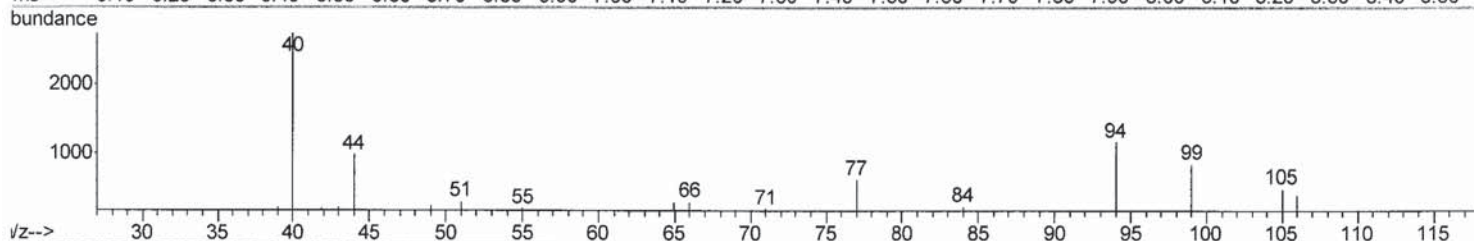
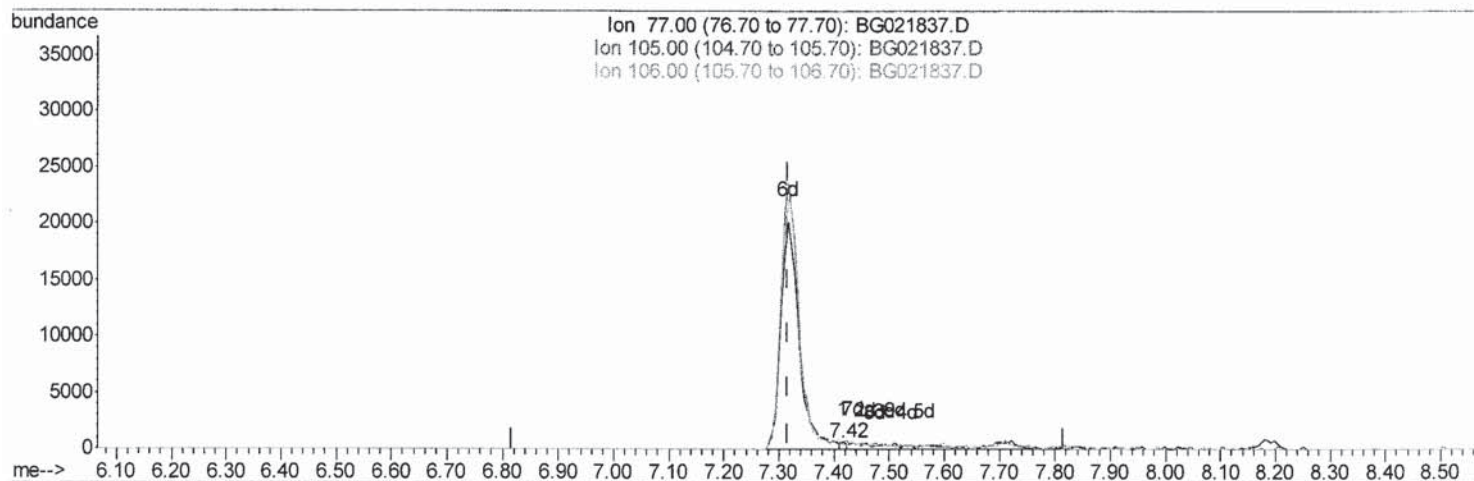
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
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Quant Time: May 12 05:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



(4) Benzaldehyde

7.417min (+0.100) 0.85ng/ul

response 369

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	78.62
106.00	81.20	65.27
0.00	0.00	0.00

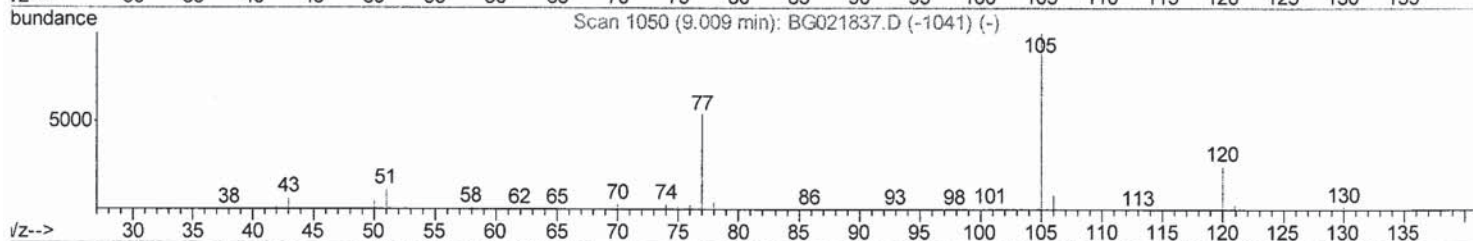
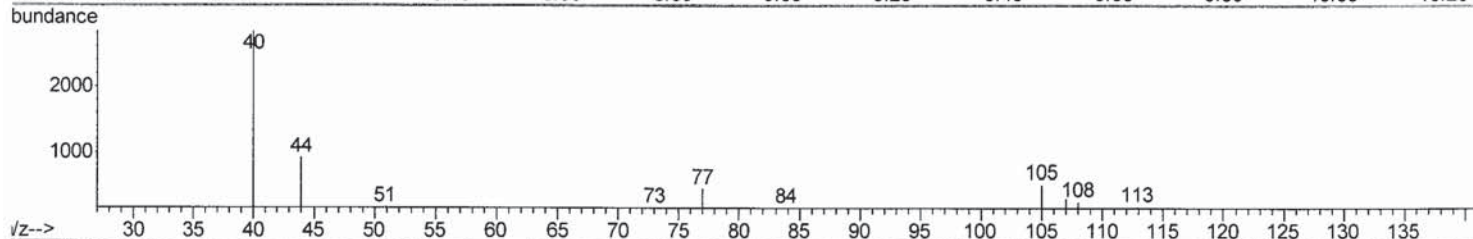
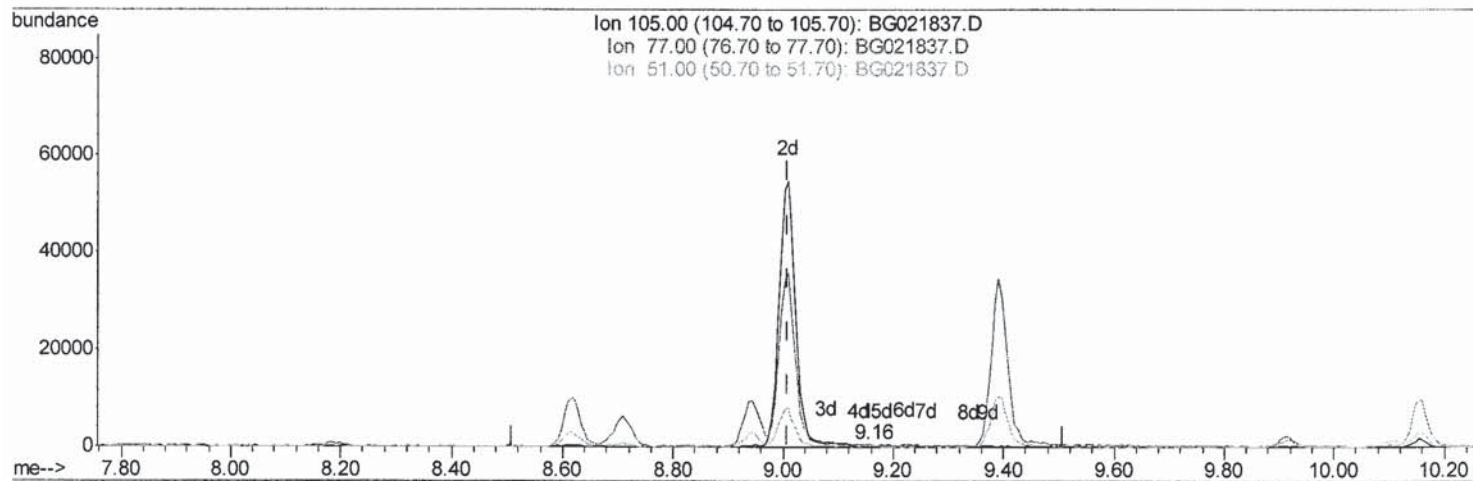
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BG021837.D

