

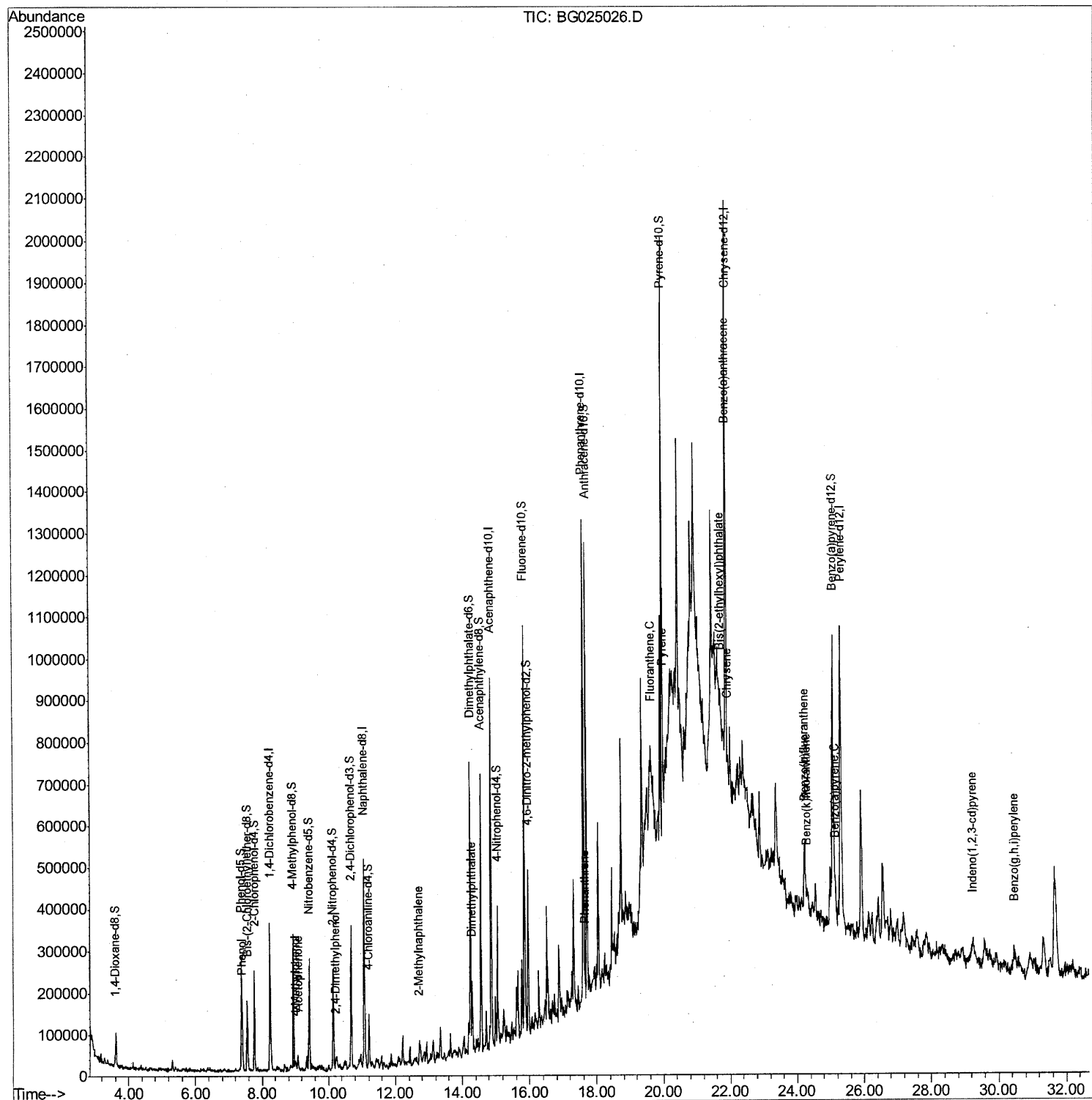
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
DA7Z7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:09 PM

Quant Time: Dec 09 11:11:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



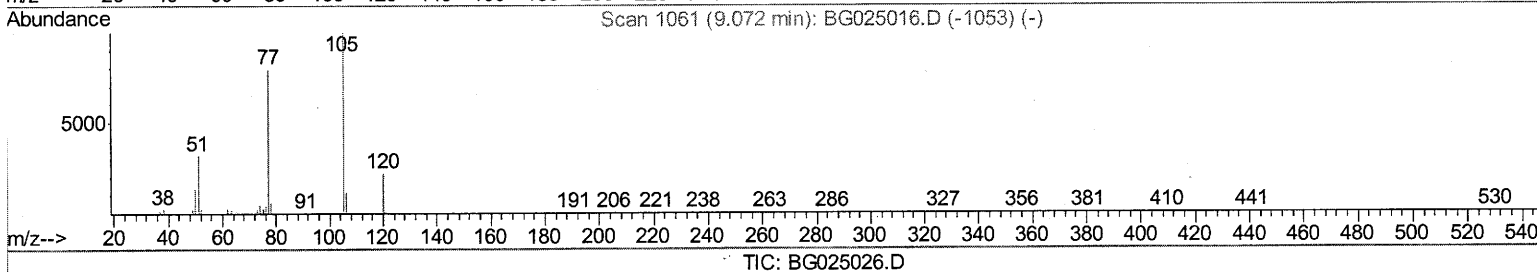
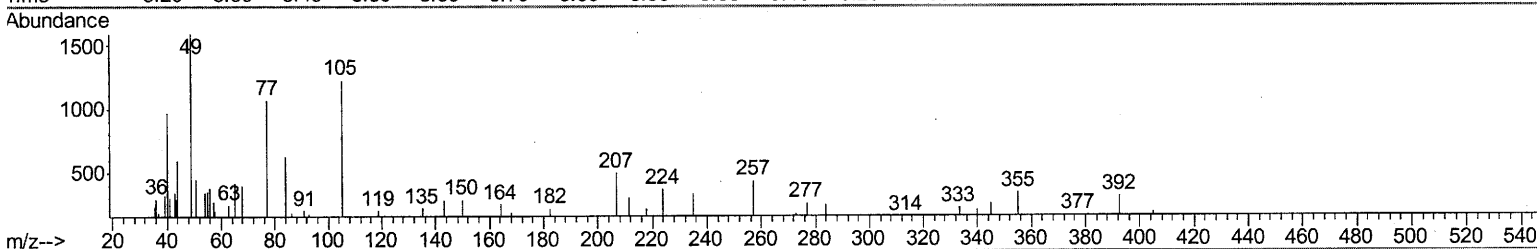
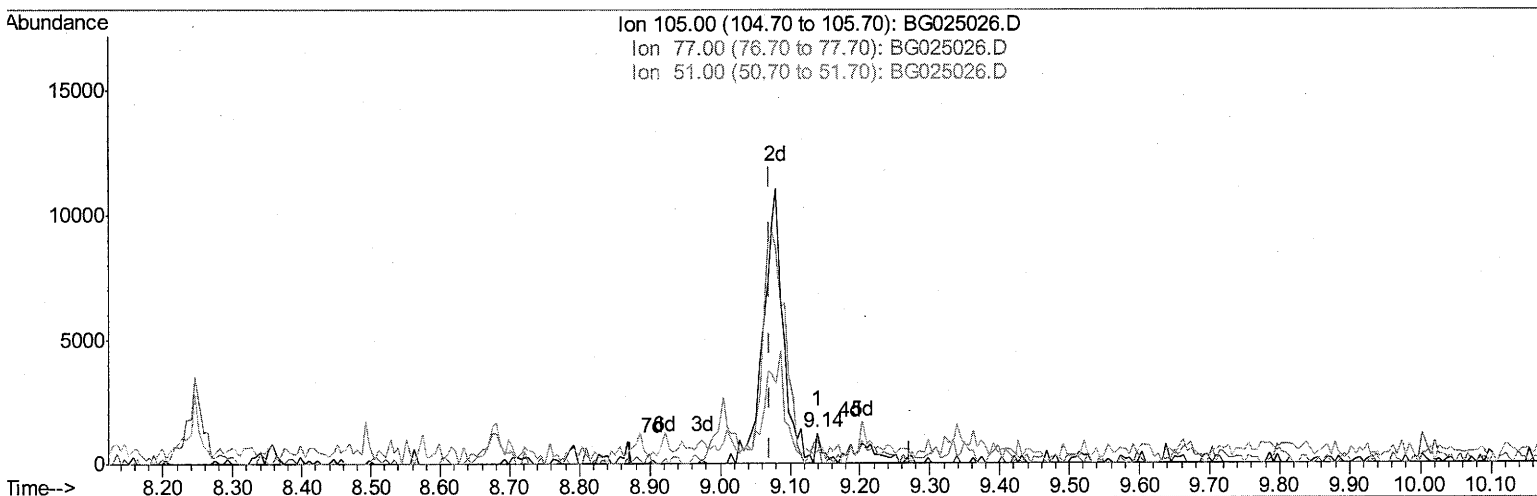
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
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Manual Integrations
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Quant Time: Dec 09 06:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(14) Acetophenone

