

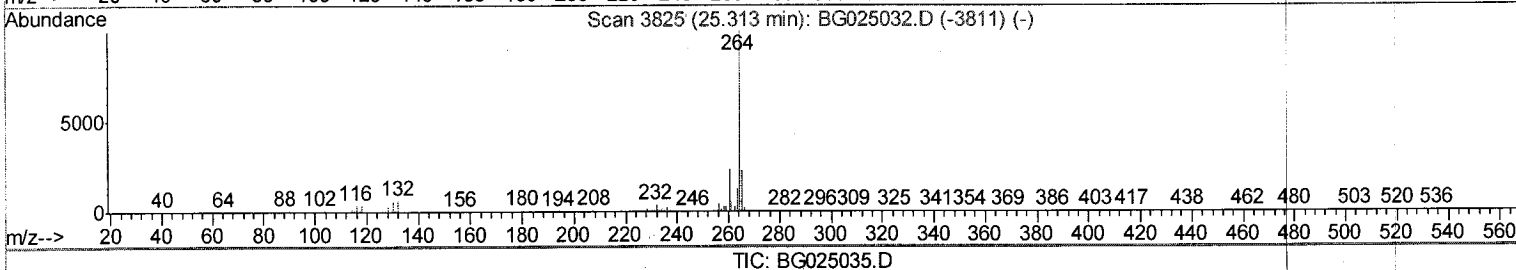
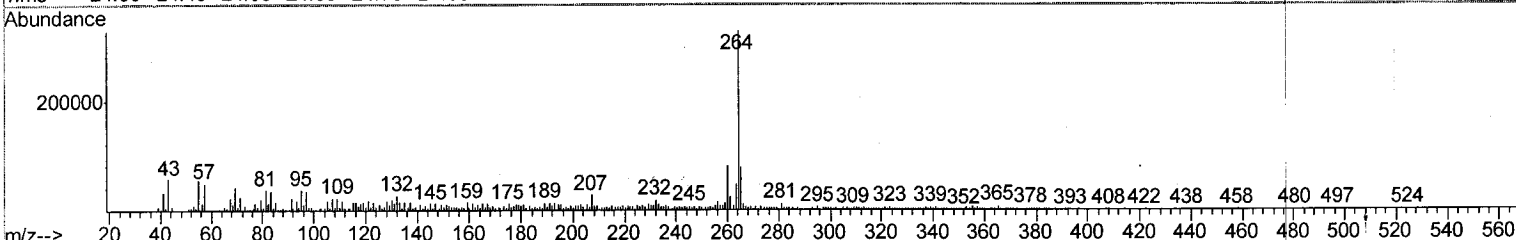
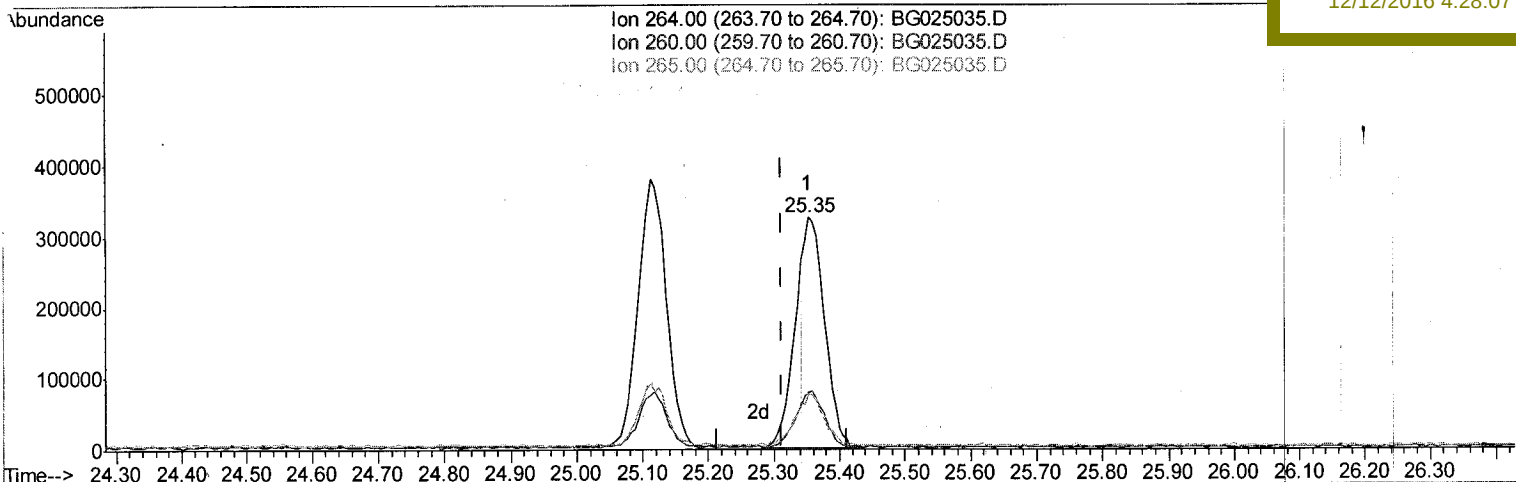
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 00:49:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 11 23:54:53 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7Y2

Manual Integrations
APPROVED

Sohil
12/12/2016 4:28:07 PM



(83) Perylene-d12 (I)

25.353min (+0.040) 20.00ng/ul m

response 1016039

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	24.55
265.00	20.60	24.14
0.00	0.00	0.00

> M.D
12/13/2016

Quantitation Report (LSC Reviewed)

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Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

Quant Time: Dec 12 01:33:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	126691	20.00	ng/ul	0.01
18) Naphthalene-d8	11.10	136	544770	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.92	164	492488	20.00	ng/ul	0.06
61) Phenanthrene-d10	17.64	188	713492	20.00	ng/ul	0.04
75) Chrysene-d12	21.92	240	950134	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	1016039m	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	68885	28.08	ng/uL	0.00
5) Phenol-d5	7.41	99	240971	22.05	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.57	67	176687	26.13	ng/ul	0.01
9) 2-Chlorophenol-d4	7.79	132	177378	23.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.98	113	216740m	23.73	ng/ul	0.05
19) Nitrobenzene-d5	9.45	128	120907	31.34	ng/ul	0.03
22) 2-Nitrophenol-d4	10.17	143	116795	24.29	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.75	165	226990	24.54	ng/ul	0.06
29) 4-Chloroaniline-d4	11.25	131	962209	105.86	ng/ul	0.04
43) Dimethylphthalate-d6	14.35	166	830277	24.51	ng/ul	0.09
46) Acenaphthylene-d8	14.62	160	1025015	27.62	ng/ul	0.06
51) 4-Nitrophenol-d4	15.13	143	163953	28.16	ng/ul	0.08
57) Fluorene-d10	15.90	176	872473	27.36	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	16.04	200	256739	58.20	ng/ul	0.08
70) Anthracene-d10	17.74	188	898863	29.85	ng/ul	0.03
76) Pyrene-d10	19.99	212	1041741	26.62	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	1124986	27.33	ng/ul	0.04