(14) Acetophenone

9.156min (+0.147) 0.02ng/ul

response 127

Ion	Exp%	Act%
105.00	100	100
77.00	95.40	87.22
51.00	34.50	36.85
0.00	0.00	0.00

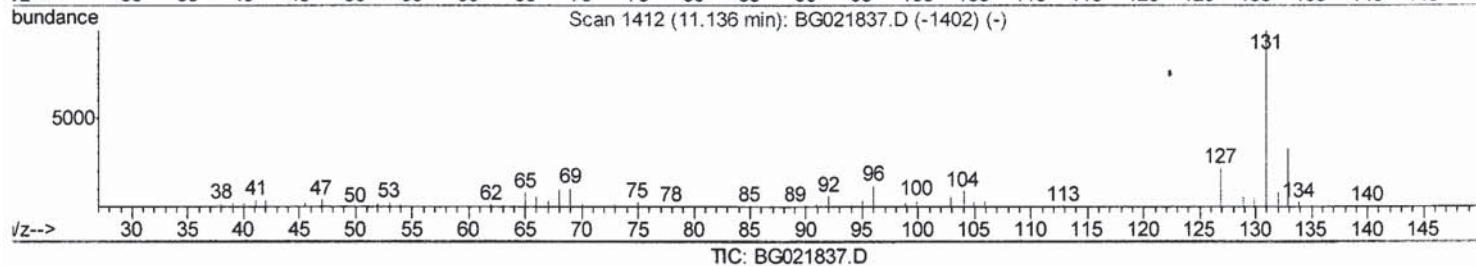
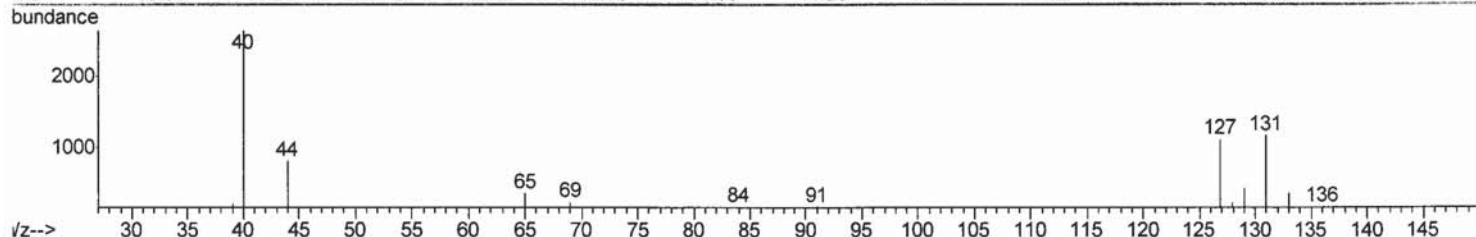
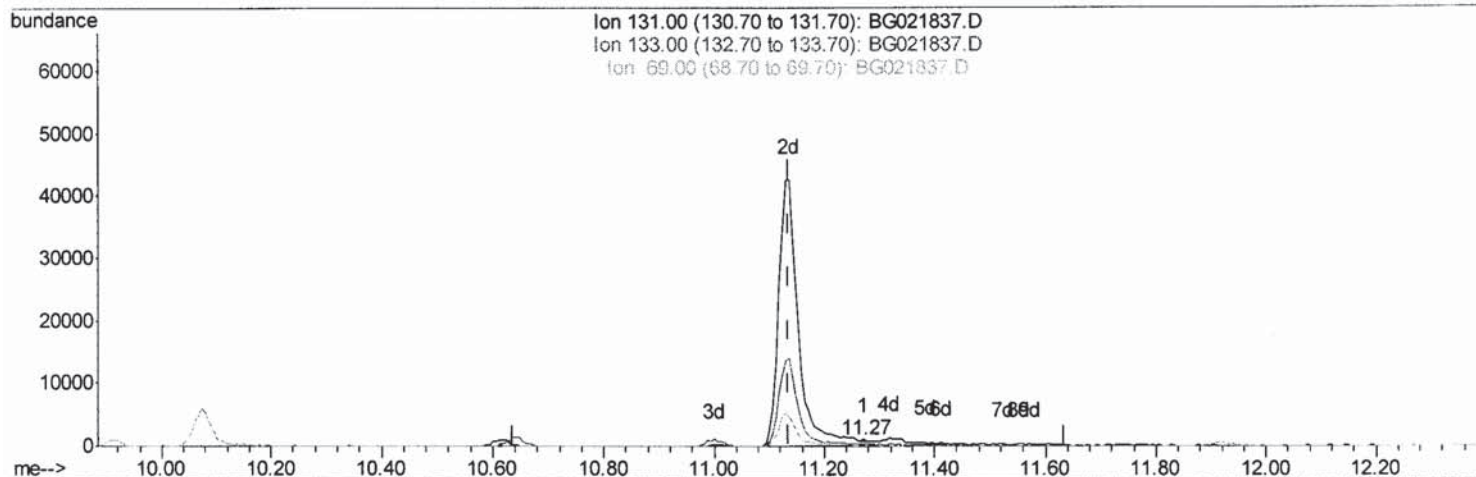
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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Quant Time: May 12 05:27:56 2016
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(29) 4-Chloroaniline-d4 (S)
 11.271min (+0.135) 0.05ng/ul
 response 188

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.66
69.00	23.00	19.95
0.00	0.00	0.00