9.139min (+0.067) 0.08ng/ul

response 857

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	87.11
51.00	43.50	36.30
0.00	0.00	0.00

Quantitation Report (Qedit)

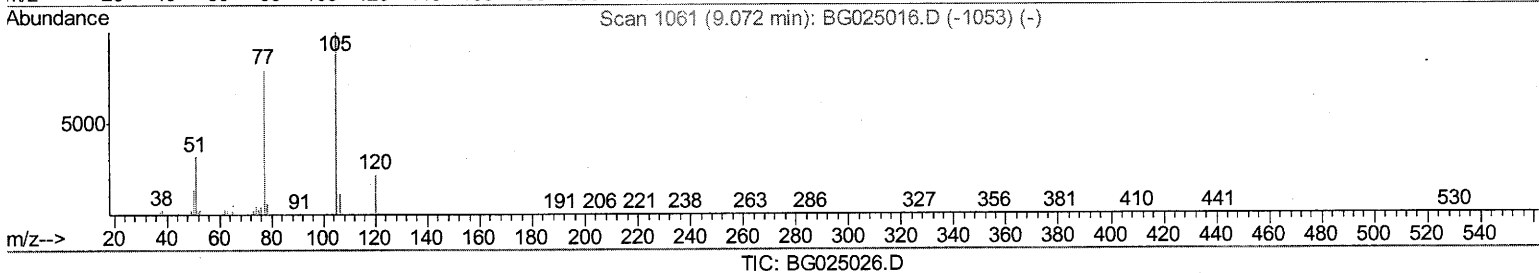
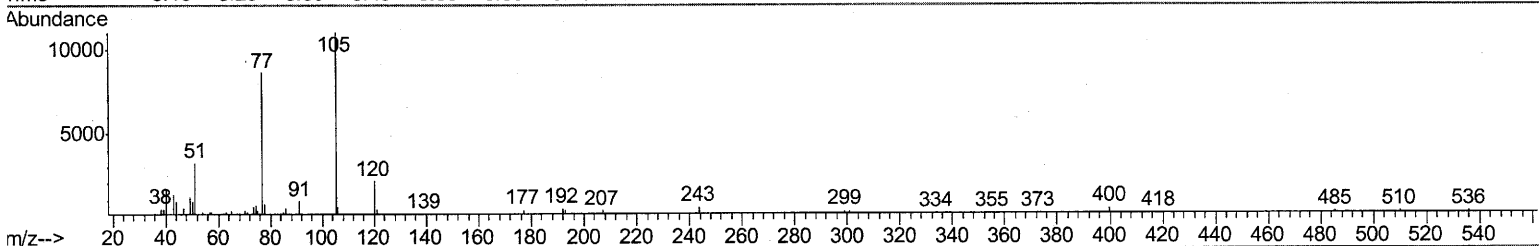
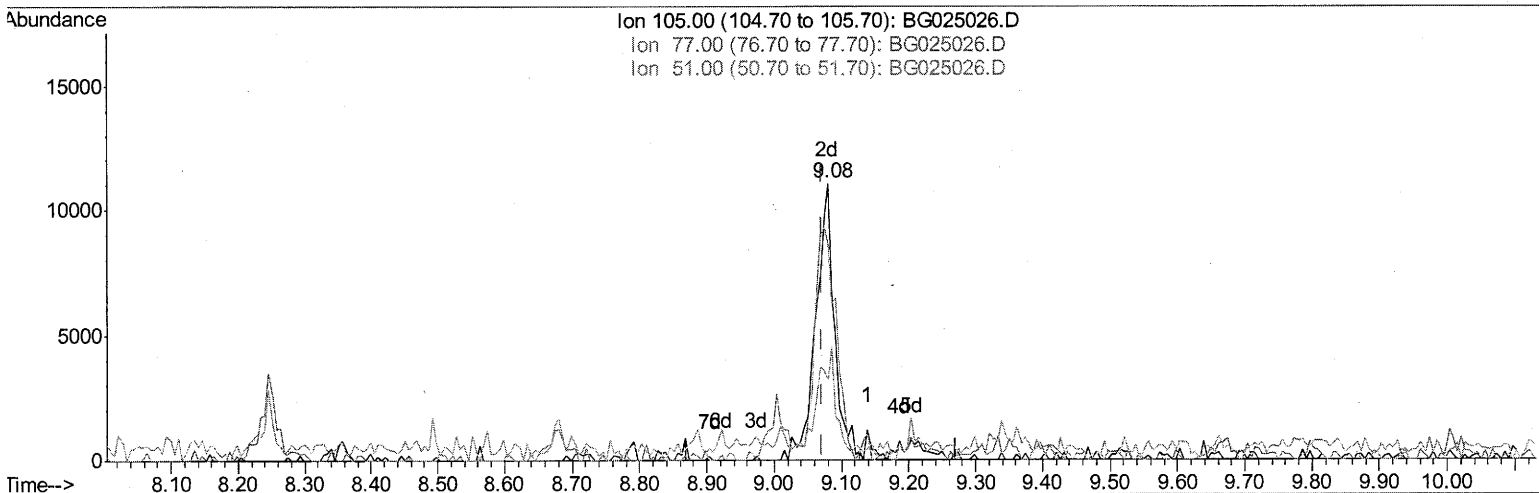
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025026.D
 Acq On : 9 Dec 2016 3:50
 Operator : UM/SJ
 Sample : H5863-17
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Instrument :
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Manual Integrations
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sohil
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration



(14) Acetophenone

9.080min (+0.008) 2.08ng/ul m

response 21776

um
 12/09/16

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	78.15
51.00	43.50	29.32#
0.00	0.00	0.00