Target Compounds

						Qvalue
6) Phenol	7.44	94	1763302	157.18	ng/ul#	91
11) 2-Methylphenol	8.72	108	4027781	487.63	ng/ul	97
14) Acetophenone	9.05	105	2332035m	167.77	ng/ul	
16) 4-Methylphenol	9.09	108	6857221m	746.22	ng/ul	
24) 2,4-Dimethylphenol	10.31	107	12423860m	1113.63	ng/ul	
28) Naphthalene	11.16	128	6921164	273.31	ng/ul#	61
34) 2-Methylnaphthalene	12.79	142	10406975	520.76	ng/ul#	80
40) 1,1'-Biphenyl	13.76	154	3570270	119.57	ng/ul#	81
49) Acenaphthene	14.99	153	1168902	47.30	ng/ul#	85
53) Dibenzofuran	15.32	168	2471413	63.23	ng/ul	91
58) Fluorene	15.96	166	2393896	75.23	ng/ul#	94
69) Phenanthrene	17.69	178	1041267	30.58	ng/ul#	86
71) Anthracene	17.77	178	283356	8.09	ng/ul#	74
74) Fluoranthene	19.67	202	132636	3.28	ng/ul#	94
77) Pyrene	20.02	202	181431	3.97	ng/ul#	95

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

M.D
 12/13/2016.

3 M.D
 12/13/2016

Quantitation Report (Qedit)

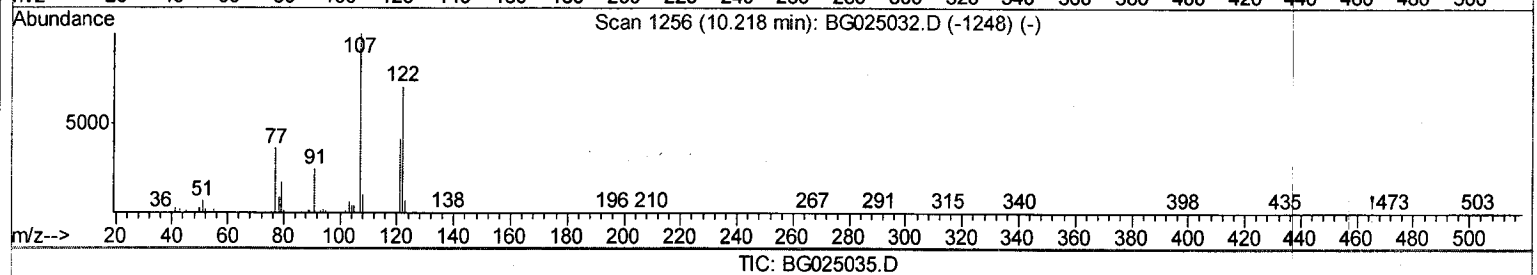
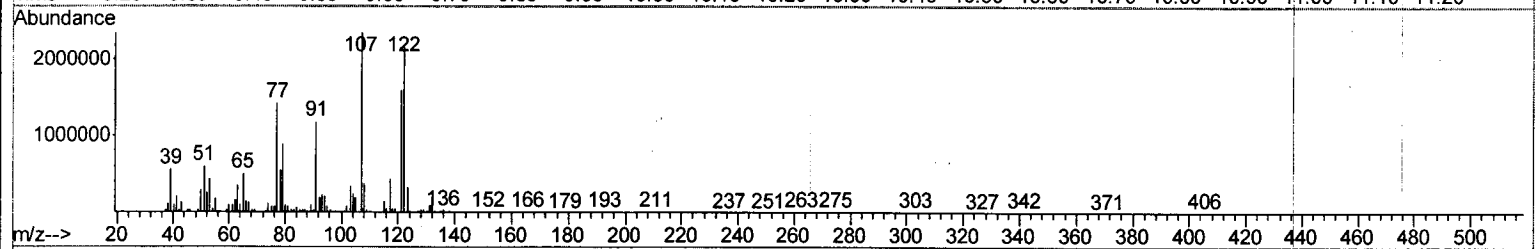
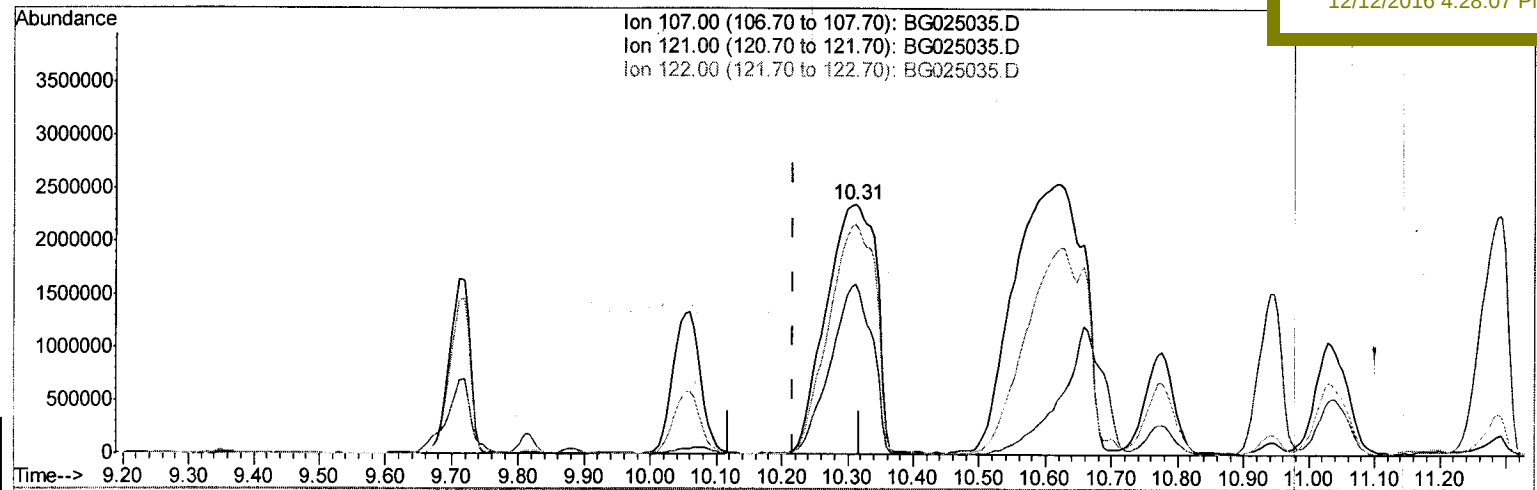
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM