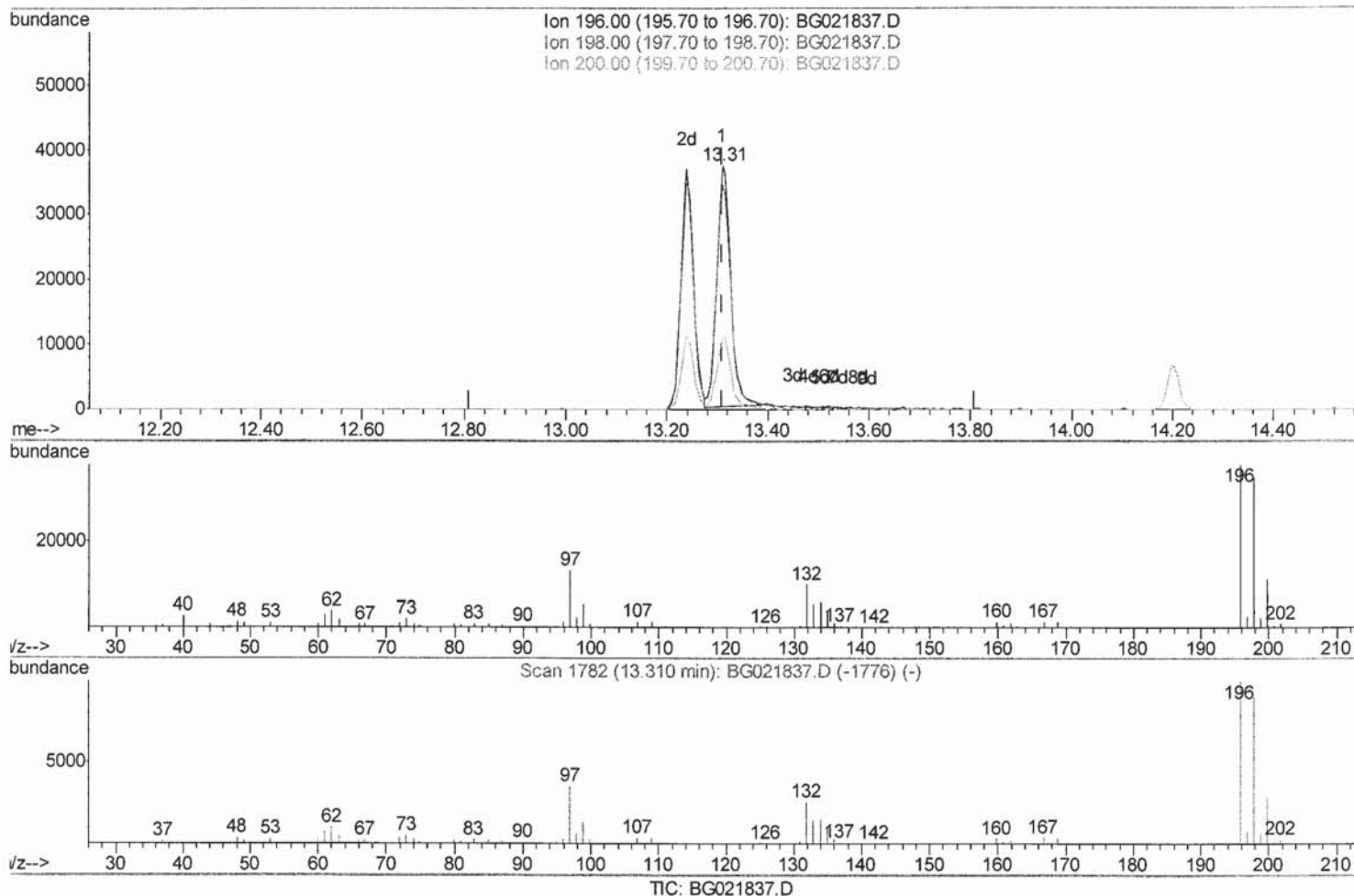
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
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 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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(40) 2,4,5-Trichlorophenol

13.310min (0.000) 23.43ng/ul

response 71199

Ion	Exp%	Act%
196.00	100	100
198.00	90.20	91.93
200.00	27.70	29.69
0.00	0.00	0.00

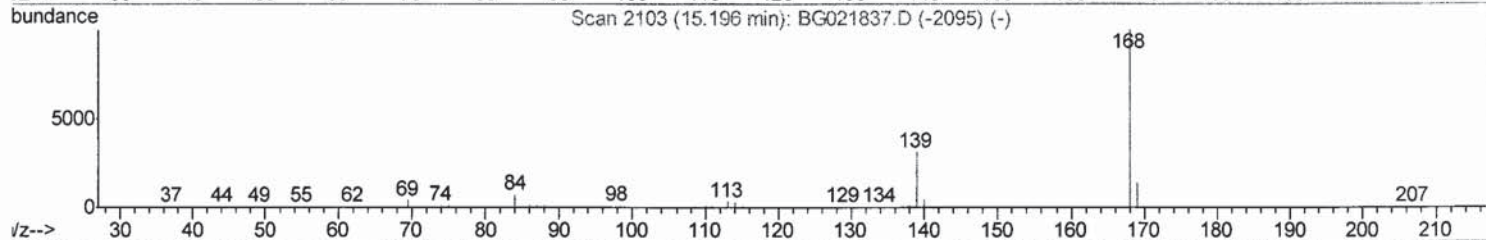
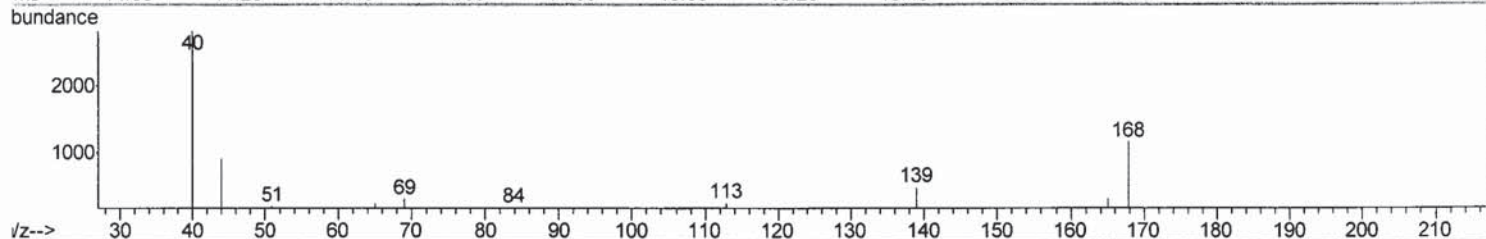
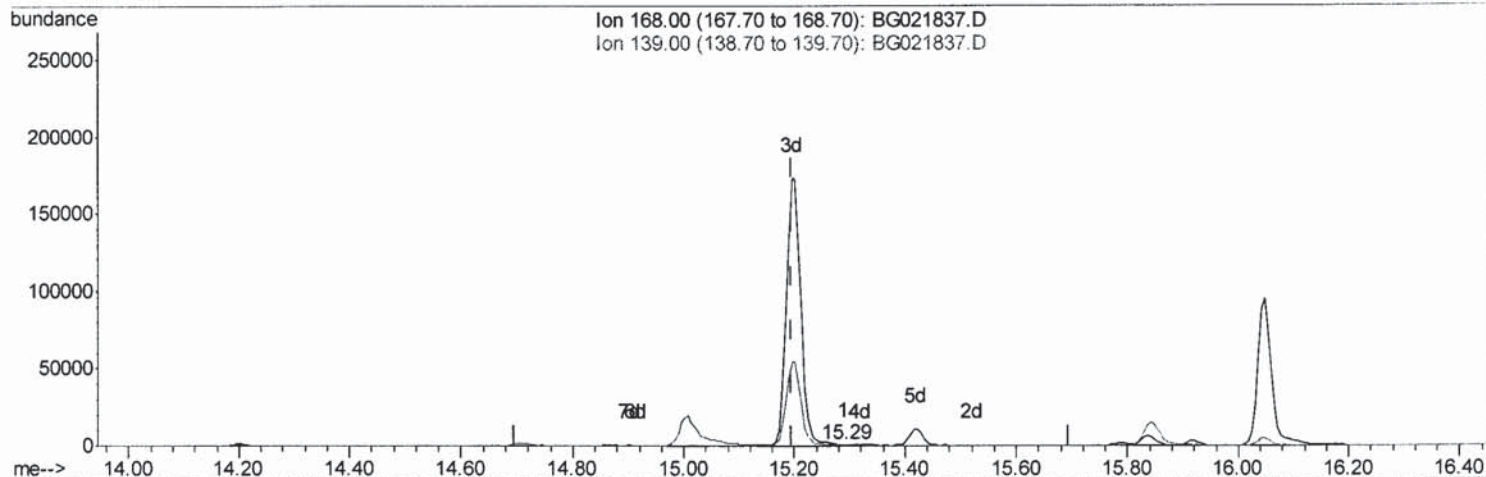
Data Path : Z:\HPCHEM1\BNA G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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 Response via : Initial Calibration



TIC: BG021837.D

(54) Dibenzofuran
 15.290min (+0.094) 0.08ng/ul
 response 1312

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	41.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