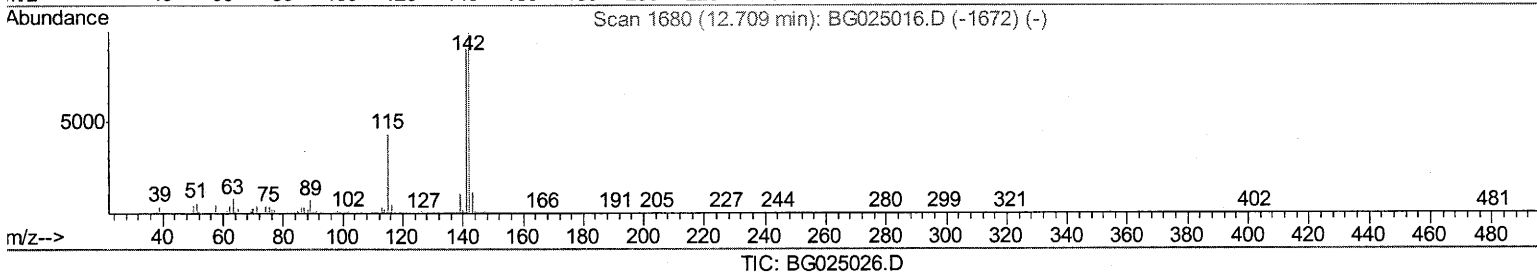
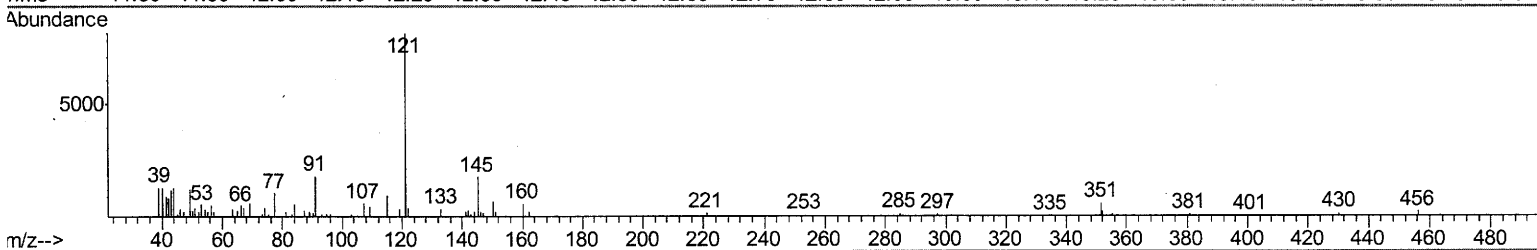
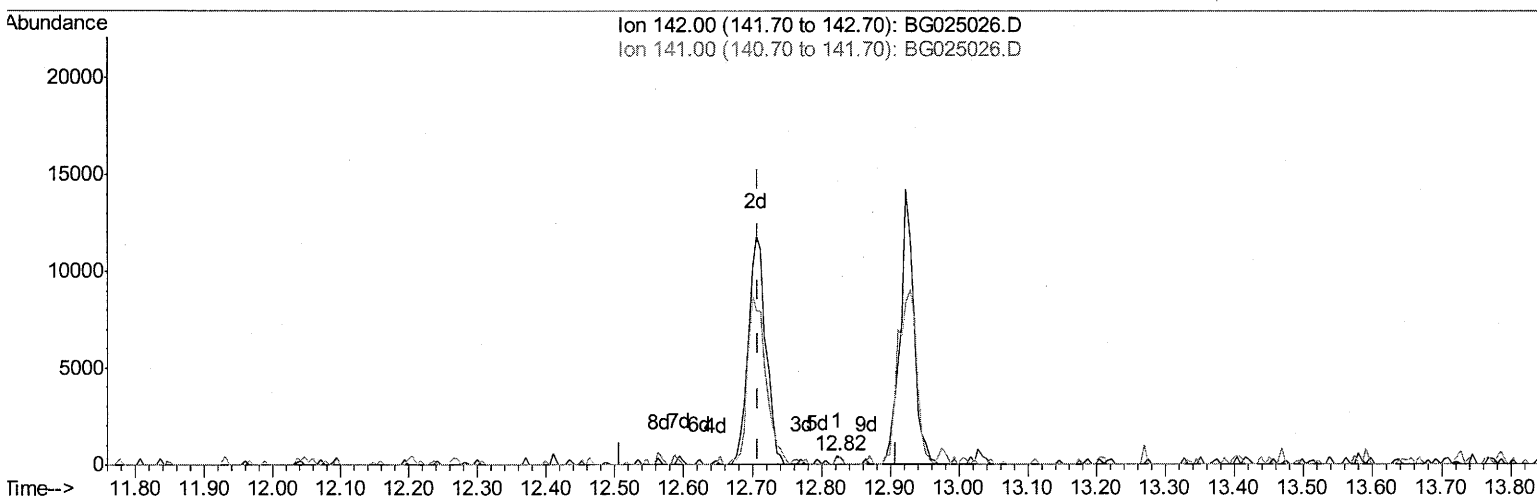
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7Z7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:09 PM

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.823min (+0.114) 0.02ng/ul

response 235

Ion	Exp%	Act%
142.00	100	100
141.00	85.70	80.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

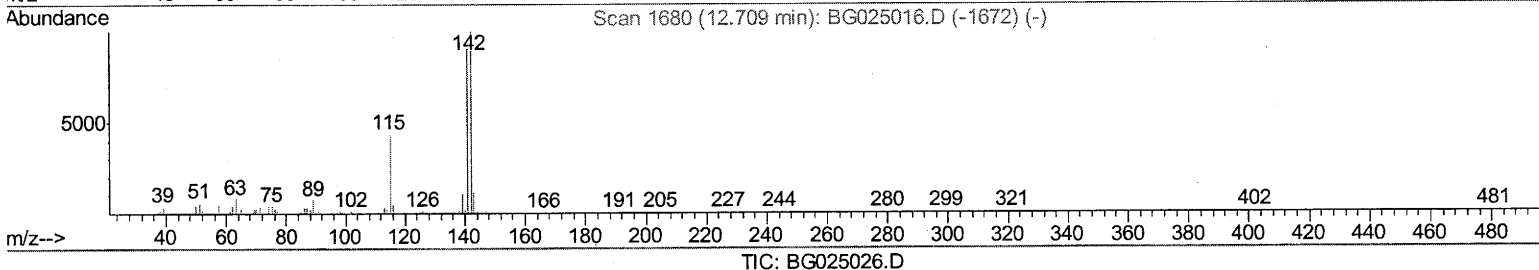
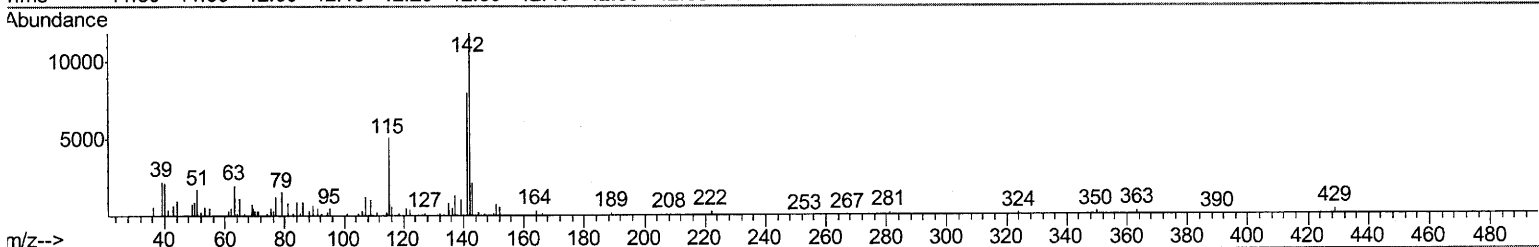
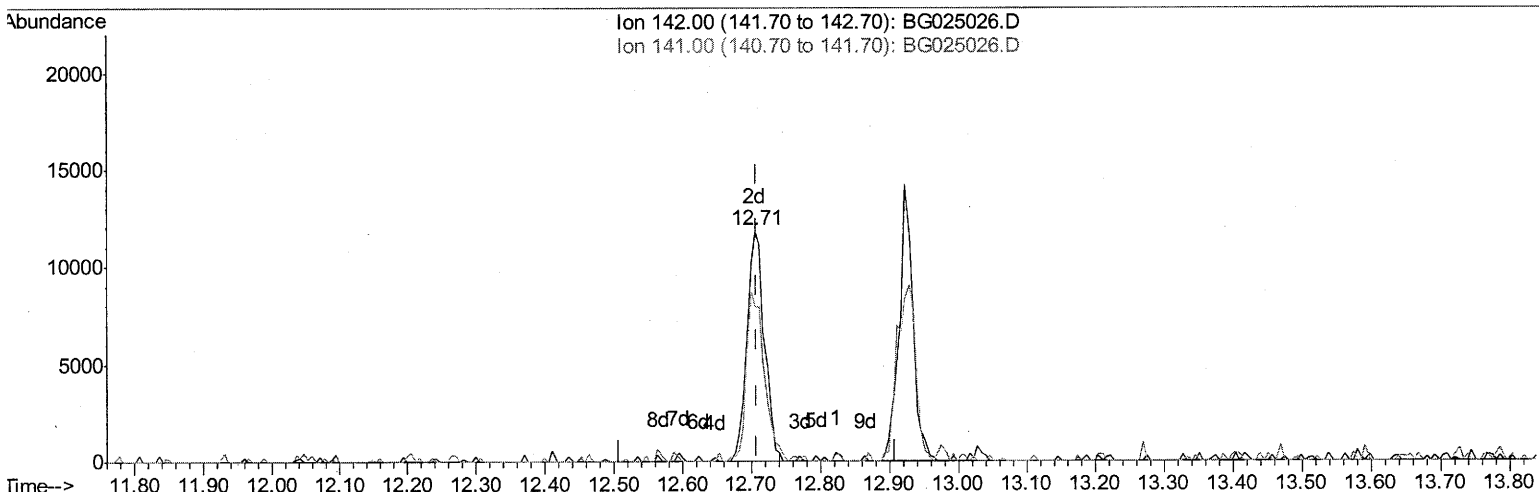
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025026.D
 Acq On : 9 Dec 2016 3:50
 Operator : UM/SJ
 Sample : H5863-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA7Z7