(24) 2,4-Dimethylphenol

10.312min (+0.093) 1113.63ng/ul m > 12/13/2016.

response 12423860

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	67.91#
122.00	76.50	91.72
0.00	0.00	0.00

Quantitation Report (Qedit)

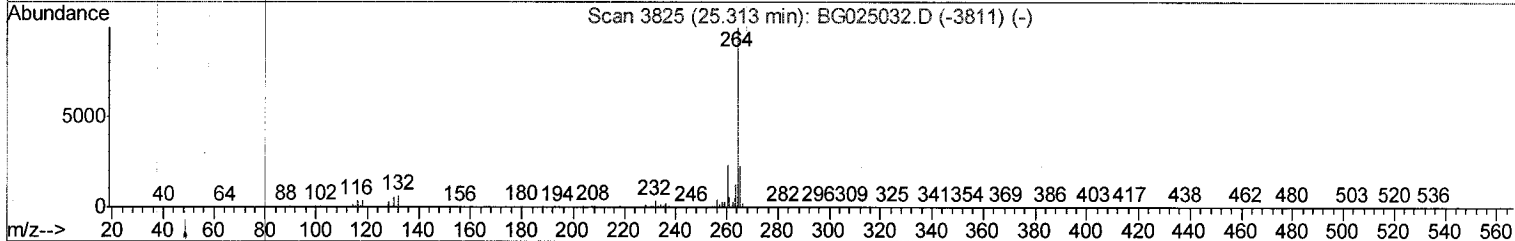
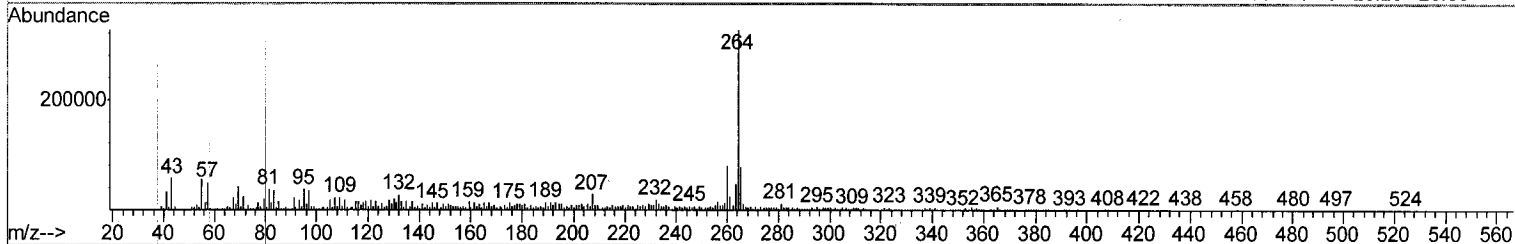
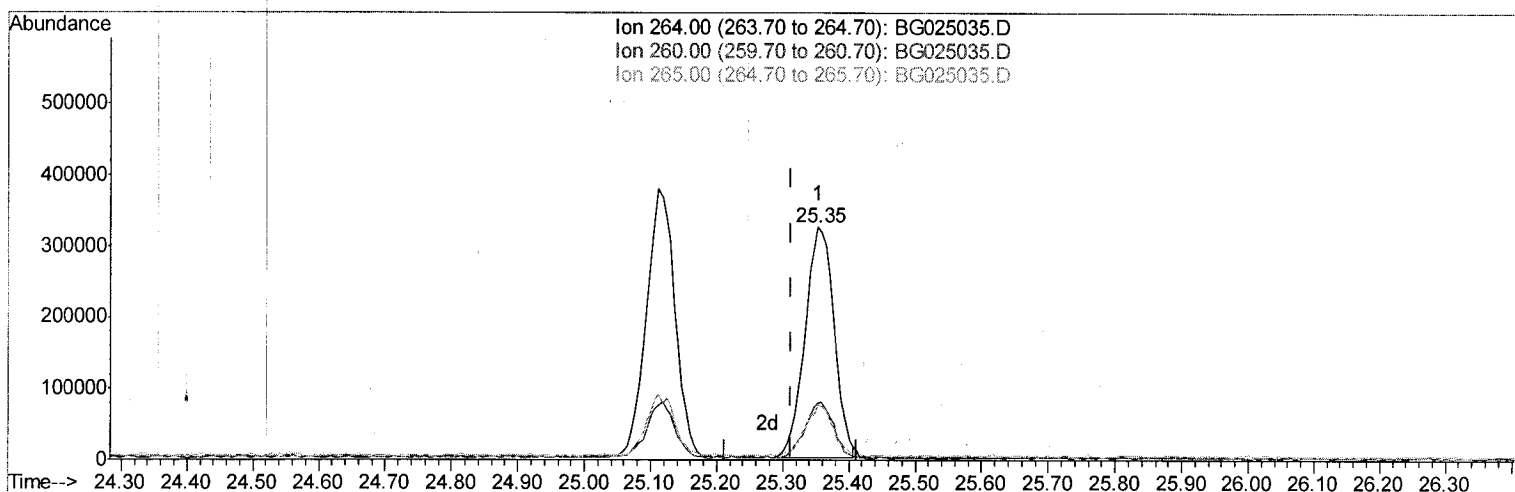
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DATY2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

Quant Time: Dec 12 00:49:32 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration



TIC: BG025035.D

(83) Perylene-d12 (I)

25.353min (+0.040) 20.00ng/ul

response 985903

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	24.55
265.00	20.60	24.14
0.00	0.00	0.00

Quantitation Report (Qedit)