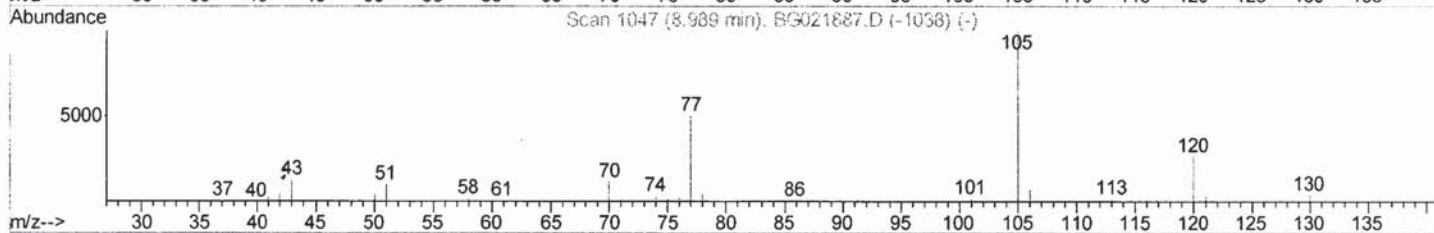
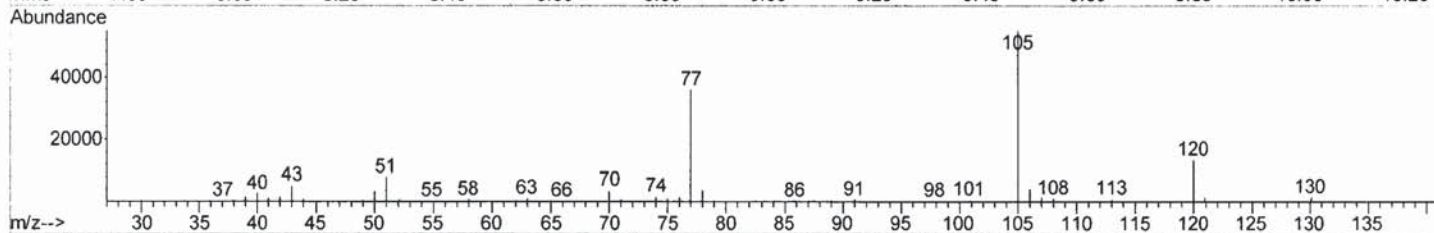
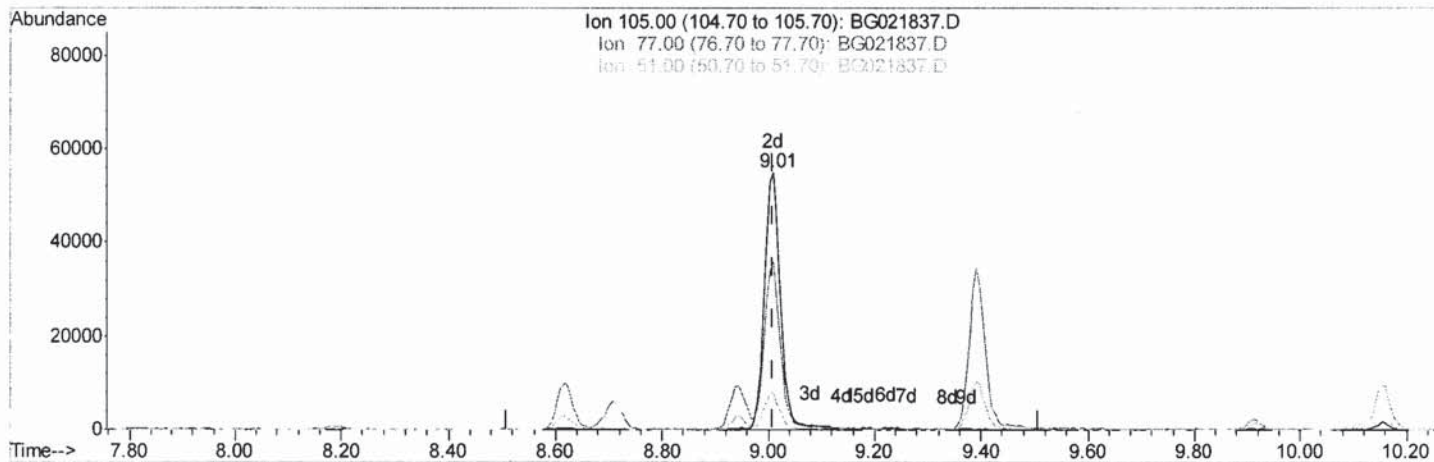
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051116\
 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
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Quant Time: May 12 07:32:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



TIC: BG021837.D

(14) Acetophenone

9.009min (0.000) 20.71ng/ul m

response 114935

Ion	Exp%	Act%
105.00	100	100
77.00	95.40	65.67#
51.00	34.50	14.35#
0.00	0.00	0.00

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Quantitation Report (Qedit)

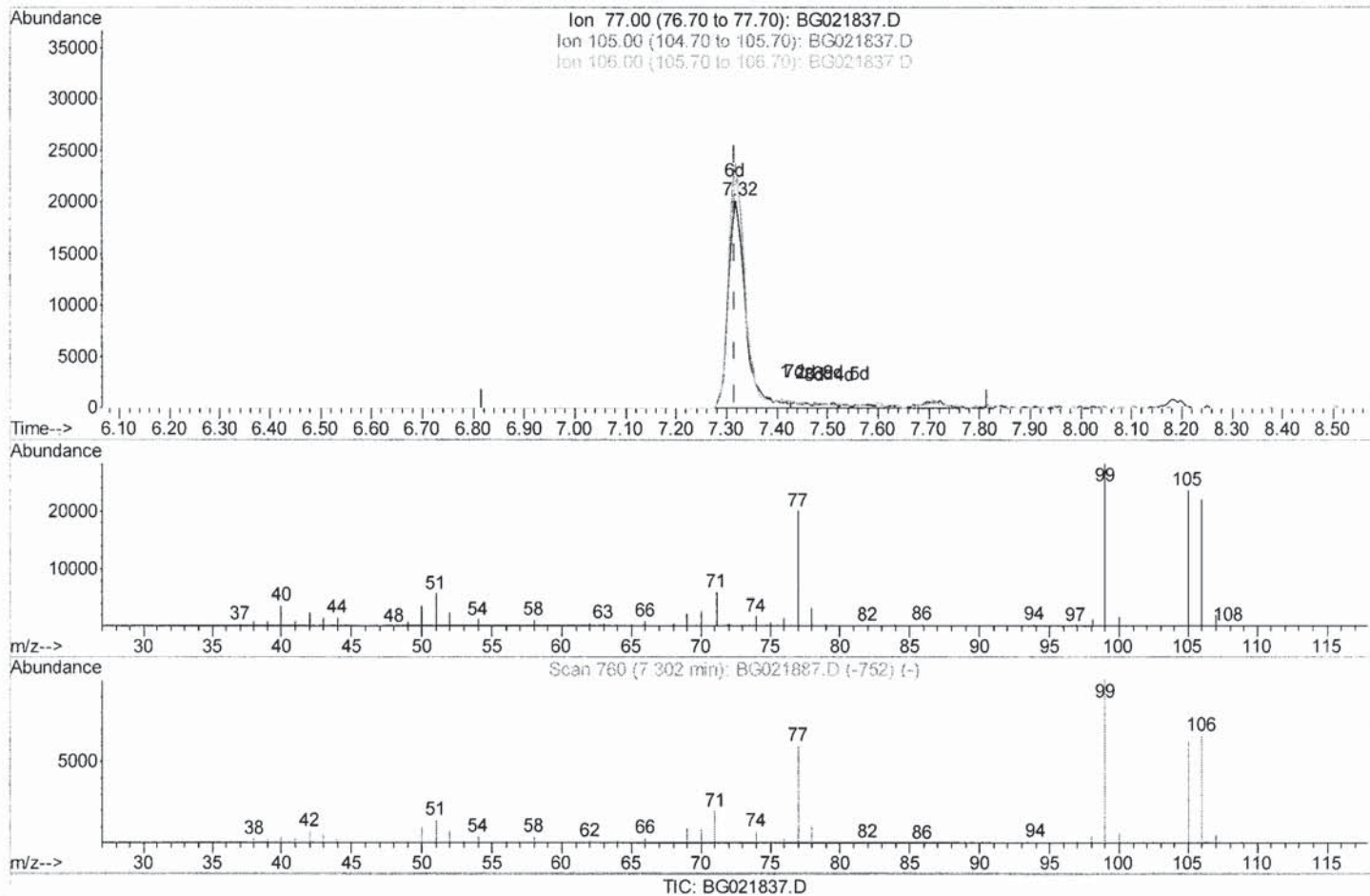
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 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 5/12/2016 7:24:26 PM