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:09 PM

Quant Time: Dec 09 06:35:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.705min (-0.004) 1.43ng/ul m

response 20720

Ion	Exp%	Act%
142.00	100	100
141.00	85.70	67.28#
0.00	0.00	0.00
0.00	0.00	0.00

UM
 12/09/16

Quantitation Report (Qedit)

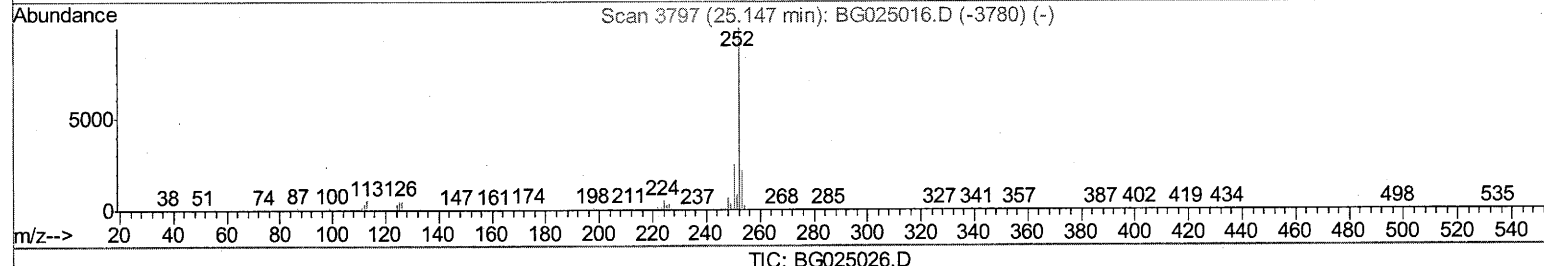
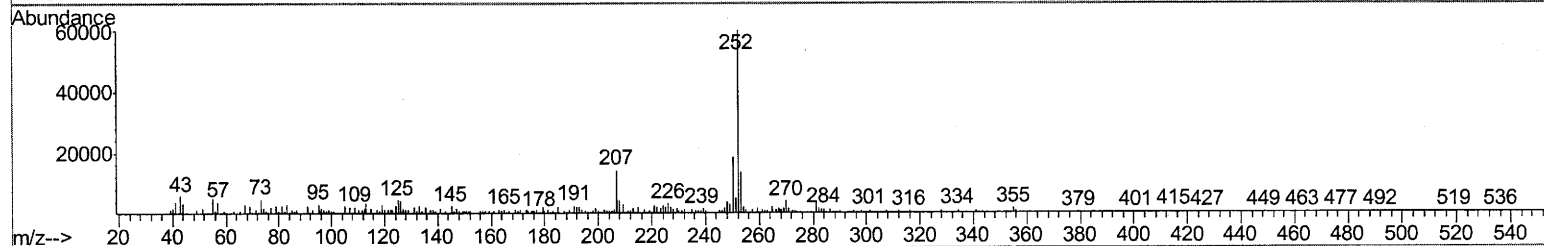
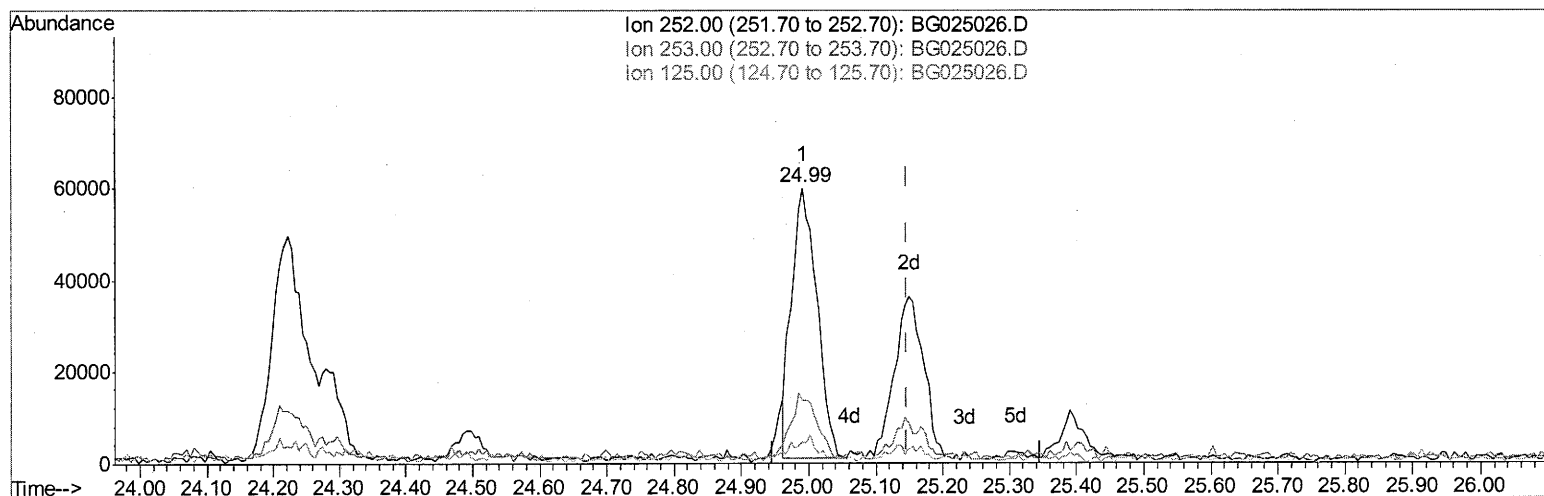
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025026.D
 Acq On : 9 Dec 2016 3:50
 Operator : UM/SJ
 Sample : H5863-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z7