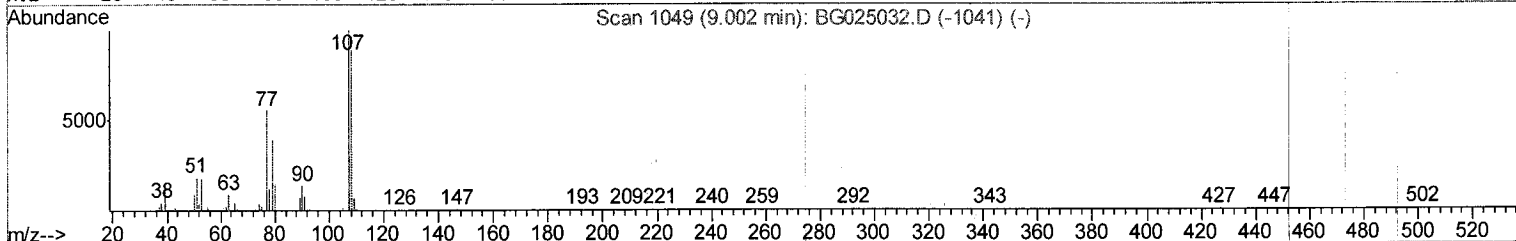
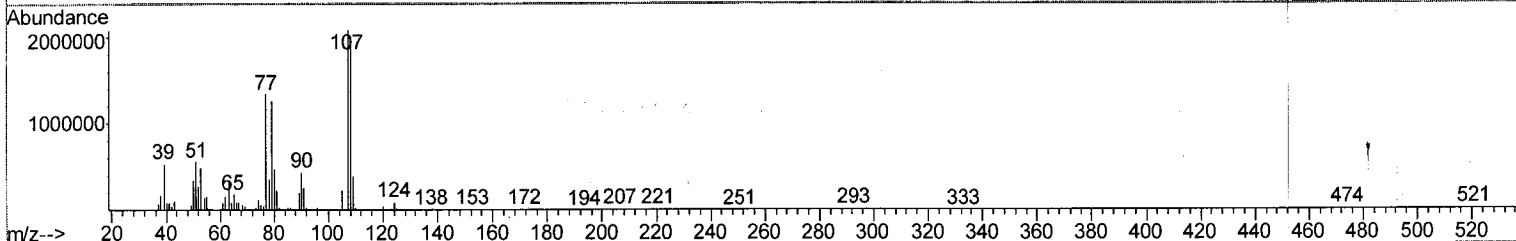
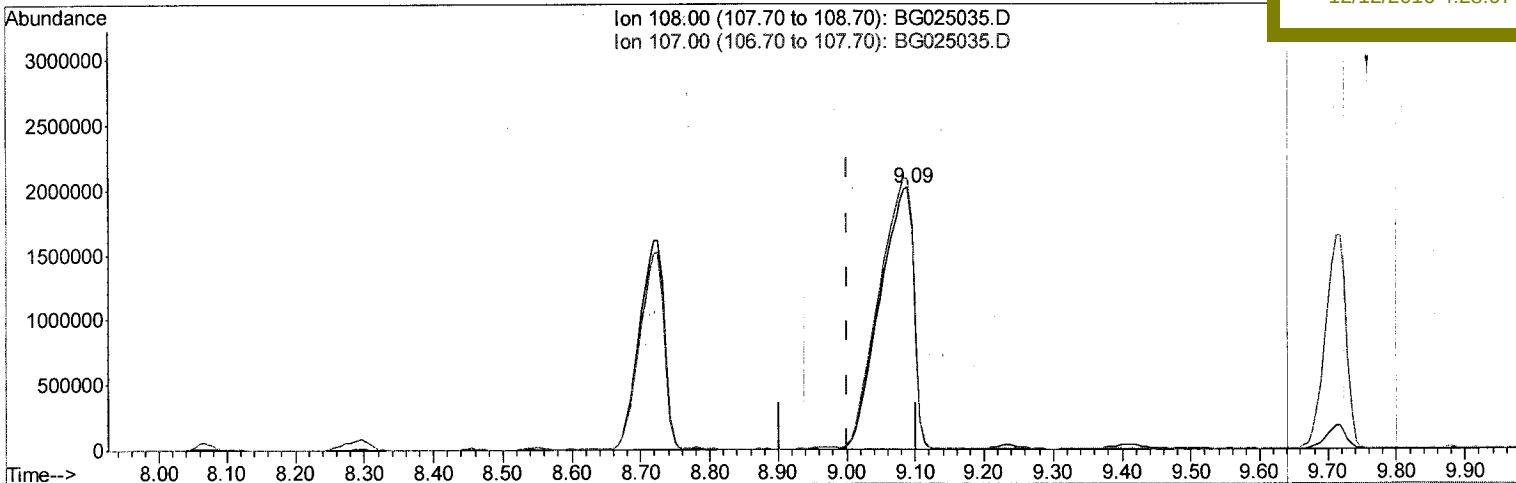
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA7Y2

Quant Time: Dec 11 23:58:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM



TIC: BG025035.D

(16) 4-Methylphenol

9.090min (+0.087) 746.22ng/ul m

response 6857221

Ion	Exp%	Act%
108.00	100	100
107.00	114.60	103.38
0.00	0.00	0.00
0.00	0.00	0.00

> M.P
 12/13/2016.

Quantitation Report (Qedit)

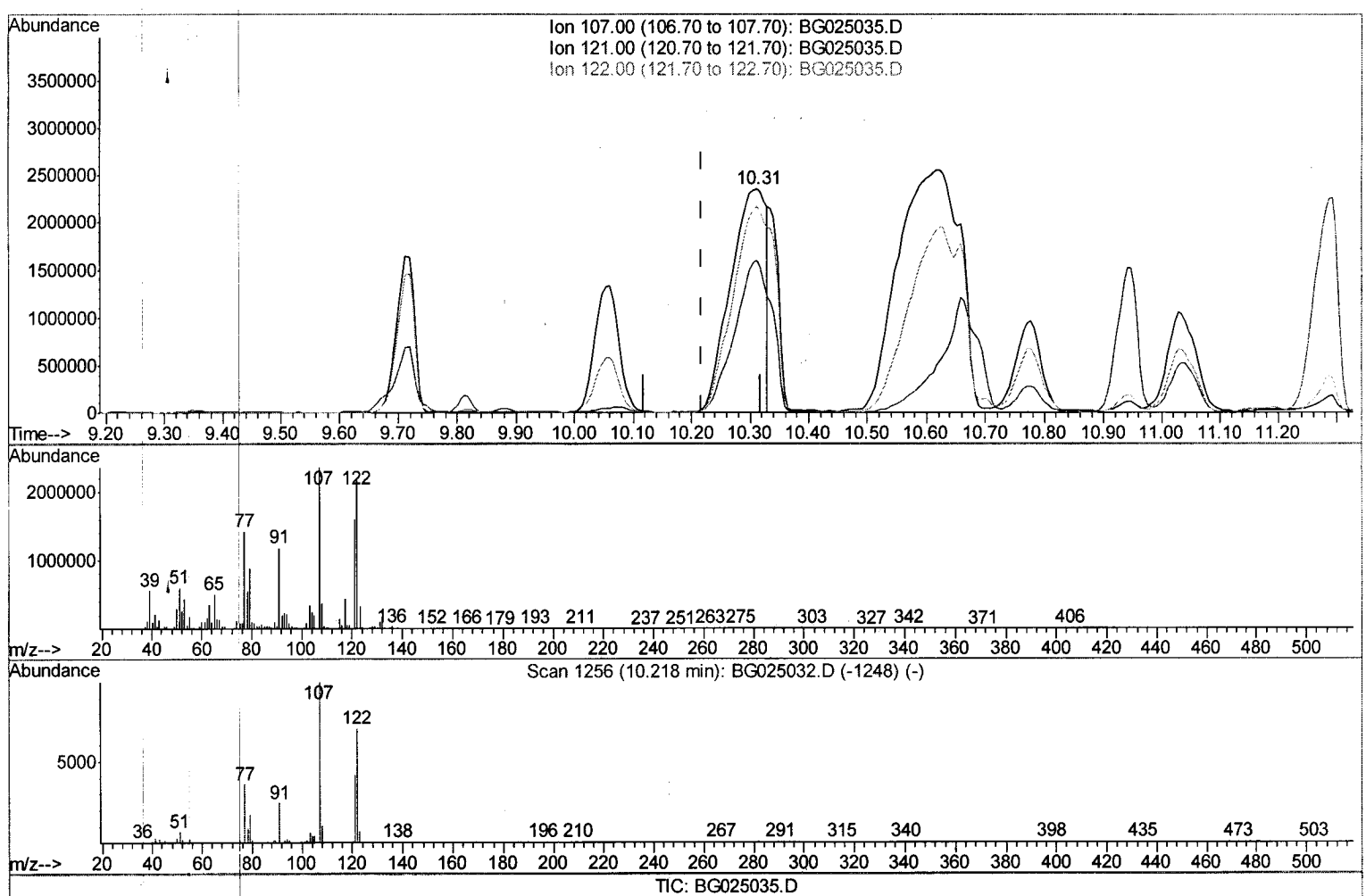
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 DA7Y2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