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 Response via : Initial Calibration



(4) Benzaldehyde

7.317min (0.000) 109.64ng/ul m

response 47797

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	117.57#
106.00	81.20	109.94#
0.00	0.00	0.00

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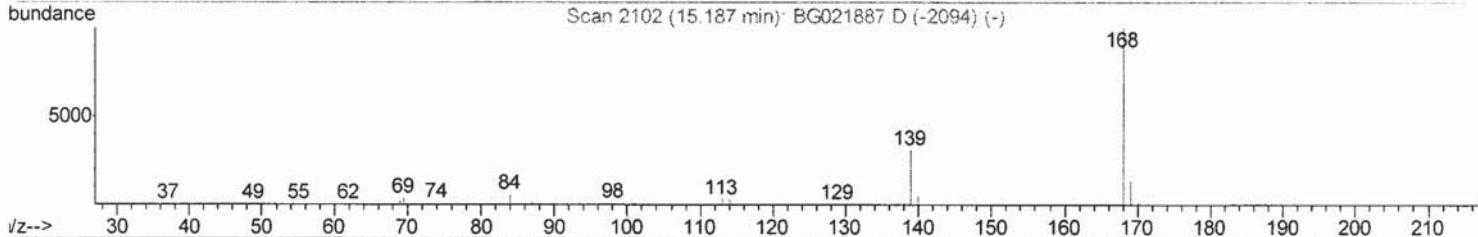
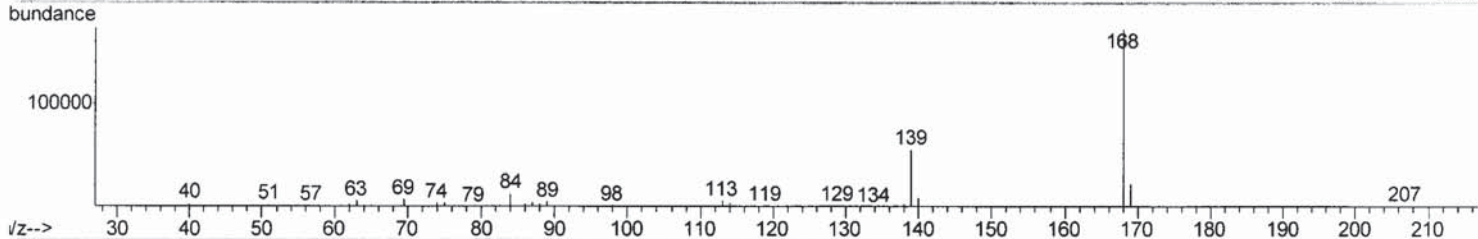
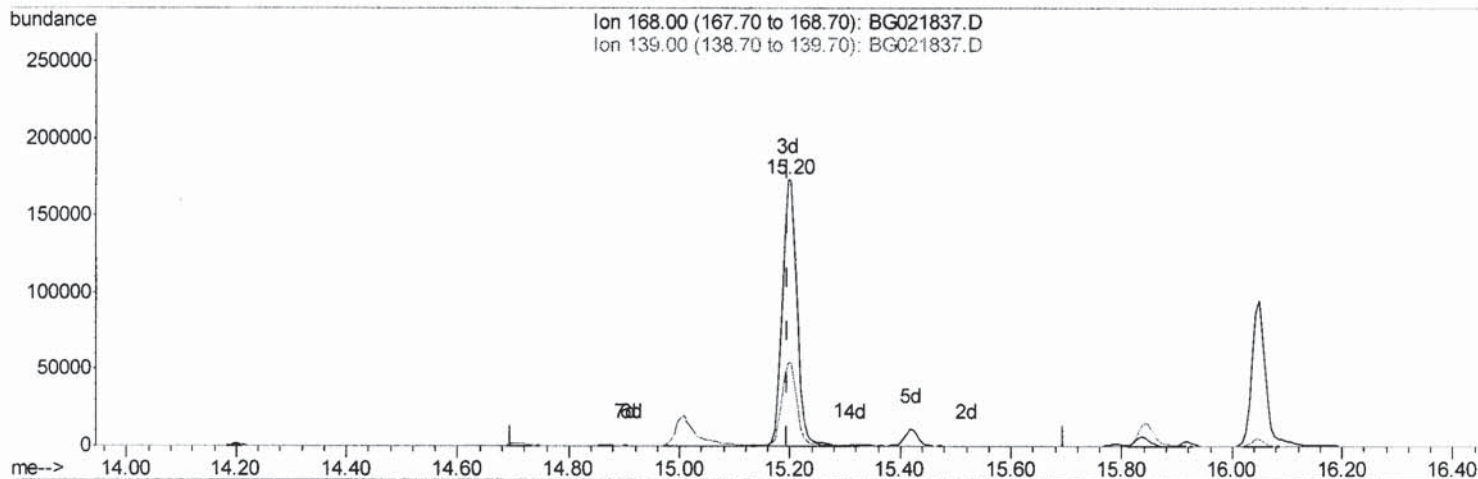
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG021837.D

(54) Dibenzofuran

15.196min (0.000) 20.11ng/ul m

response 313745

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	31.58#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

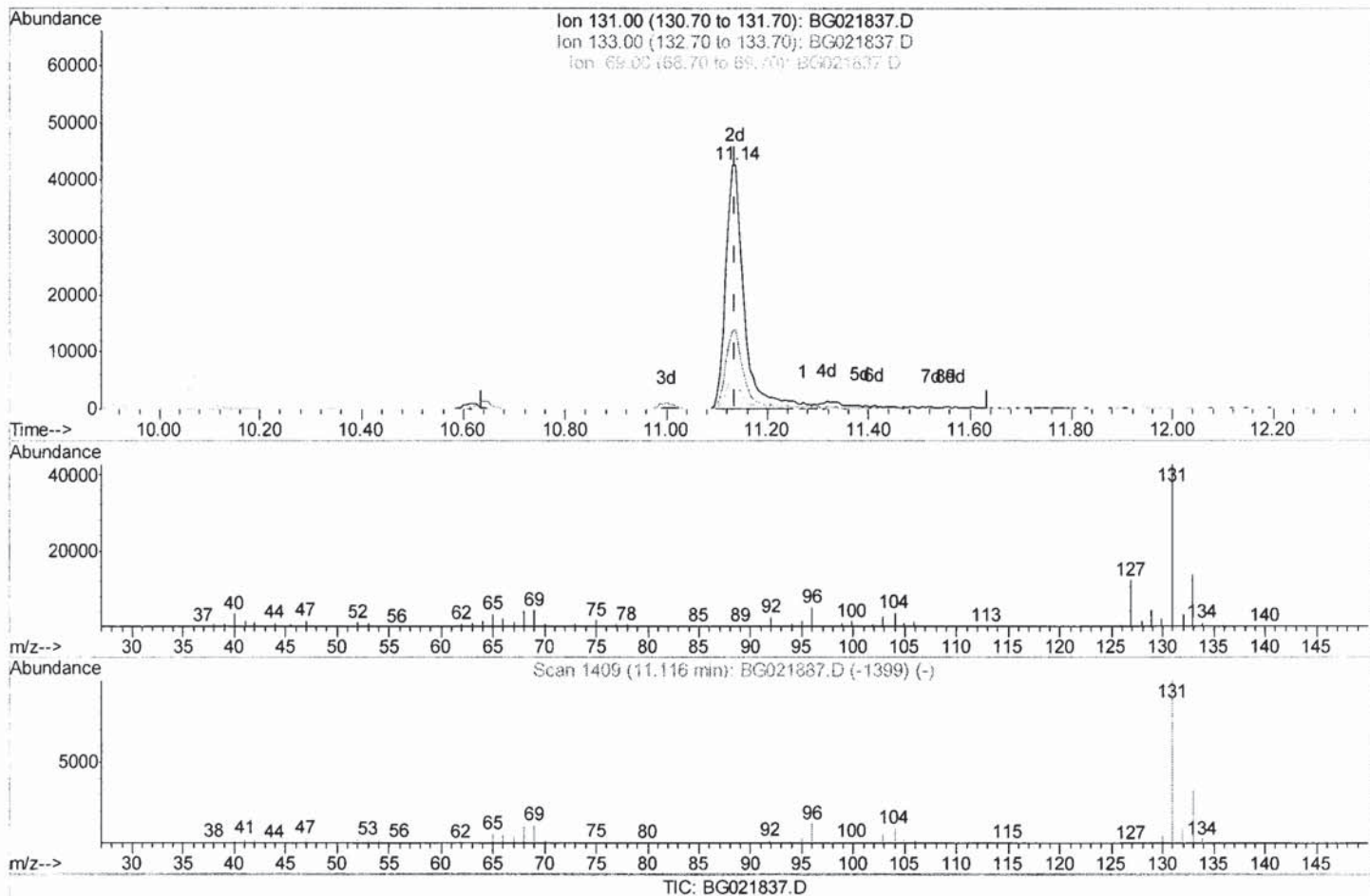
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 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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 5/12/2016 7:24:26 PM