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:41:09 PM

Quant Time: Dec 09 06:35:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

24.991min (-0.156) 3.43ng/ul

response 154081

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.94
125.00	6.70	7.56
0.00	0.00	0.00

Quantitation Report (Qedit)

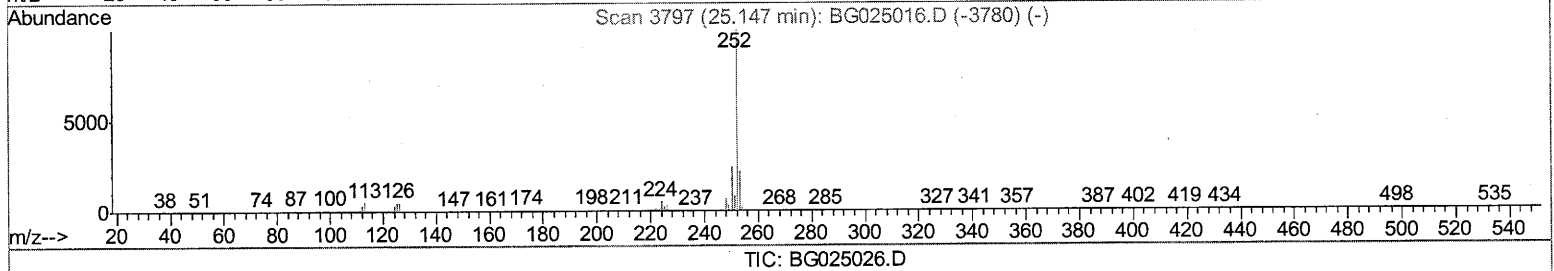
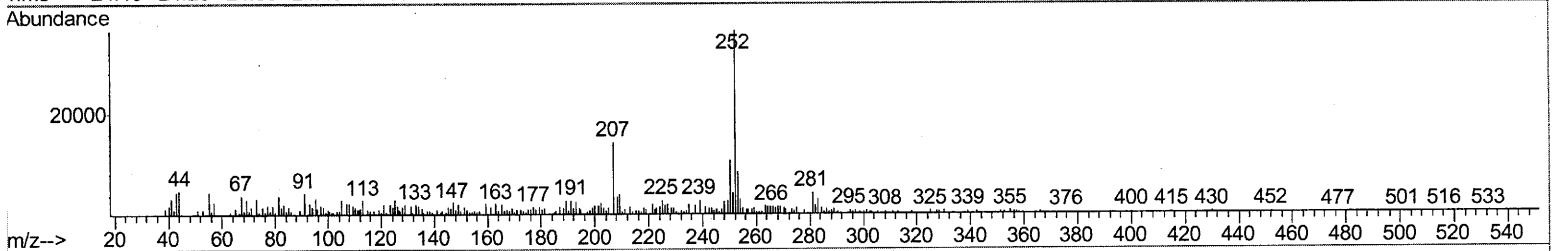
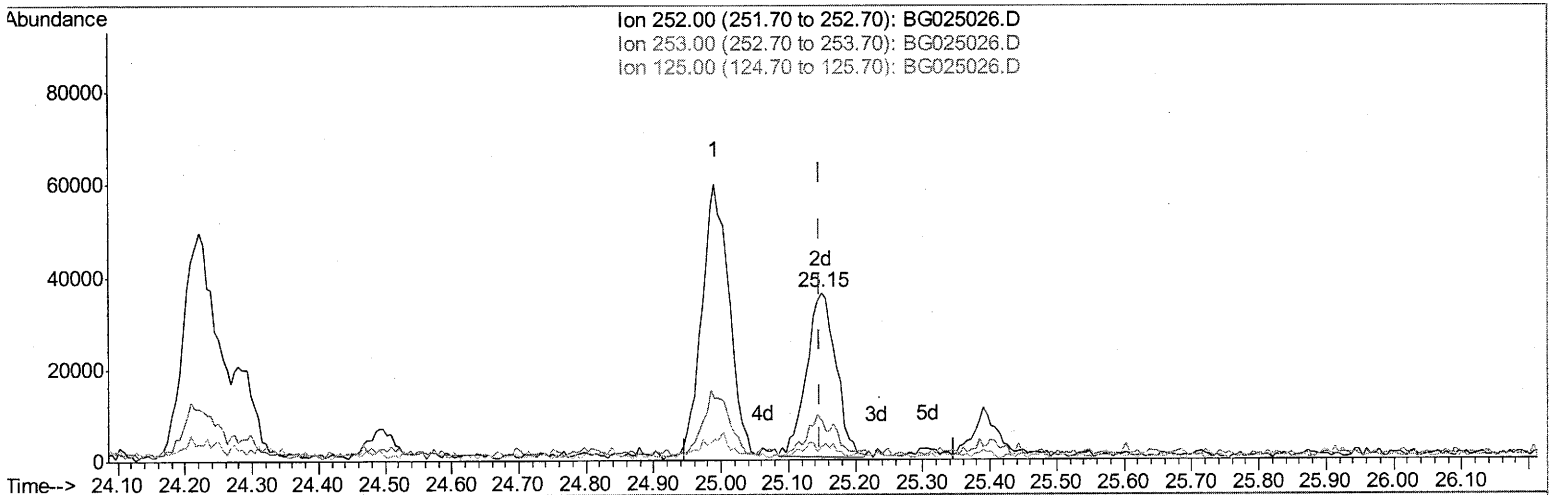
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:09 PM

Quant Time: Dec 09 06:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(88) Benzo(a)pyrene (C)

25.149min (+0.002) 2.45ng/ul m

response 110189

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.89
125.00	6.70	8.56#
0.00	0.00	0.00

UM
12/09/16

Quantitation Report (Qedit)