Quant Time: Dec 11 23:58:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

10.312min (+0.093) 892.20ng/ul

response 9953627

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	67.91#
122.00	76.50	91.72
0.00	0.00	0.00

Quantitation Report (Qedit)

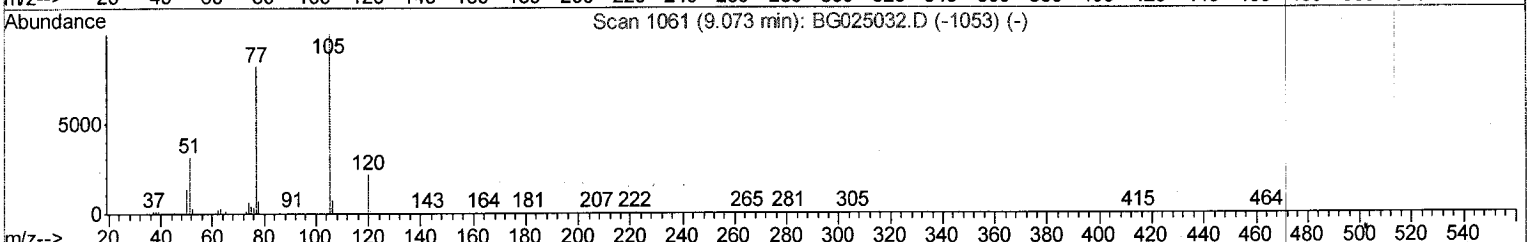
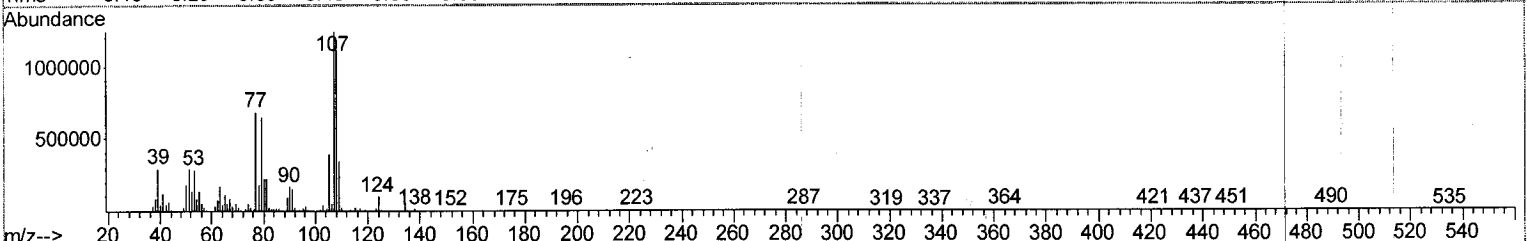
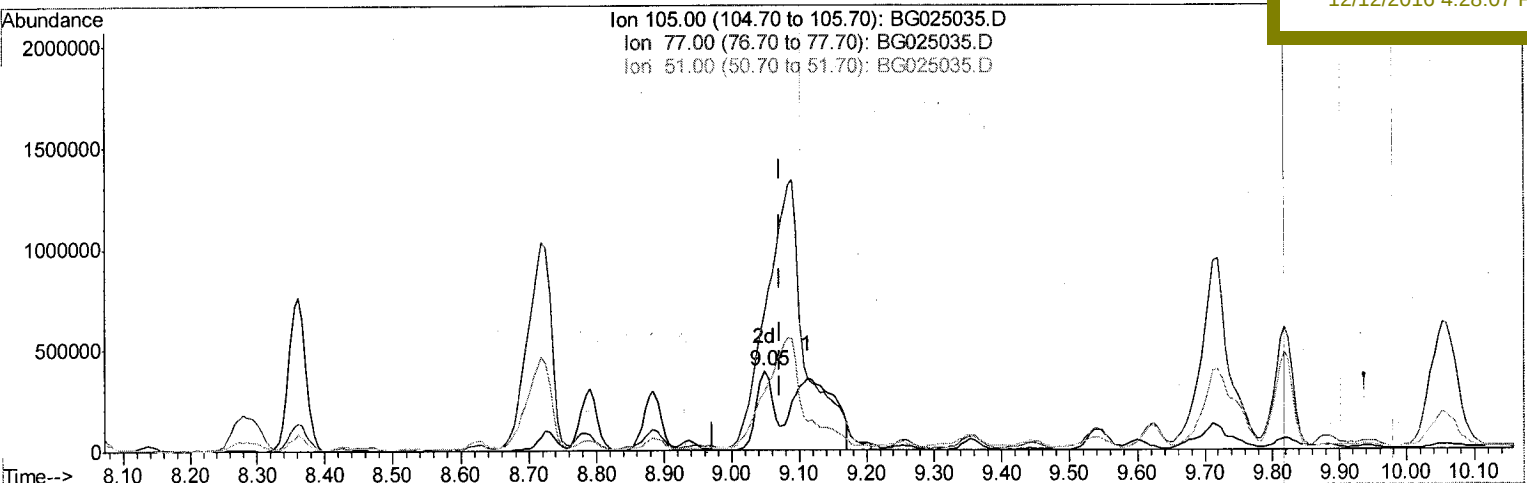
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 DATY2

Quant Time: Dec 11 23:58:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM



TIC: BG025035.D

(14) Acetophenone

9.048min (-0.024) 167.77ng/ul m

response 2332035

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	174.47#
51.00	43.50	73.13#
0.00	0.00	0.00

> M.D
 12/13/2016

Quantitation Report (Qedit)