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(29) 4-Chloroaniline-d4 (S)

11.136min (0.000) 31.27ng/ul m

response 107585

Ion Exp% Act%

131.00 100 100

133.00 34.60 32.72

69.00 23.00 10.46#

0.00 0.00 0.00

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Quantitation Report (Qedit)

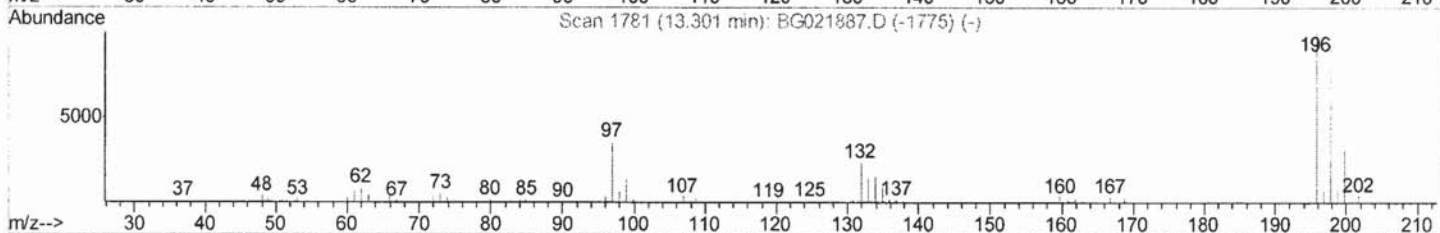
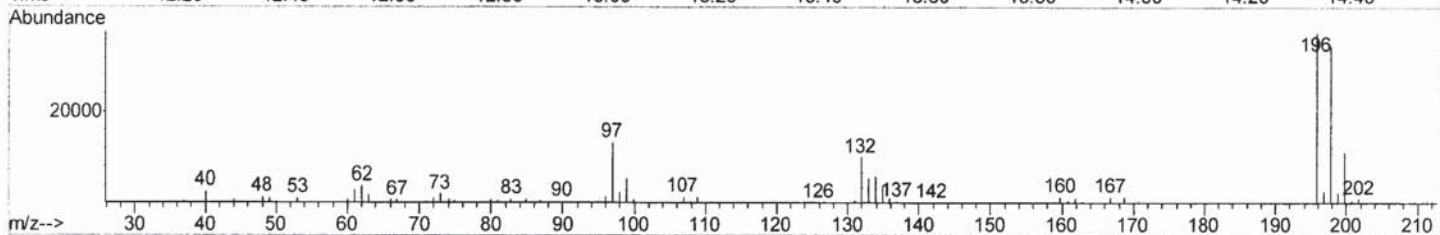
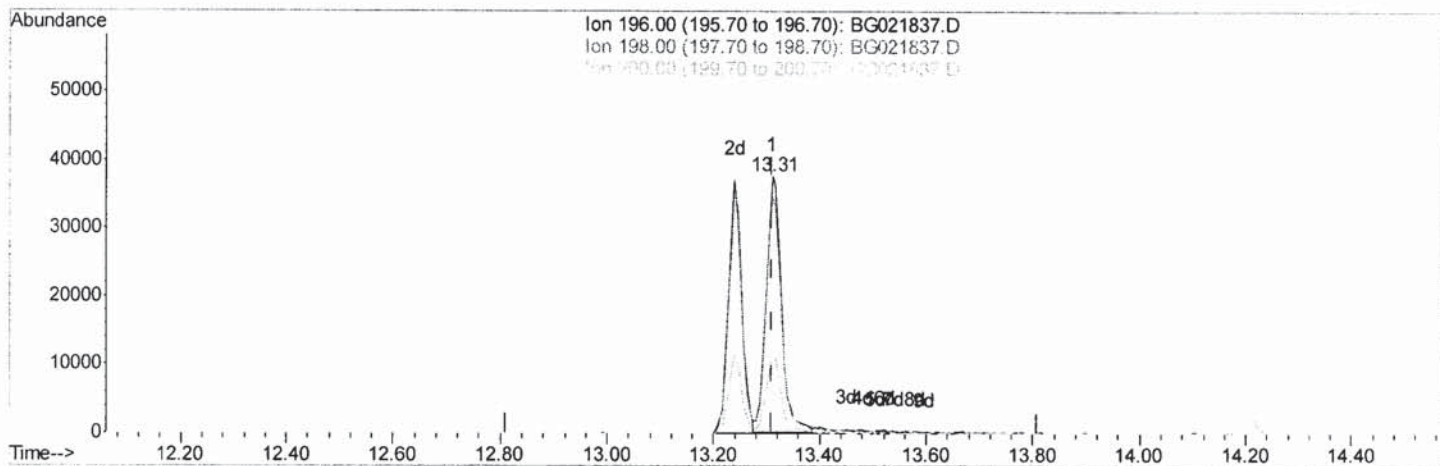
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Manual Integrations
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TIC: BG021837.D

(40) 2,4,5-Trichlorophenol

13.310min (0.000) 24.24ng/ul m

response 73657

Ion	Exp%	Act%
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196.00	100	100
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198.00	90.20	91.93
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200.00	27.70	29.69
--------	-------	-------