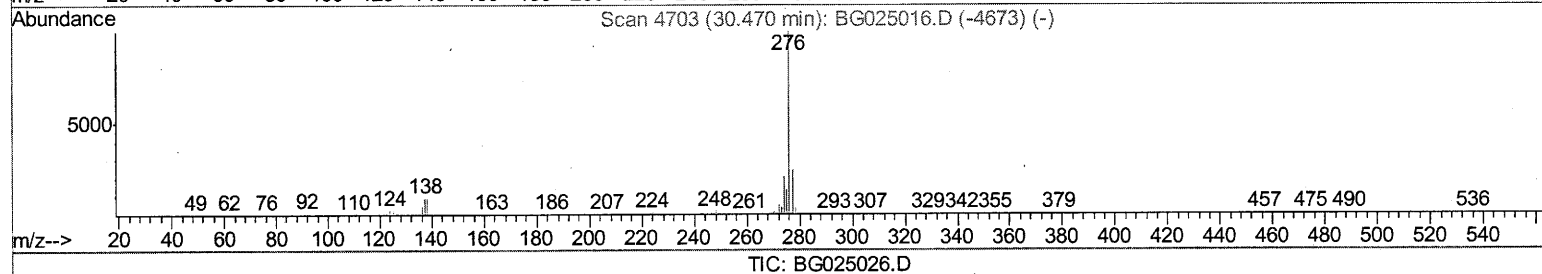
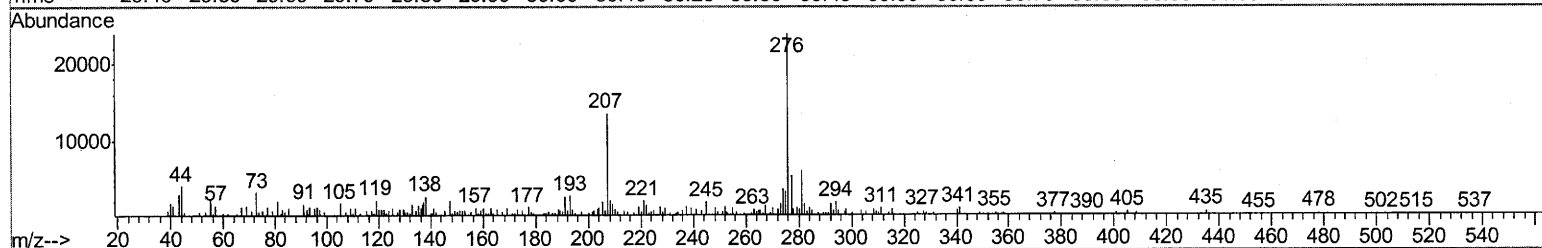
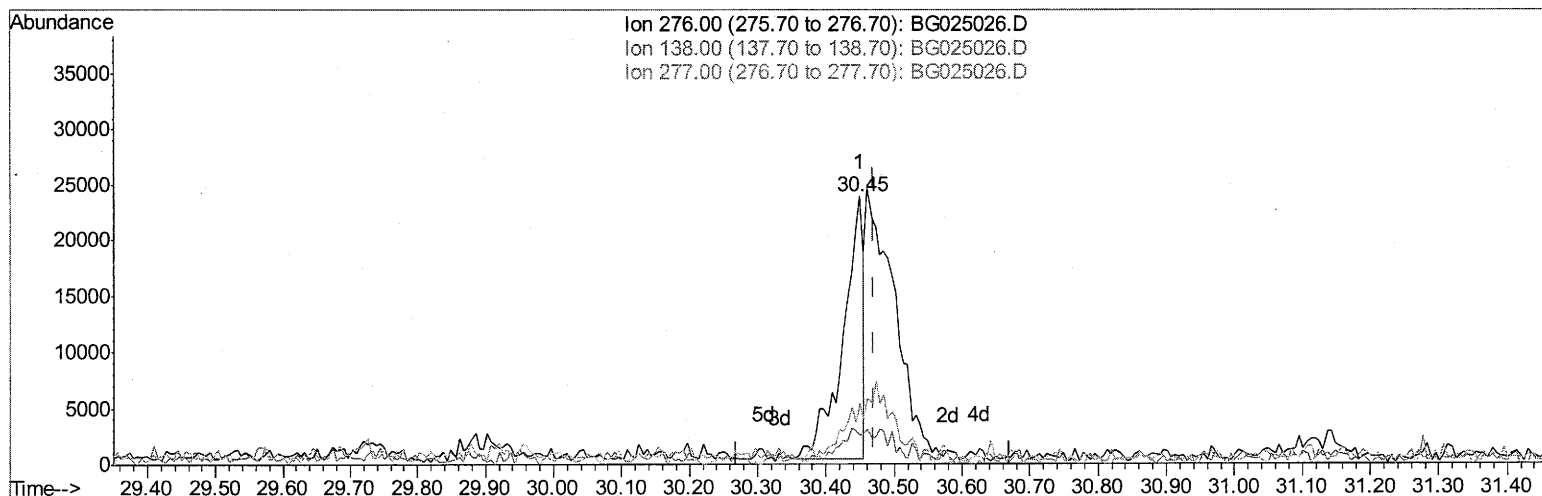
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:09 PM

Quant Time: Dec 09 06:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

30.449min (-0.021) 1.07ng/ul

response 49819

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.98
277.00	22.00	22.52
0.00	0.00	0.00

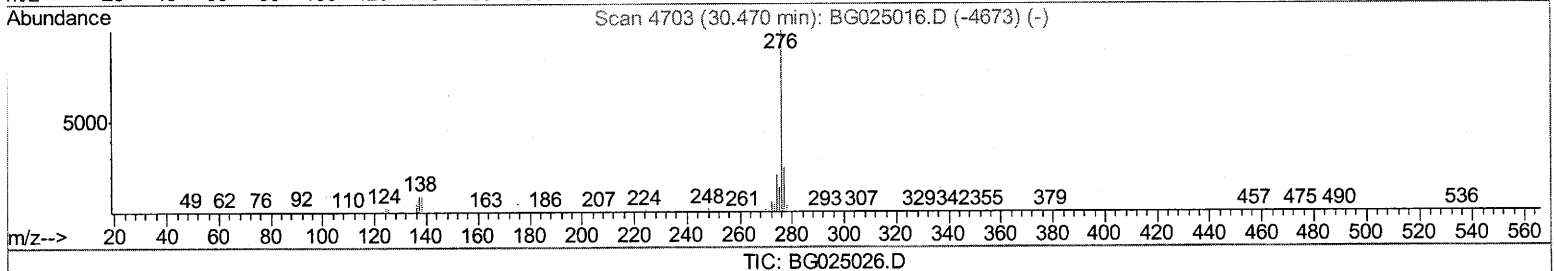
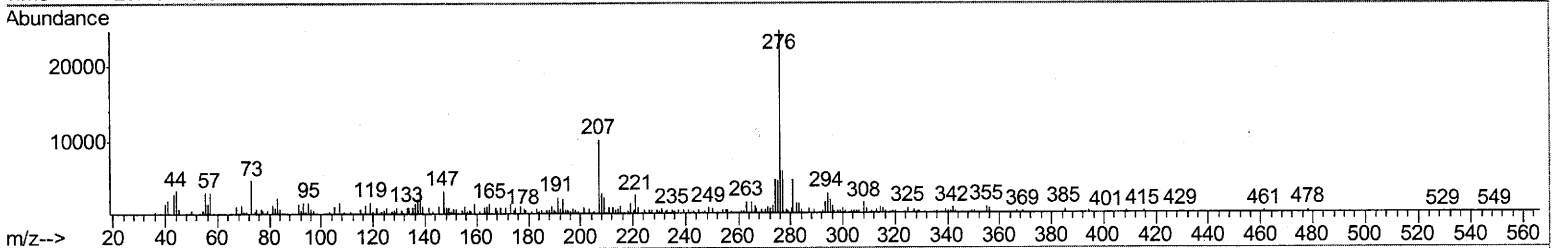
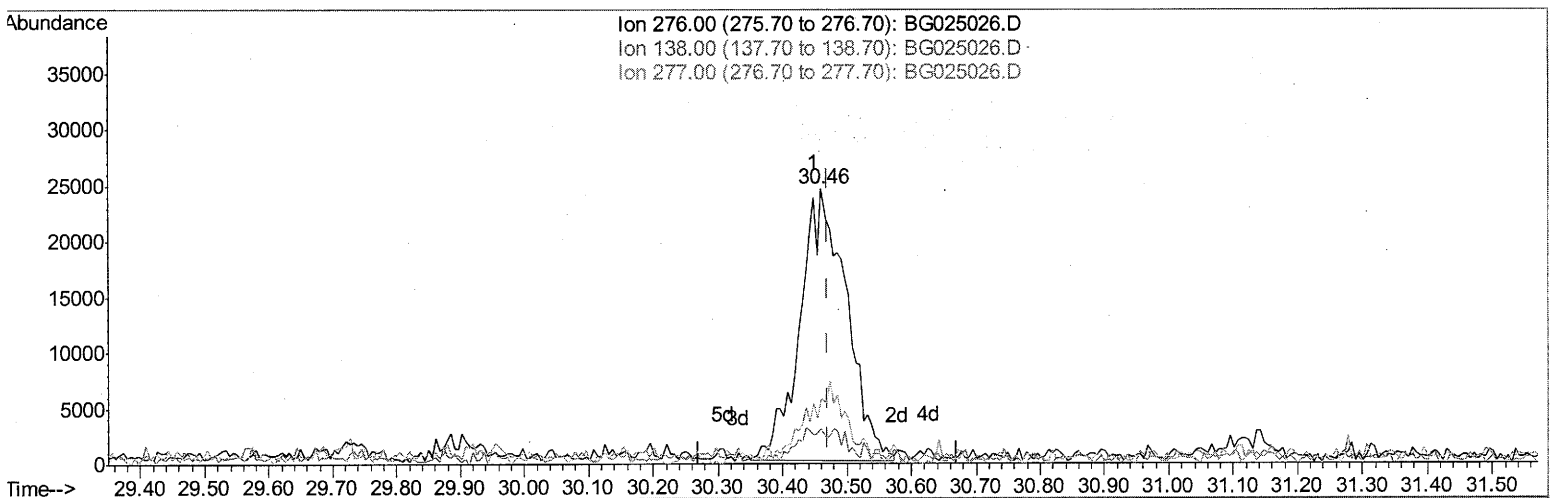
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025026.D
Acq On : 9 Dec 2016 3:50
Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7Z7