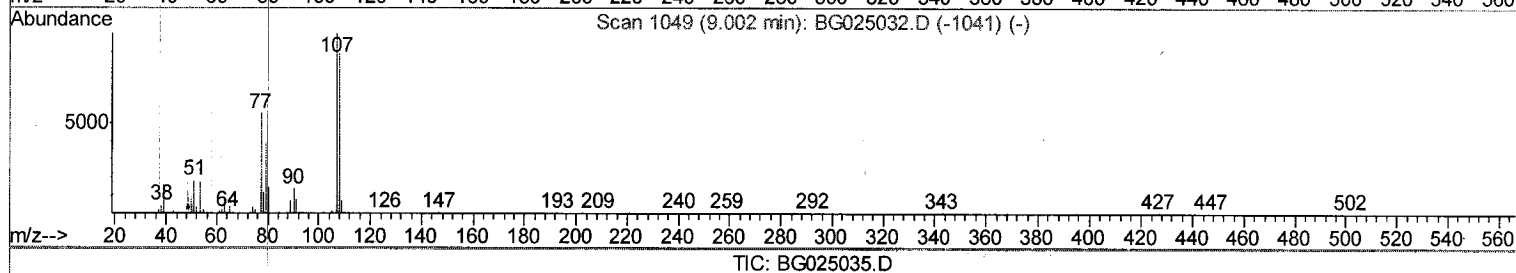
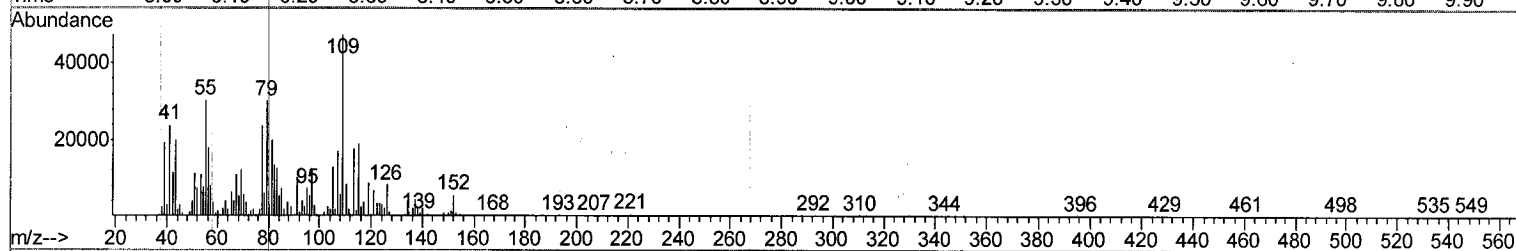
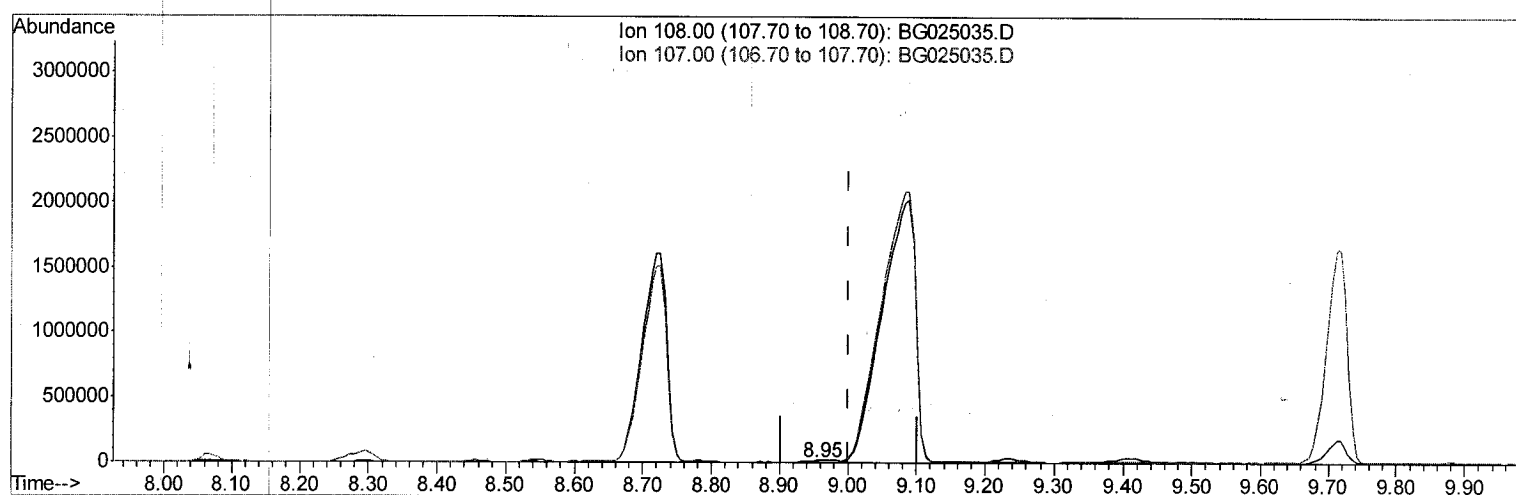
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DATY2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

Quant Time: Dec 11 23:58:18 2016
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 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration



(16) 4-Methylphenol

8.954min (-0.048) 0.66ng/ul

response 6099

Ion	Exp%	Act%
108.00	100	100
107.00	114.60	297.16#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