0.00	0.00	0.00
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Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	200728	20.15	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	97233	21.40	ng/ul#	93
38) Hexachlorocyclopentadiene	12.98	237	55057	23.83	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.24	196	63788	29.40	ng/ul	97
40) 2,4,5-Trichlorophenol	13.31	196	73657m	24.24	ng/ul	
41) 1,1'-Biphenyl	13.64	154	265564	20.80	ng/ul	95
42) 2-Chloronaphthalene	13.69	162	198713	20.53	ng/ul	94
43) 2-Nitroaniline	13.89	65	38912	24.43	ng/ul#	25
45) Dimethylphthalate	14.25	163	261052	22.26	ng/ul	99
46) 2,6-Dinitrotoluene	14.37	165	56960	24.61	ng/ul#	59
48) Acenaphthylene	14.53	152	352490	21.02	ng/ul	98
49) 3-Nitroaniline	14.71	138	53602	20.44	ng/ul#	63
50) Acenaphthene	14.87	153	237731	20.44	ng/ul	99
51) 2,4-Dinitrophenol	14.91	184	17090	32.58	ng/ul#	42
53) 4-Nitrophenol	15.00	109	17682	19.67	ng/ul#	28
54) Dibenzofuran	15.20	168	313745m	20.11	ng/ul	
55) 2,4-Dinitrotoluene	15.15	165	78257	24.43	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.42	232	63406	29.56	ng/ul#	86
57) Diethylphthalate	15.60	149	271793	23.77	ng/ul	98
59) Fluorene	15.85	166	268269	19.89	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.84	204	124671	20.48	ng/ul	89
61) 4-Nitroaniline	15.87	138	59241	19.77	ng/ul#	45
64) 4,6-Dinitro-2-methylphenol	15.92	198	36301	31.60	ng/ul#	77
65) N-Nitrosodiphenylamine	16.05	169	228752	20.59	ng/ul	92
66) 4-Bromophenyl-phenylether	16.73	248	77665	19.49	ng/ul#	81
67) Hexachlorobenzene	16.85	284	93468	20.36	ng/ul#	81
68) Atrazine	16.99	200	84883	26.59	ng/ul	97
69) Pentachlorophenol	17.19	266	47280	26.96	ng/ul	95
70) Phenanthrene	17.59	178	427494	20.55	ng/ul	97
72) Anthracene	17.68	178	433620	20.52	ng/ul	99
73) Carbazole	17.95	167	402072	21.95	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	482403	28.98	ng/ul#	96
75) Fluoranthene	19.58	202	481900	20.39	ng/ul#	94
78) Pyrene	19.95	202	484099m	21.13	ng/ul	
79) Butylbenzylphthalate	20.82	149	205722	40.62	ng/ul#	79
80) 3,3'-Dichlorobenzidine	21.72	252	160699	24.57	ng/ul	95
81) Benzo(a)anthracene	21.81	228	452421	20.53	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	308949	37.37	ng/ul	97
83) Chrysene	21.88	228	439937	20.18	ng/ul	99
85) Di-n-octyl phthalate	22.96	149	518664	33.35	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	443434	20.53	ng/ul#	97
87) Benzo(k)fluoranthene	24.17	252	460201	19.91	ng/ul#	95
89) Benzo(a)pyrene	25.01	252	437781	20.36	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.99	276	522597	20.51	ng/ul#	94
91) Dibenzo(a,h)anthracene	29.06	278	428993	20.23	ng/ul#	96
92) Benzo(g,h,i)perylene	30.20	276	430352	20.47	ng/ul#	90

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 05/14/16

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051116\
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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54045	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	272002	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	163875	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	380483	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	395943	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	377271	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	8370	7.48	ng/uL	0.00
5) Phenol-d5	7.33	99	82804	20.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	41255	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	75738	24.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	74558	22.13	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	39089	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	41541	36.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	77677	24.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	107585m	31.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	266688	23.17	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	338843	20.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	47353	24.00	ng/ul	0.00
58) Fluorene-d10	15.79	176	238489	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32843	31.16	ng/ul	0.00
71) Anthracene-d10	17.65	188	363379	19.62	ng/ul	0.00
77) Pyrene-d10	19.92	212	386094	20.83	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	354631	19.78	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.60	88	14923	7.19	ng/uL#	69
4) Benzaldehyde	7.32	77	47797m	109.64	ng/ul	
6) Phenol	7.36	94	86216	20.21	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.59	93	66080	19.03	ng/ul#	81
10) 2-Chlorophenol	7.74	128	77063	24.56	ng/ul#	77
11) 2-Methylphenol	8.62	108	71770	21.40	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.71	45	65667	21.54	ng/ul#	85
14) Acetophenone	9.01	105	114935m	20.71	ng/ul	
15) N-Nitroso-di-n-propylamine	8.99	70	53740	21.43	ng/ul#	75
16) 4-Methylphenol	8.94	108	80671	21.78	ng/ul	89
17) Hexachloroethane	9.27	117	29106	20.94	ng/ul	98
20) Nitrobenzene	9.39	77	69458	20.09	ng/ul#	76
21) Isophorone	9.91	82	169040	21.05	ng/ul#	86
23) 2-Nitrophenol	10.11	139	45131	33.12	ng/ul#	57
24) 2,4-Dimethylphenol	10.15	107	81850	24.00	ng/ul#	74
25) Bis(2-Chloroethoxy)methane	10.39	93	99950	20.73	ng/ul	99
27) 2,4-Dichlorophenol	10.64	162	77710	23.88	ng/ul#	93
28) Naphthalene	11.05	128	272414	19.97	ng/ul	98
30) 4-Chloroaniline	11.15	127	101055	29.01	ng/ul	98
31) Hexachlorobutadiene	11.33	225	42840	19.50	ng/ul	97
32) Caprolactam	11.92	113	35173	25.56	ng/ul#	46
33) 4-Chloro-3-methylphenol	12.26	107	78678	23.92	ng/ul#	69
34) 2-Methylnaphthalene	12.64	142	204332	20.35	ng/ul	99

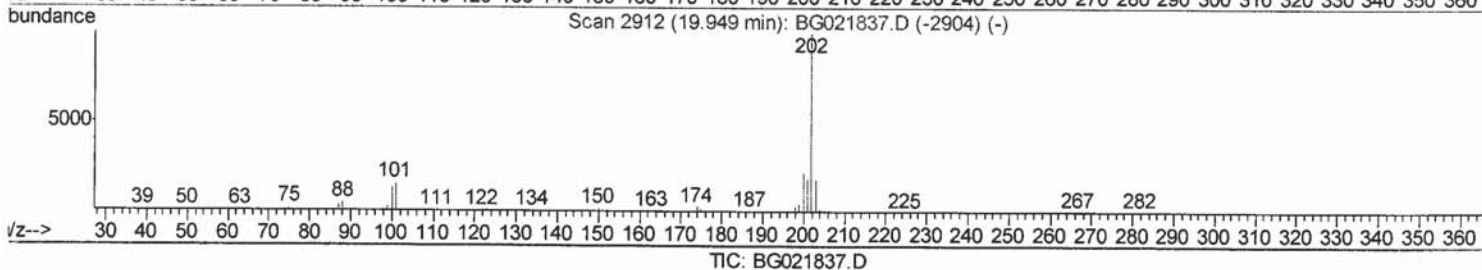
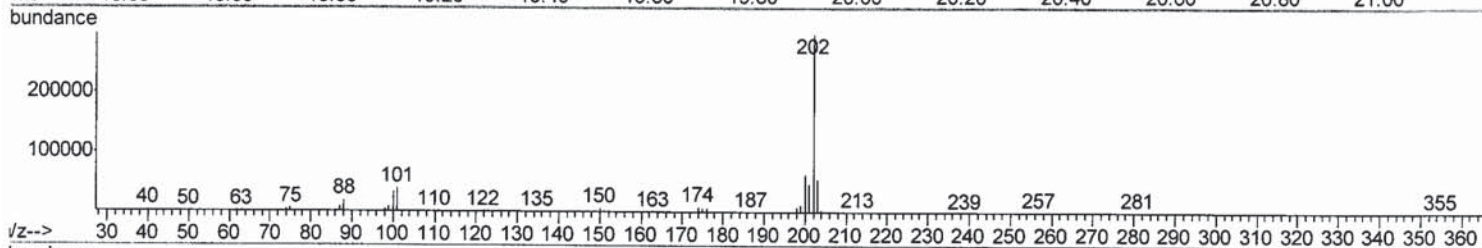
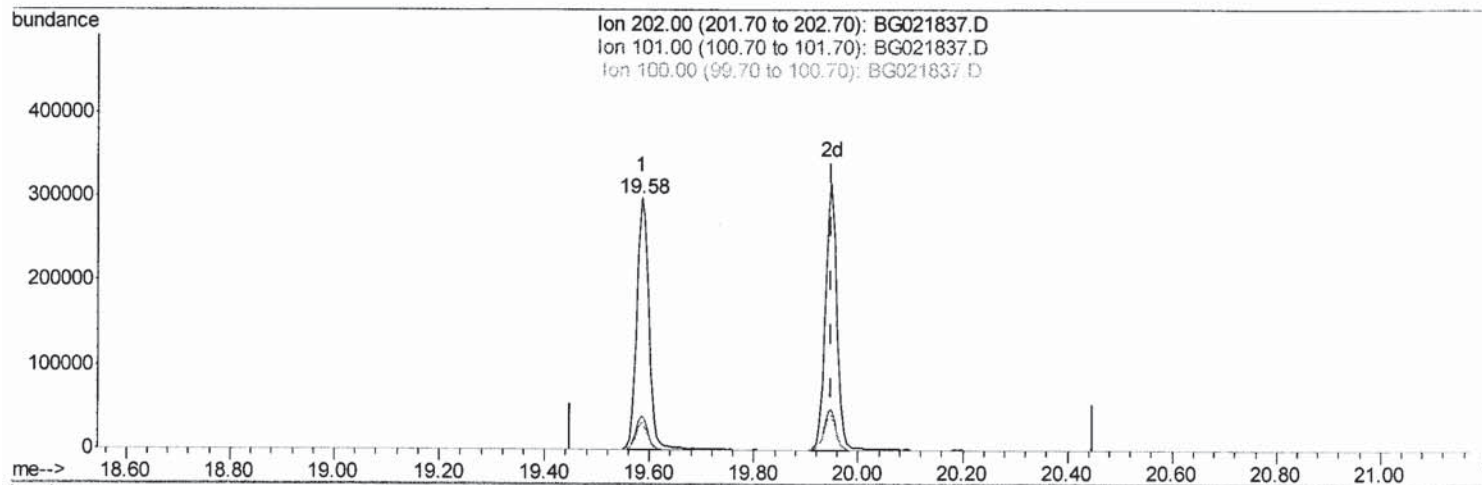
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 Data File : BG021837.D
 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:24:26 PM