Manual Integrations
APPROVED

sohil
12/9/2016 3:41:09 PM

Quant Time: Dec 09 06:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

30.461min (-0.009) 2.60ng/ul m

response 121025

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	12.58
277.00	22.00	23.79
0.00	0.00	0.00

UM
12/9/16

Quantitation Report (Qedit)

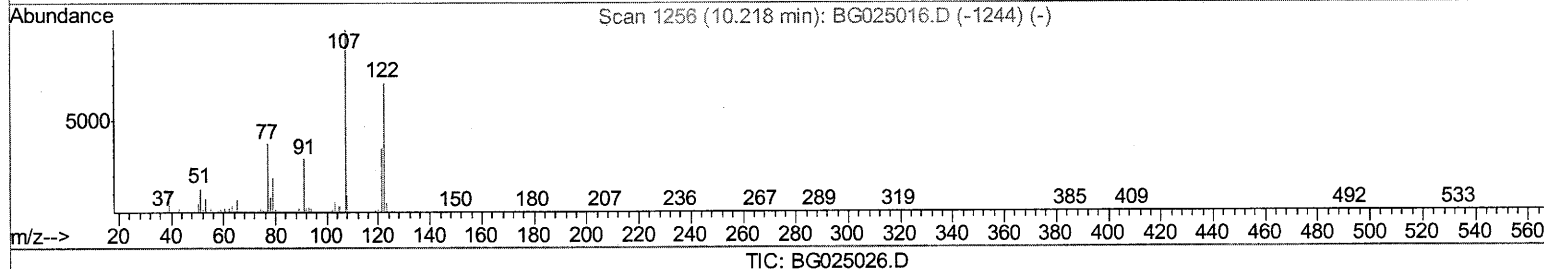
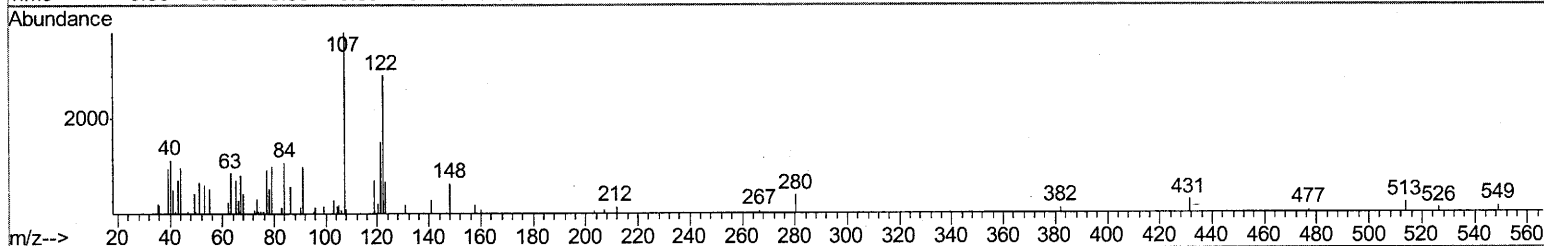
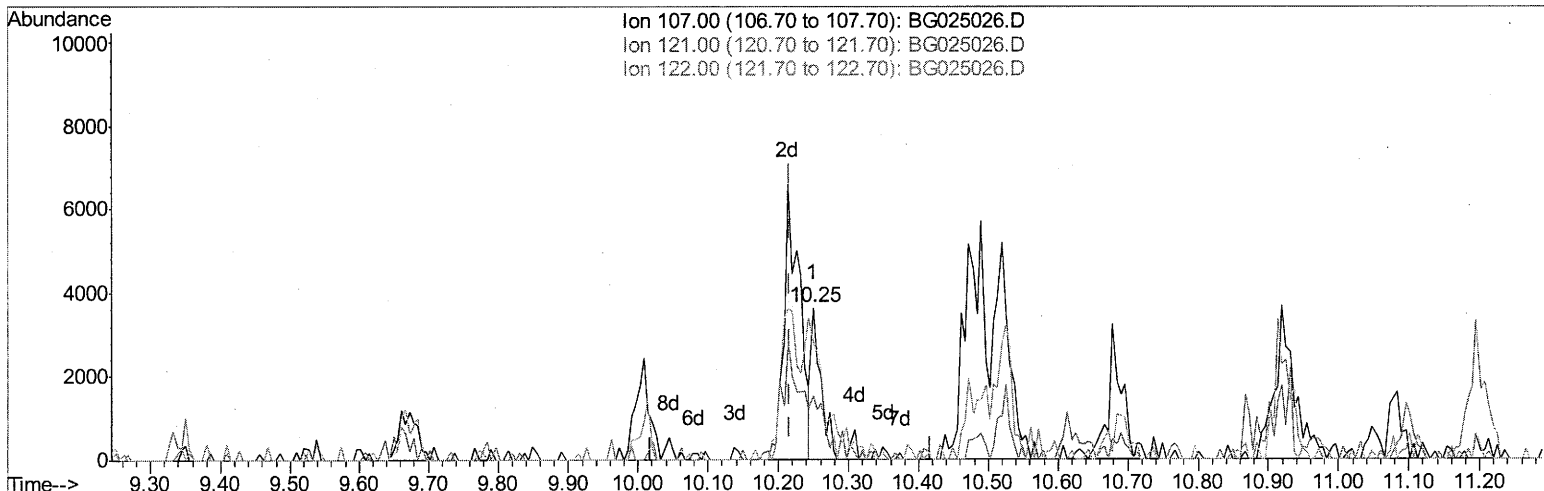
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 Sample : H5863-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

sohil
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(24) 2,4-Dimethylphenol

10.249min (+0.032) 0.43ng/ul

response 3482

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	42.19
122.00	76.50	77.49
0.00	0.00	0.00