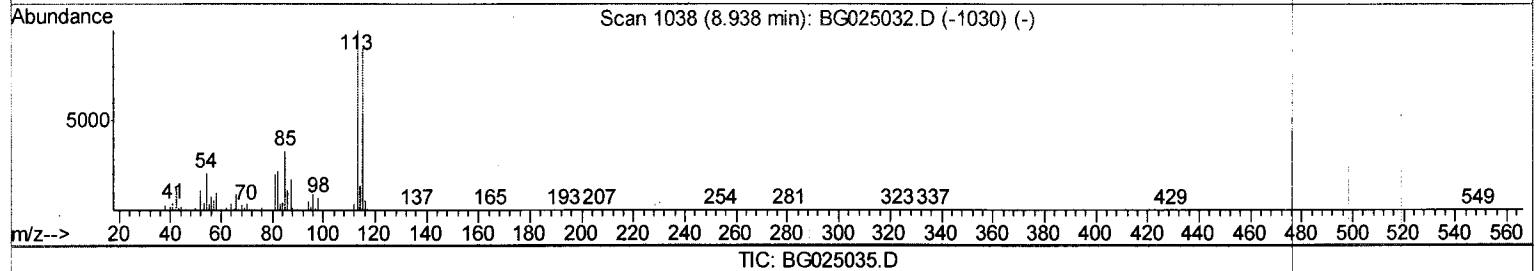
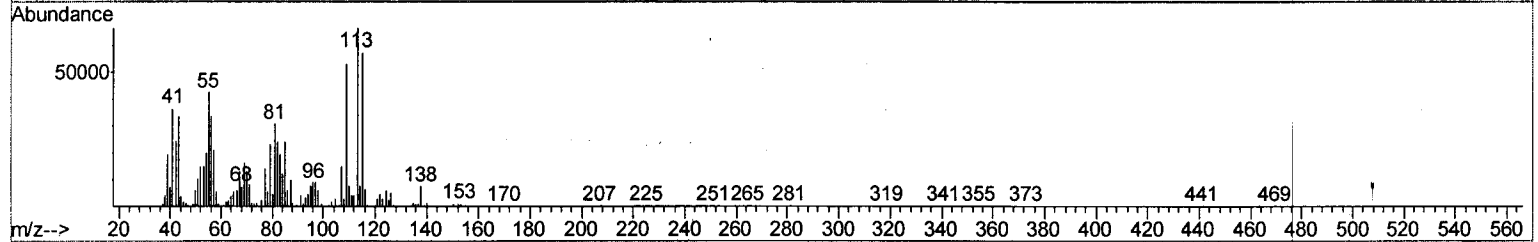
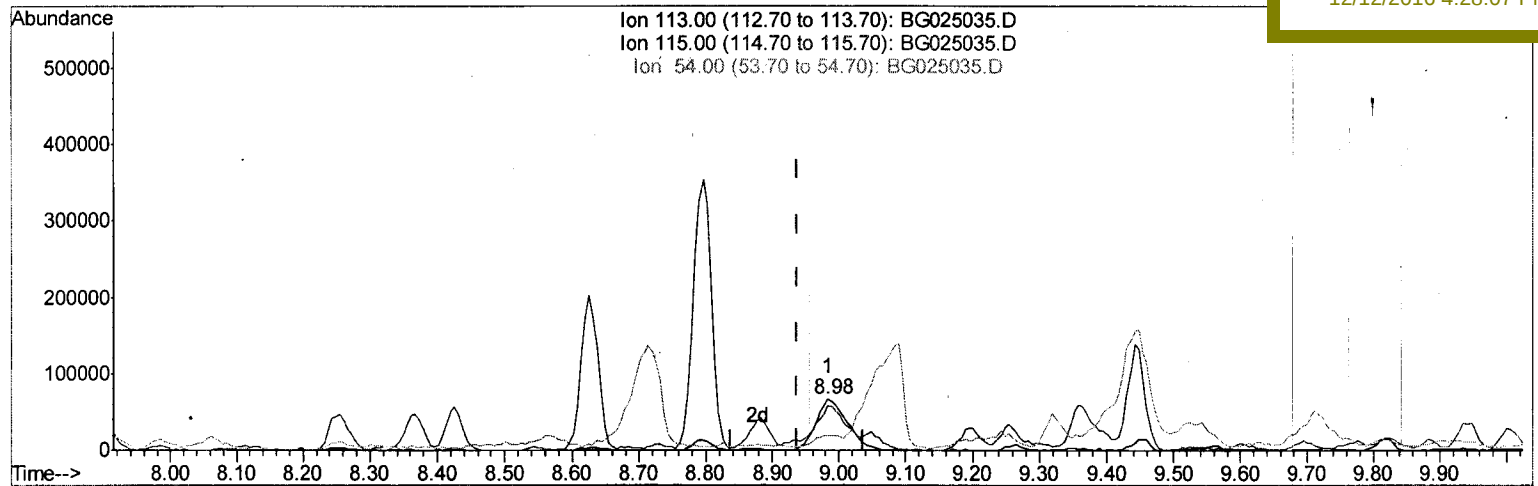
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 DA7Y2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM



(13) 4-Methylphenol-d8 (S)

8.984min (+0.046) 23.73ng/ul m

response 216740

Ion	Exp%	Act%
113.00	100	100
115.00	87.60	86.61
54.00	17.10	30.18#
0.00	0.00	0.00

M.D
 12/13/2016

Quantitation Report (Qedit)

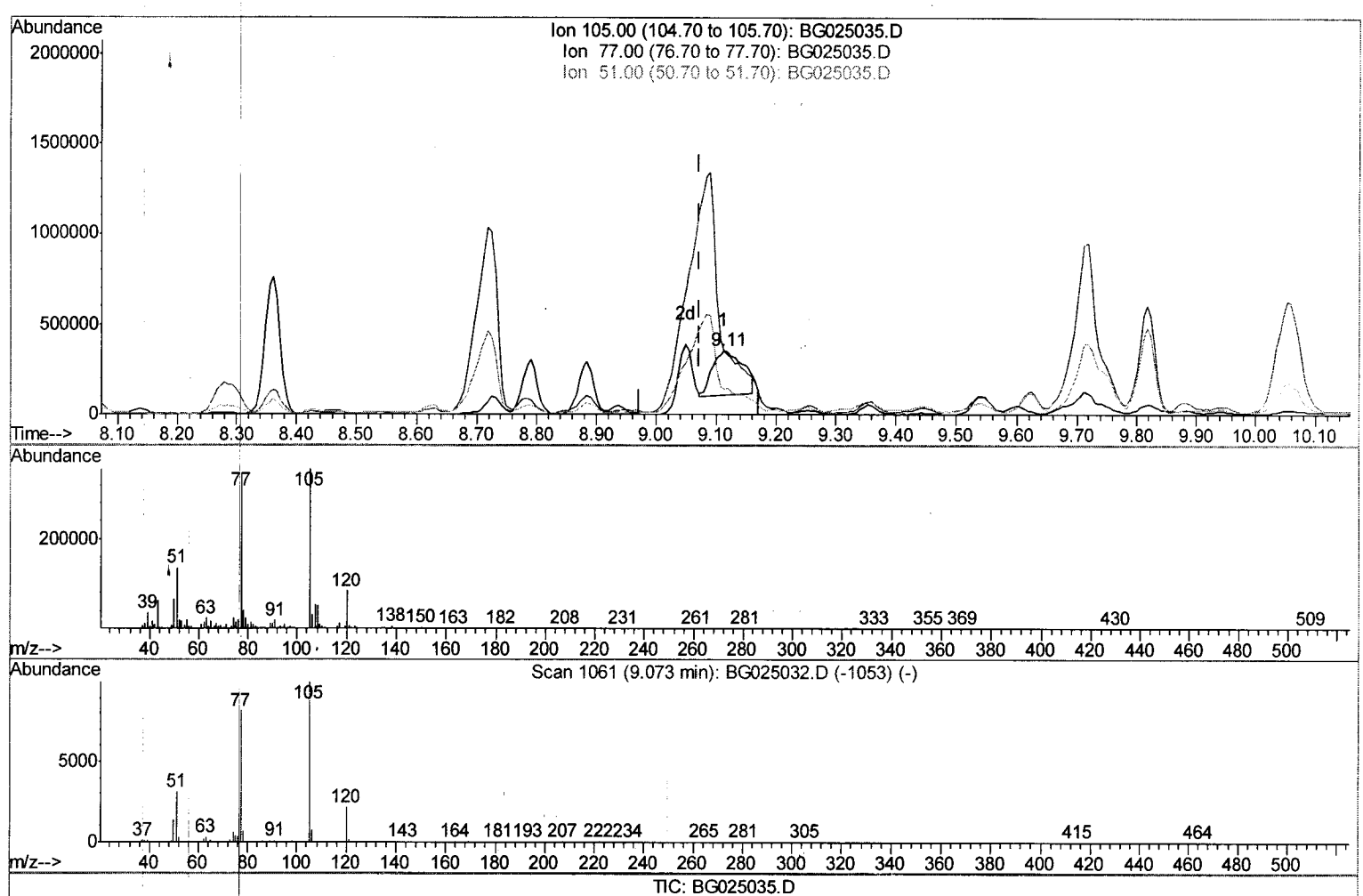
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025035.D
 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DATY2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