Quant Time: May 12 05:27:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration



(78) Pyrene

19.585min (-0.364) 21.04ng/ul

response 481900

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.35
100.00	11.60	11.10
0.00	0.00	0.00

Quantitation Report (Qedit)

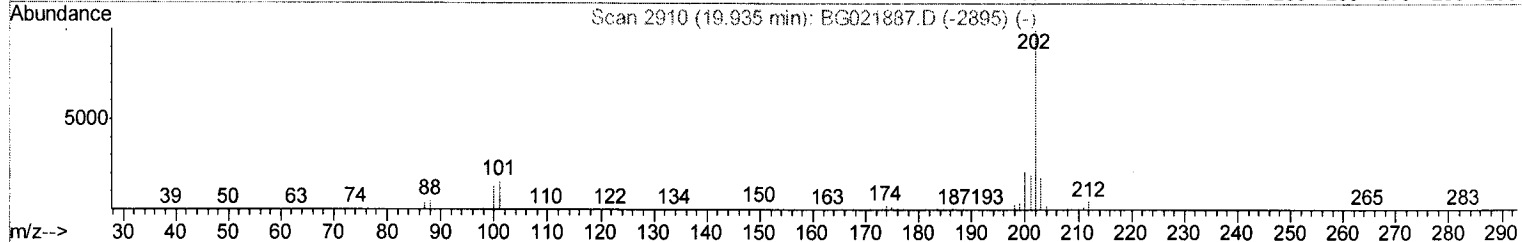
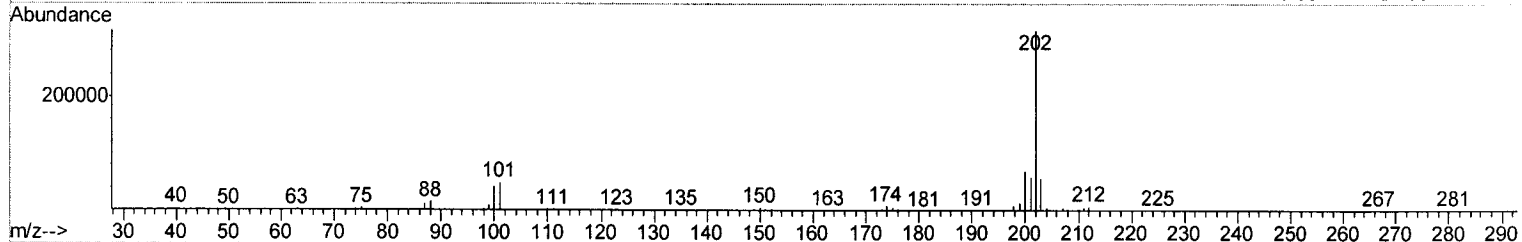
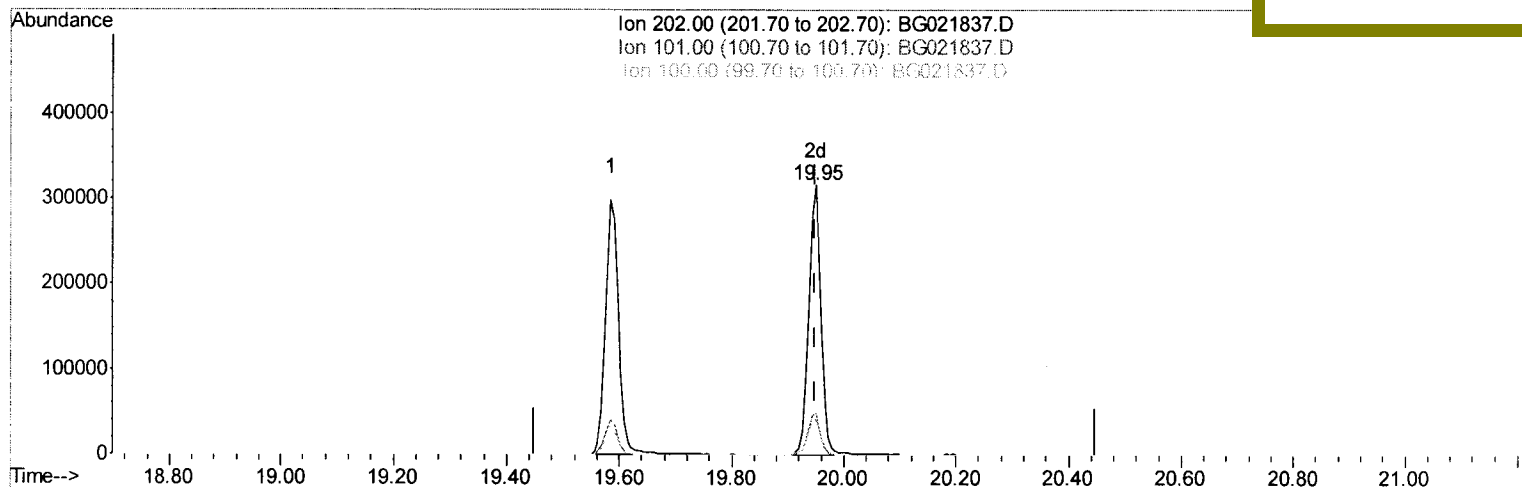
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051116\
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 Acq On : 11 May 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
LabSampleId :
 SSTD02016

Quant Time: May 12 07:32:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
 5/12/2016 7:24:26 PM



TIC: BG021837.D

(78) Pyrene

19.949min (0.000) 21.13ng/ul m

response 484099

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.35#
100.00	11.60	13.24
0.00	0.00	0.00

> U.M
 05/14/16