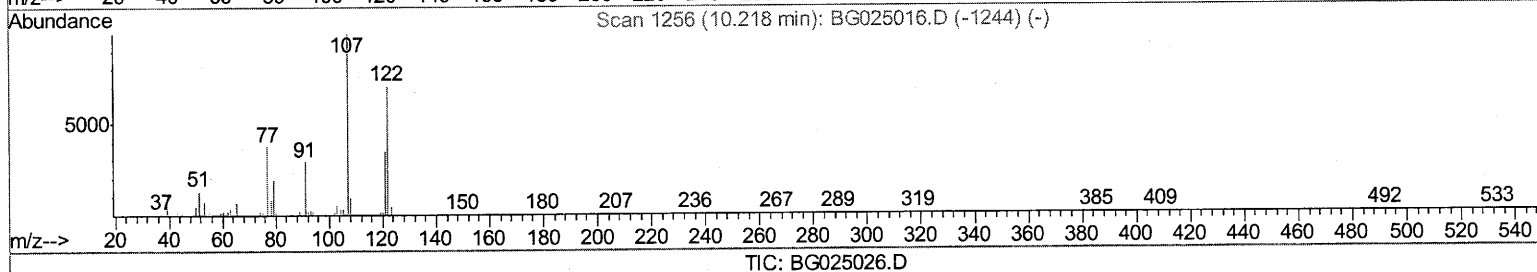
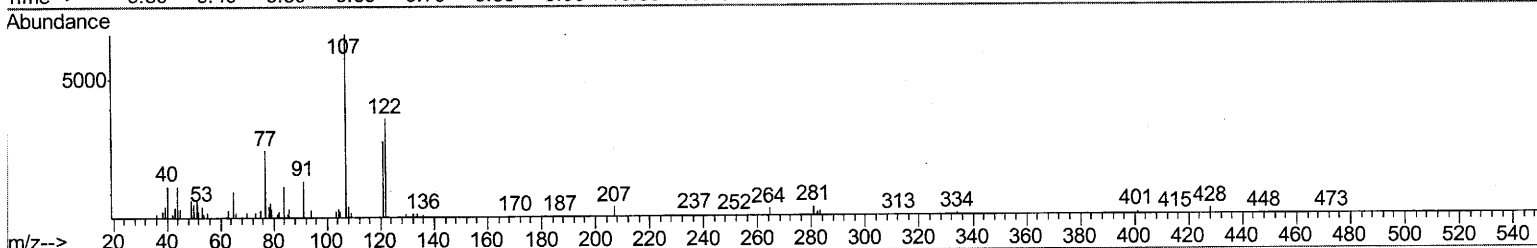
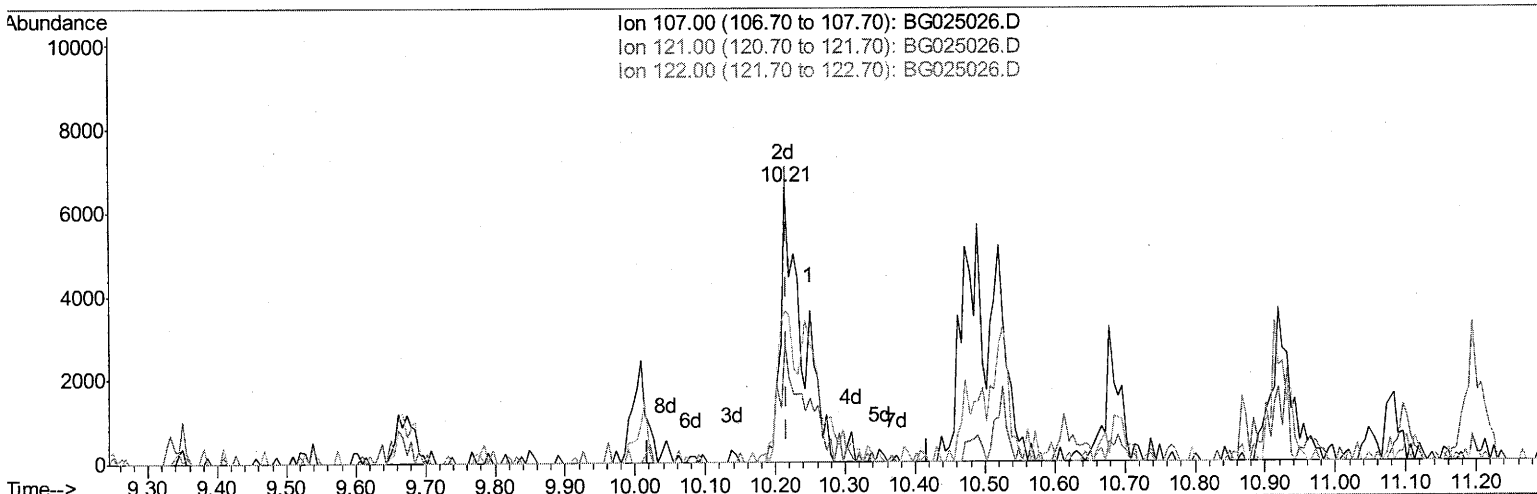
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120816\
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Operator : UM/SJ
Sample : H5863-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
DA7Z7

Manual Integrations
APPROVED

sohil
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QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration



(24) 2,4-Dimethylphenol

10.214min (-0.004) 1.72ng/ul m

response 13995

Ion Exp% Act%

107.00 100 100

121.00 40.40 43.40

122.00 76.50 54.99#

0.00 0.00 0.00

UM
12/09/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	396288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	334026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	709386	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	911290	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	942286	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6167	3.34	ng/uL	0.00
5) Phenol-d5	7.38	99	145925	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	91771	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	100936	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	121337	17.65	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52475	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	66723	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124514	18.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	66037	9.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	453589	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	482973	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65372	16.56	ng/ul	0.00
57) Fluorene-d10	15.85	176	424170	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	94820	21.62	ng/ul	0.00
70) Anthracene-d10	17.70	188	648339	21.65	ng/ul	0.00
76) Pyrene-d10	19.97	212	785339	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	834210	21.85	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.41	94	21154	2.50 ng/ul#	84	
14) Acetophenone	9.08	105	21776m	2.08 ng/ul		
16) 4-Methylphenol	9.00	108	7363	1.06 ng/ul#	73	
24) 2,4-Dimethylphenol	10.21	107	13995m	1.72 ng/ul		
34) 2-Methylnaphthalene	12.71	142	20720m	1.43 ng/ul		
44) Dimethylphthalate	14.30	163	103939	4.60 ng/ul	98	
69) Phenanthrene	17.64	178	52730	1.56 ng/ul#	92	
74) Fluoranthene	19.64	202	95991	2.39 ng/ul#	93	
77) Pyrene	20.00	202	117043	2.67 ng/ul#	97	
80) Benzo(a)anthracene	21.88	228	71345	1.51 ng/ul#	85	
81) Bis(2-ethylhexyl)phthalate	21.74	149	26536	1.12 ng/ul#	81	
82) Chrysene	21.94	228	98070	2.21 ng/ul#	94	
85) Benzo(b)fluoranthene	24.22	252	169636	3.63 ng/ul#	97	
86) Benzo(k)fluoranthene	24.28	252	44901	1.01 ng/ul#	91	
88) Benzo(a)pyrene	25.15	252	110189m	2.45 ng/ul		
89) Indeno(1,2,3-cd)pyrene	29.24	276	78481	1.41 ng/ul#	90	
91) Benzo(g,h,i)perylene	30.46	276	121025m	2.60 ng/ul		

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