Quant Time: Dec 11 23:58:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration



(14) Acetophenone

9.113min (+0.040) 62.67ng/ul

response 871168

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	97.03
51.00	43.50	38.74
0.00	0.00	0.00

Quantitation Report (Qedit)

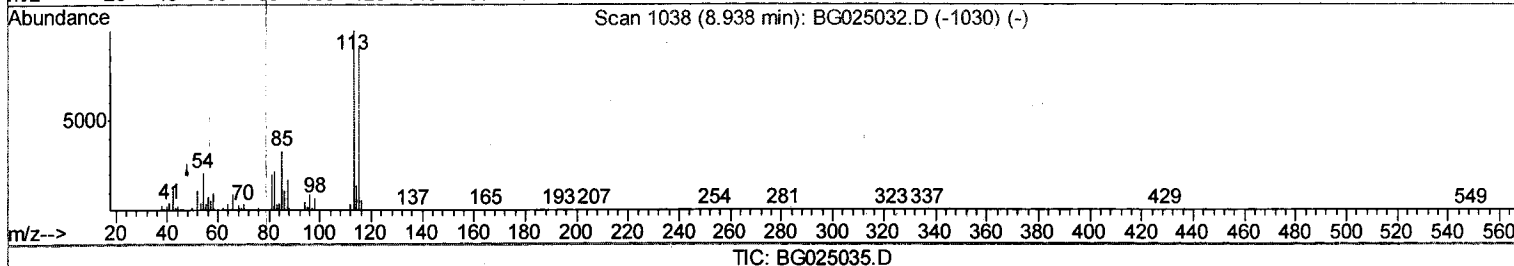
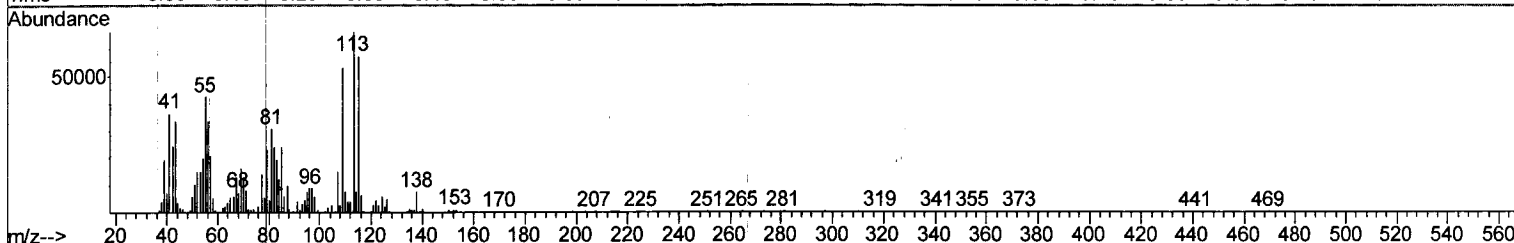
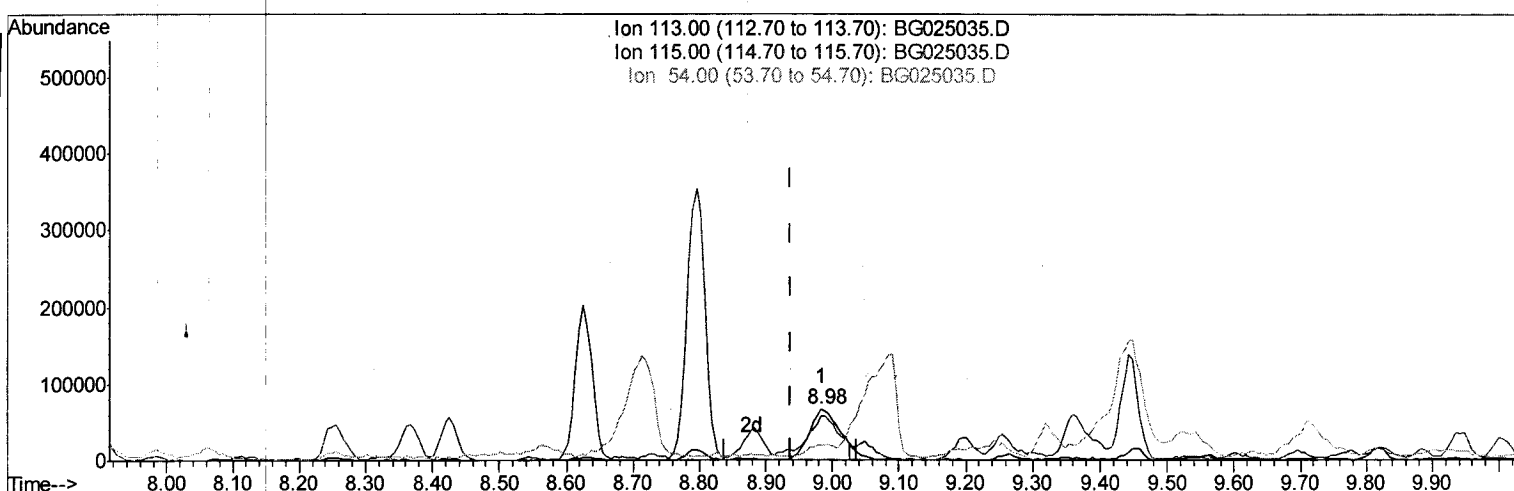
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 Acq On : 9 Dec 2016 12:09
 Operator : UM/SJ
 Sample : H5863-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y2

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:07 PM

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 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.984min (+0.046) 21.92ng/ul

response 200186

Ion	Exp%	Act%
113.00	100	100
115.00	87.60	86.61
54.00	17.10	30.18#
0.00	0.00	0.00

(LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations

Sohil
12/12/2016 4:28:07 PM

